Disclaimer

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

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

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

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

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Overview for Request: cder_sir_wp015

Request ID: cder_sir_wp015_nsdp_v01

Request Description: This report presents results from signal identification analyses comparing prucalopride and plecanatide. Plecanatide, a guanylate cyclase-C (GC-C) agonist, was approved in January 2017 for chronic idiopathic constipation (CIC) and irritable bowel syndrome with constipation (IBS-C). Prucalopride, a 5-hydroxytryptamine-4 (5-HT4) receptor agonist, was approved in December 2018 for CIC.

The objective of this active comparator signal identification query was to evaluate potential safety signals using a bidirectional design. Analyses were conducted in both directions:

- **Analysis 1:** Prucalopride as exposure; plecanatide as active comparator
- **Analysis 2:** Plecanatide as exposure; prucalopride as active comparator

Signal identification was conducted for each analysis among new users of the exposure drug compared with new users of the corresponding active comparator in the Sentinel Distributed Database (SDD).

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 14.3.1, with the Propensity Score Analysis (PSA) and Signal Identification (SI) module.

Data Source: We distributed the query package to 13 Sentinel Data Partners (DPs) on January 29, 2026. We included data from six DPs where the propensity score models converged. The DPs that were not included in the analysis lacked sufficient exposures to ensure propensity score model convergence. The study period included data from April 19, 2019 (when prucalopride became commercially available) through August 31, 2025. See **Appendix A** for a list of dates of available data for each of the six Data Partners who contributed to this report.

Study Design: We conducted this signal identification assessment using an active-comparator, new-user design with TreeScan analyses. The design was applied in both directions, with plecanatide and prucalopride alternating roles as the exposure and active comparator.

We identified incident users of plecanatide and prucalopride among non-pregnant adults aged ≥18 years. Propensity scores (PS) were estimated using both a conventional user-specified covariate approach and a high-dimensional PS (hdPS) approach. Users of the exposure drug were matched 1:1 to users of the active comparator using fixed-ratio PS matching.

Matched pairs were followed for incident health outcomes of interest identified through hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis code trees for up to 183 days after treatment initiation.

This was a Type 2 analysis conducted using the Propensity Score Analysis and Signal Identification modules of the Query Request Package (QRP).

Exposure of Interest:

Exposures of interest were plecanatide and prucalopride, defined using National Drug Codes (NDCs) identified from dispensing and procedure tables in the Sentinel Common Data Model (SCDM). In each directional analysis, one drug was treated as the exposure and the other as the active comparator. Only the first valid and qualifying treatment dispensings (index exposures) for each drug were evaluated, and cohort re-entry was not allowed.

Please see **Appendix B** for generic and brand names of medical products used to define the exposures in this request.

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Cohort Eligibility Criteria: Members were required to have continuous health plan enrollment with medical and drug coverage for at least 400 days before the exposure initiation (index date). Coverage gaps of up to 45 days were allowed and treated as continuous enrollment. Eligible individuals were adults aged ≥18 years, grouped as 18-24, 25-34, 35-44, 45-54, 55-64, 65-74, and ≥75 years. Patients were excluded if they had evidence of ongoing pregnancy from 183 days before through 183 days after the index date, or a delivery code recorded on or within 183 days after the index date, in any care setting.

Incident exposure was defined as initiation of plecanatide or prucalopride with no evidence of dispensing during the washout window for (1) the index drug, (2) drugs in the same class as the index drug, and (3) drugs in the comparator class.

For plecanatide initiators: no prior plecanatide, no other GC-C agonists (linaclotide) or chloride channel activators (lubiprostone), and no 5-HT4 receptor agonists (prucalopride, tegaserod).

For prucalopride initiators: no prior prucalopride, no other 5-HT4 receptor agonists (tegaserod), and no GC-C agonists (linaclotide, plecanatide) or chloride channel activators (lubiprostone).

Two exposure washout windows were evaluated: 90 days (primary) and 183 days (secondary) before the index date. For each window, patients were required to have no active supply of the index drug, same-class drugs, or comparator-class drugs during the washout period, evidence of dispensing date and days' supply were used to identify active use during the window. Patients were also excluded if they had dispensing of any non-index drug in the same class or in the comparator class on the index date.

For tree-based outcome assessment, an event washout of 400 days before each outcome event date was applied to identify incident events.

Appendix C lists generic and brand names of the medical products used for exposure and washout definitions. Exclusion criteria were defined using ICD-10-CM, Current Procedural Terminology, Fourth Edition (CPT-4), Healthcare Common Procedure Coding System, Level II (HCPCS), and International Classification of Diseases, Tenth Revision, Procedural Coding (ICD-10-PCS) codes (see **Appendix D**).

Follow-up Time: Follow-up began on the day after the index dispensing and continued for up to 183 days, or until the earliest occurrence of any of the following: (1) recorded death, (2) disenrollment, (3) end of the query period, (4) end of Data Partner data, or (5) treatment crossover. Treatment crossover was defined as dispensing during follow-up of a comparator or related drug class. Specifically, follow-up was censored at dispensing of 5-HT4 receptor agonists (prucalopride, tegaserod), other GC-C agonists (linaclotide), or chloride channel activators (lubiprostone) for **plecanatide** initiators, and at dispensing of other 5-HT4 receptor agonists (tegaserod), GC-C agonists (linaclotide, plecanatide), or chloride channel activators (lubiprostone) for **prucalopride** initiators. **Appendix E** lists generic and brand names of the medical products used for exposure censoring criteria.

Baseline Characteristics: Baseline characteristics were assessed at the index date or during the 400-day baseline period prior to treatment initiation (days −400 to 0).

We evaluated the following demographic characteristics on the index date: age (continuous and categorical), sex, race, Hispanic origin, and year of treatment initiation.

We additionally evaluated the following characteristics during days −400 to 0:

- **Gastrointestinal (GI) clinical history and procedures**: abdominal imaging, abdominal surgeries, chronic idiopathic constipation (CIC), constipation, irritable bowel syndrome (IBS), IBS with constipation (IBS-C), functional upper GI disorders, other functional intestinal disorders, gastroesophageal reflux disease (GERD), GI obstruction, GI symptoms, inflammatory bowel and colonic conditions, and celiac disease. GI procedures included colonoscopy and endoscopy, and prior colorectal cancer diagnosis was also assessed.

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• **Comorbidities and health characteristics**: acute kidney failure, chronic kidney disease, dialysis, acute myocardial infarction, arrhythmia, heart failure, ischemic heart disease, stroke/transient ischemic attack, hypertension, hyperlipidemia, diabetes mellitus, hypothyroidism, chronic obstructive pulmonary disease (COPD), liver disease and cirrhosis, electrolyte disorders, obesity, rheumatoid arthritis, neurological and psychiatric conditions, other cancers, and health behaviors (smoking and alcohol use).

• **Medical product use**: agents approved for opioid-induced constipation, laxatives, opioids, antacids, proton-pump inhibitors, histamine H2-receptor antagonists, potassium-competitive acid blockers (PCABs), antibiotics, antidepressants, antipsychotics, antidiarrheals, calcium channel blockers, diuretics, bladder and GI anticholinergics, bethanechol, bile-acid agents, erythromycin, metoclopramide, and tenapanor.

In addition, baseline use of exposure and comparator-related drug classes was assessed during days -183 to 0 among cohorts using the 90-day exposure/comparator washout window only. These included chloride channel activators (lubiprostone), other 5-HT4 receptor agonists (tegaserod), and other GC-C agonists (linaclotide), as well as plecanatide and prucalopride.

• **Healthcare utilization measures and risk scores**: combined comorbidity score (CCI)[1], mean number of prescriptions filled, mean number of generic products dispensed, and mean numbers of healthcare encounters (ambulatory, other ambulatory, emergency department, inpatient hospital, and non-acute institutional) were included.

Please see **Appendix F** for a list of CPT-4, Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), HCPCS, and ICD-10-PCS procedure codes along with ICD-10-CM diagnosis codes, and **Appendix G** for a list of generic and brand names used to define characteristics in this request.

Propensity Score Estimation and Adjustment: The conventional, user-specified propensity score (PS) model included the baseline demographic, clinical, medication, and healthcare utilization characteristics described in the Baseline Characteristics section, with age modeled as a continuous variable. All baseline covariates were included in the PS model except antacids and PCABs, which were excluded due to low utilization and substantial over-the-counter availability.

The high-dimensional PS (hdPS) model included the same prespecified variables as the conventional PS model and additionally incorporated proxy confounders identified separately within each Data Partner using the hdPS algorithm. We considered the top 100 candidate codes within each data dimension (e.g., diagnoses, procedures, dispensing, etc.) during the -400, -1 days around the index date, with ICD-10 codes truncated to the 3rd level. These candidates (proxy confounder) were ranked based on their strength of association with exposure, and top 300 covariates overall were selected for inclusion in the hdPS model. **Appendices H-I** list the top-ranked codes identified at each Data Partner.

After PS estimation, we performed 1:1 fixed-ratio nearest-neighbor matching without replacement, matching plecanatide initiators to prucalopride initiators (and vice versa), using a caliper of 0.05 on the PS probability scale.

Note: hdPS-adjusted results for the 183-day exposure washout were not reported because the hdPS propensity score models failed to converge for most Data Partners. The report therefore includes results for the **user-specified PS–adjusted** analyses for both the **90-day and 183-day exposure washout**, and **hdPS-adjusted** analyses **for the 90-day exposure washout** only.

For the **90-day washout hdPS** analysis, the hdPS model did not converge for one Data Partner. Therefore, **sensitivity analyses** excluding that Data Partner were conducted to assess the potential impact on the pooled results. The results of these sensitivity analyses are presented in the corresponding tables.

Outcome Assessment via Signal Identification: We evaluated health outcomes of interest (HOIs) using hierarchical trees based on ICD-10-CM diagnosis codes.

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1) **Standard ICD-10 trimmed tree:** We trimmed our tree to exclude outcomes that are unlikely to be drug-related (such as those with long induction and latency windows like neoplasms; or those caused by external factors). Chapters beginning with C (neoplasms), D* (neoplasms), O (pregnancy), P (perinatal), Q (congenital malformations), V-Y* were excluded. The asterisk * indicates some exceptions, for example, neoplasms of uncertain behavior of lymphoid, hematopoietic, and related tissue (D47), falls (W00-W19), intentional self-harm (X71-X83) are retained on the tree as they may be related to drug exposures.

2) **Designated medical events (DME) tree:** The DME tree was constructed by refining the original ICD-10-CM diagnosis codes-based hierarchical tree by retaining only the codes pertinent to the serious and often drug-related events from the FDA's DME list, the European Medicines Agency's (EMA) DME list, list of adverse events in the surveillance of COVID-19 mRNA vaccination[2] and other clinically important events such as congestive heart failure.
Since the FDA and EMA's DME lists were based on Medical Dictionary for Regulatory Activities or MedDRA Preferred Terms (PT), the terms were first mapped to ICD-10-CM codes and the mapping results were reviewed by the FDA.

In our primary Tree-Only Scan analyses (Standard or Designated Trees), we identified incident HOIs occurring in the inpatient or emergency department settings. In our sensitivity analyses, we identified HOIs occurring in the inpatient, emergency department, or ambulatory settings. An outcome was considered to be incident if there was no evidence of an outcome with the same first 3 digits of the ICD-10-CM code in the prior 400 days in any setting.

Tree-Based Scan Statistics: Potential signals were identified via the TreeScan™ software (version 2.3), which is a data-mining software that implements tree-based scan statistics. The software was used to determine whether there were imbalances in outcome occurrence between the plecanatide (exposure) and prucalopride (comparator) initiators (and vice versa) that rose to the level of statistical significance. Under the null hypothesis, there is no position on the tree where outcomes are expected to occur in a ratio other than the fixed match ratio (1:1) of the cohort. We used unconditional Bernoulli tree-based scan statistic to calculate the log likelihood ratio for every 3rd-5th level node of the outcome tree. Please see **Appendix J** for calculation of test statistics.

Please see **Appendices K-N** for the specifications of parameters used in this request and design diagrams.

Limitations: Statistical signals identified in these analyses do not imply causal relationships between treatments and outcomes, and require further evaluation. Algorithms to define exposures, outcomes, exclusion criteria, and characteristics are imperfect and may be misclassified. Therefore, data should be interpreted with this limitation in mind.

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

[1]The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

[2]Klein NP, Lewis N, Goddard K, Fireman B, Zerbo O, Hanson KE, Donahue JG, Kharbanda EO, Naleway A, Nelson JC, Xu S, Yih WK, Glanz JM, Williams JTB, Hambidge SJ, Lewin BJ, Shimabukuro TT, DeStefano F, Weintraub ES. Surveillance for Adverse Events After COVID-19 mRNA Vaccination. JAMA. 2021 Oct 12;326(14):1390-1399.

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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" sequence.

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

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

Evaluation Period - number of days relative to index wherein a member is required to have evidence of a condition (diagnosis/procedure/drug dispensing).

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.

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

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

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

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

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

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

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

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

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 before exposure episode that 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 Propensity Score Analysis (PSA) Tool*

Covariate - requester defined binary variable to include in the propensity score estimation model (e.g., diabetes, heart failure, etc.) during requester-defined lookback period. Requester may also choose to add any of the following categorical, continuous, or count metrics to the propensity score estimation model:

1. Age (continuous)
2. Sex
3. Time period (i.e., monitoring period for sequential analyses)
4. Year of exposure
5. Comorbidity score
6. Medical utilization – number of inpatient stays
7. Medical utilization – number of institutional stays
8. Medical utilization – number of emergency department visits
9. Medical utilization – number of outpatient visits
10. Health care utilization – number of other ambulatory encounters (e.g., telemedicine, email consults)
11. Drug utilization – number of dispensings
12. Drug utilization – number of unique generics dispensed
13. Drug Utilization – number of unique drug classes dispensed

Covariate Evaluation Window - specified number of days relative to index date to evaluate the occurrence of covariates of interest. Note: members are required to have continuous enrollment during the covariate evaluation window, regardless of the value included in the "Continuous enrollment before exposure" field.

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 (proportional hazards) regression.

Mahalanobis Distance - provides a measure of balance across all variables while accounting for their correlation.

Matching Caliper - maximum allowed difference in propensity scores between treatment and control patients. Requester may select any caliper (e.g., 0.01, 0.025, and 0.05).

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

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

Propensity Score Stratification - option to stratify propensity scores based on requester-defined percentiles in the unmatched population. In a stratified analysis, a Cox model, stratified by Data Partner site, is run on the stratified population. Note that all patients identified in exposure and comparator cohorts are used in the analysis.

PSM Tool - performs effect estimation by comparing exposure propensity-score matched parallel new user cohorts. Propensity score estimation and matching are conducted within each Sentinel Data Partner site via distributed programming code; data are returned to the SOC, aggregated, and used to calculate effect estimates.

Risk-set Level Data Return - alternative to the patient-level data return approach. In this approach, the PSM 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.

Zero Cell Correction - indicator for whether to screen variables with a zero correction added to each cell in the confounder/outcome 2x2 table. Recommended when the number of exposed outcomes is fewer than 150.

*all terms may not be used in this report

Table 1a. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 90-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference
Unique patients	25,119	100.0%	58,518	100.0%	N/A	N/A
Demographic Characteristics						
Age (years)*	56.6	14.8	58.5	13.8	-1.934	-0.135
Age						
18-24 years	1,502	6.0%	2,267	3.9%	2.106	0.097
25-34 years	2,212	8.8%	4,278	7.3%	1.496	0.055
35-44 years	3,197	12.7%	7,440	12.7%	0.013	0.000
45-54 years	4,210	16.8%	10,326	17.6%	-0.886	-0.023
55-64 years	4,293	17.1%	10,942	18.7%	-1.608	-0.042
65-74 years	5,664	22.5%	11,801	20.2%	2.382	0.058
≥ 75 years	4,041	16.1%	11,464	19.6%	-3.503	-0.092
Sex*						
Female	19,690	78.4%	45,442	77.7%	0.732	0.018
Male	5,429	21.6%	13,076	22.3%	-0.732	-0.018
Race*[3]						
American Indian or Alaska Native	83	0.3%	151	0.3%	0.072	0.013
Asian	450	1.8%	1,710	2.9%	-1.131	-0.075
Black or African American	1,960	7.8%	7,048	12.0%	-4.241	-0.142
Multi-racial	269	1.1%	688	1.2%	-0.105	-0.010
Native Hawaiian or Other Pacific Islander	31	0.1%	118	0.2%	-0.078	-0.019
Unknown	5,589	22.3%	14,674	25.1%	-2.826	-0.067
White	16,737	66.6%	34,129	58.3%	8.309	0.172
Hispanic origin						

Table 1a. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 90-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference
Yes	1,102	4.4%	4,364	7.5%	-3.070	-0.130
No	17,821	70.9%	39,866	68.1%	2.820	0.061
Unknown	6,196	24.7%	14,288	24.4%	0.250	0.006
Year*						
2019	2,634	10.5%	7,728	13.2%	-2.720	-0.084
2020	4,531	18.0%	9,845	16.8%	1.214	0.032
2021	4,420	17.6%	11,404	19.5%	-1.892	-0.049
2022	5,271	21.0%	10,828	18.5%	2.480	0.062
2023	3,391	13.5%	8,765	15.0%	-1.479	-0.042
2024	3,213	12.8%	7,482	12.8%	0.005	0.000
2025	1,659	6.6%	2,466	4.2%	2.390	0.106
Health Characteristics						
Combined comorbidity score*[4]	3.1	3.0	2.5	2.7	0.592	0.207
Abdominal imaging*	15,632	62.2%	31,208	53.3%	8.901	0.181
Abdominal surgeries*	1,275	5.1%	2,137	3.7%	1.424	0.070
Chronic idiopathic constipation (CIC)*	5,858	23.3%	10,617	18.1%	5.178	0.128
Colonosopy*	8,268	32.9%	19,019	32.5%	0.414	0.009
Colorectal cancer*	360	1.4%	790	1.4%	0.083	0.007
Constipation*	17,862	71.1%	39,627	67.7%	3.392	0.074
Endoscopy*	550	2.2%	499	0.9%	1.337	0.109
disorders*	8,960	35.7%	5,549	9.5%	26.188	0.660
Gastroesophageal reflux disease*	15,034	59.9%	29,599	50.6%	9.270	0.187
Gastrointestinal obstruction*	2,295	9.1%	2,901	5.0%	4.179	0.164

Table 1a. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 90-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference
Gastrointestinal symptoms*	19,695	78.4%	37,857	64.7%	13.714	0.308
Irritable bowel syndrome*	5,328	21.2%	8,958	15.3%	5.903	0.153
constipation*	3,469	13.8%	9,721	16.6%	-2.802	-0.078
conditions*	3,683	14.7%	6,668	11.4%	3.267	0.097
Other functional intestinal disorders*	2,088	8.3%	1,490	2.5%	5.766	0.257
Celiac Disease*	436	1.7%	619	1.1%	0.678	0.058
Acute kidney failure*	1,838	7.3%	3,153	5.4%	1.929	0.079
Acute myocardial infarction*	559	2.2%	1,226	2.1%	0.130	0.009
Alcohol Use*	720	2.9%	1,530	2.6%	0.252	0.015
Arrhythmia*	8,639	34.4%	16,757	28.6%	5.757	0.124
Chronic kidney disease*	3,860	15.4%	8,961	15.3%	0.054	0.001
Chronic Obstructive Pulmonary Disease*	4,338	17.3%	10,195	17.4%	-0.152	-0.004
Type 1 or Type 2 diabetes mellitus*	7,076	28.2%	17,627	30.1%	-1.952	-0.043
Dialysis*	632	2.5%	886	1.5%	1.002	0.071
Electrolyte disorders*	6,034	24.0%	10,237	17.5%	6.528	0.161
Heart failure*	2,605	10.4%	6,294	10.8%	-0.385	-0.013
Hyperlipidemia*	13,873	55.2%	34,682	59.3%	-4.038	-0.082
Hypertension*	12,972	51.6%	33,666	57.5%	-5.889	-0.118
Hypothyroidism*	7,223	28.8%	15,452	26.4%	2.350	0.053
Ischemic heart disease*	4,846	19.3%	11,738	20.1%	-0.767	-0.019
Conditions*	4,478	17.8%	9,235	15.8%	2.046	0.055
Neurological and Psychiatric Conditions*	19,122	76.1%	41,336	70.6%	5.488	0.124
Obesity*	6,157	24.5%	17,743	30.3%	-5.809	-0.131

Table 1a. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 90-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference
Other Cancers*	2,972	11.8%	5,933	10.1%	1.693	0.054
Rheumatoid Arthritis*	11,598	46.2%	26,668	45.6%	0.600	0.012
Stroke/Transient Ishemic Attack*	1,717	6.8%	3,873	6.6%	0.217	0.009
Smoking*	6,222	24.8%	13,612	23.3%	1.509	0.035
Medical Product Use						
constipation*	1,149	4.6%	1,262	2.2%	2.418	0.134
Antacids	350	1.4%	845	1.4%	-0.051	-0.004
Antibiotics*	19,756	78.6%	43,727	74.7%	3.926	0.093
Antidepressants*	15,310	60.9%	31,897	54.5%	6.442	0.131
Antidiarrheals*	604	2.4%	1,135	1.9%	0.465	0.032
Antipsychotics*	4,673	18.6%	8,812	15.1%	3.545	0.095
Bethanechol*	271	1.1%	220	0.4%	0.703	0.083
Bile-acid agnets*	587	2.3%	710	1.2%	1.124	0.085
anticholinergics*	5,980	23.8%	12,071	20.6%	3.179	0.077
Calcium Channel Blockers*	5,102	20.3%	13,502	23.1%	-2.762	-0.067
Diuretics*	6,716	26.7%	18,074	30.9%	-4.149	-0.092
Erythromycin*	1,018	4.1%	298	0.5%	3.543	0.239
Histamine H2-Receptor Antagonists*	5,638	22.4%	10,812	18.5%	3.969	0.098
Laxatives*	4,453	17.7%	11,446	19.6%	-1.832	-0.047
Metoclopramide*	4,686	18.7%	4,560	7.8%	10.863	0.325
Opioids*	13,225	52.6%	28,019	47.9%	4.768	0.095
Potassium-competitive acid blockers	52	0.2%	51	0.1%	0.120	0.031
Proton-pump inhibitors*	15,287	60.9%	32,083	54.8%	6.032	0.122

Table 1a. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 90-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference
Tenapanor*	240	1.0%	220	0.4%	0.579	0.071
Chloride channel activators -Lubiprostone- in Previous 183 Days	573	2.3%	971	1.7%	0.622	0.045
Other 5-hydroxytryptamine type 4 (5-HT4) receptor agonists -Tegaserod- in Previous 183 Days	20	0.1%	*****	*****	*****	0.028
Other guanylate cyclase-C (GC-C) agonists -Linaclotide- in Previous 183 Days	1,584	6.3%	3,282	5.6%	0.697	0.029
Plecanatide in Previous 183 Days	216	0.9%	58,518	100.0%	-99.140	-15.185
Prucalopride in Previous 183 Days	25,119	100.0%	131	0.2%	99.776	29.856
Health Service Utilization Intensity Metrics						
Mean number of ambulatory encounters*	41.7	34.1	34.0	30.8	7.677	0.236
Mean number of emergency room encounters* Mean	1.5	3.7	1.2	2.7	0.360	0.112
number of inpatient hospital encounters*	0.5	1.3	0.3	0.8	0.203	0.188
Mean number of non-acute institutional encounters*	0.1	0.5	0.1	0.3	0.017	0.040
Mean number of other ambulatory encounters*	18.4	42.1	13.7	34.6	4.752	0.123
Mean number of filled prescriptions	65.0	55.7	61.0	52.1	3.940	0.073
Mean number of unique drug classes dispensed	15.2	8.0	14.2	7.6	0.993	0.128

Table 1a. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 90-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference

[*] Covariate included in the propensity score logistic regression model.

[1] Covariates in blue show a standardized difference greater than 0.1.

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

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

[4] Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759. Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and validation of the combined comorbidity score for ICD-10-CM. Med Care. 2017;55(12):1046-1051.

*****Data are not presented in these cells due to a small sample size or to assure that small cell counts cannot be recalculated from the cells presented or through cross-table comparisons.

Table 1b. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Unique patients	20,225	80.5%	20,225	34.6%	N/A	N/A
Demographic Characteristics						
Age (years)*	57.6	14.3	57.7	14.5	-0.148	-0.010
Age						
18-24 years	1,058	5.2%	936	4.6%	0.603	0.028
25-34 years	1,616	8.0%	1,608	8.0%	0.040	0.001
35-44 years	2,477	12.2%	2,641	13.1%	-0.811	-0.024
45-54 years	3,362	16.6%	3,436	17.0%	-0.366	-0.010
55-64 years	3,506	17.3%	3,600	17.8%	-0.465	-0.012
65-74 years	4,722	23.3%	4,350	21.5%	1.839	0.044
≥ 75 years	3,484	17.2%	3,654	18.1%	-0.841	-0.022
Sex*						
Female	15,819	78.2%	15,816	78.2%	0.015	0.000
Male	4,406	21.8%	4,409	21.8%	-0.015	-0.000
Race*[4]						
American Indian or Alaska Native	*****	*****	*****	*****	0.005	0.001
Asian	*****	*****	*****	*****	0.035	0.002
Black or African American	1,713	8.5%	1,668	8.2%	0.222	0.008
Multi-racial	219	1.1%	210	1.0%	0.044	0.004
Native Hawaiian or Other Pacific Islander	*****	*****	*****	*****	-0.010	-0.003
Unknown	4,431	21.9%	4,460	22.1%	-0.143	-0.003
White	13,375	66.1%	13,406	66.3%	-0.153	-0.003

Table 1b. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Hispanic origin						
Yes	*****	*****	*****	*****	0.089	0.004
No	14,415	71.3%	14,369	71.0%	0.227	0.005
Unknown	*****	*****	*****	*****	-0.316	-0.007
Year*						
2019	2,167	10.7%	2,156	10.7%	0.054	0.002
2020	3,654	18.1%	3,650	18.0%	0.020	0.001
2021	3,673	18.2%	3,711	18.3%	-0.188	-0.005
2022	4,171	20.6%	4,209	20.8%	-0.188	-0.005
2023	2,811	13.9%	2,808	13.9%	0.015	0.000
2024	2,568	12.7%	2,528	12.5%	0.198	0.006
2025	1,181	5.8%	1,163	5.8%	0.089	0.004
Health Characteristics						
Combined comorbidity score*[5]	2.8	2.8	2.8	2.9	0.014	0.005
Abdominal imaging*	12,038	59.5%	12,162	60.1%	-0.613	-0.013
Abdominal surgeries*	844	4.2%	843	4.2%	0.005	0.000
Chronic idiopathic constipation (CIC)*	4,460	22.1%	4,505	22.3%	-0.222	-0.005
Colonosopy*	6,719	33.2%	6,865	33.9%	-0.722	-0.015
Colorectal cancer*	287	1.4%	284	1.4%	0.015	0.001
Constipation*	14,373	71.1%	14,489	71.6%	-0.574	-0.013
Endoscopy*	331	1.6%	312	1.5%	0.094	0.008
Functional upper gastrointestinal disorders*	4,827	23.9%	4,812	23.8%	0.074	0.002

Table 1b. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Gastroesophageal reflux disease*	11,440	56.6%	11,529	57.0%	-0.440	-0.009
Gastrointestinal obstruction*	1,516	7.5%	1,529	7.6%	-0.064	-0.002
Gastrointestinal symptoms*	15,160	75.0%	15,326	75.8%	-0.821	-0.019
Irritable bowel syndrome*	4,069	20.1%	4,137	20.5%	-0.336	-0.008
Irritable bowel syndrome with constipation*	2,976	14.7%	3,080	15.2%	-0.514	-0.014
Inflammatory bowel and colonic conditions*	2,740	13.5%	2,686	13.3%	0.267	0.008
Other functional intestinal disorders*	1,205	6.0%	1,170	5.8%	0.173	0.007
Celiac Disease*	304	1.5%	316	1.6%	-0.059	-0.005
Acute kidney failure*	1,260	6.2%	1,276	6.3%	-0.079	-0.003
Acute myocardial infarction*	425	2.1%	413	2.0%	0.059	0.004
Alcohol Use*	547	2.7%	540	2.7%	0.035	0.002
Arrhythmia*	6,490	32.1%	6,524	32.3%	-0.168	-0.004
Chronic kidney disease*	3,025	15.0%	3,025	15.0%	0.000	0.000
Chronic Obstructive Pulmonary Disease*	3,418	16.9%	3,511	17.4%	-0.460	-0.012
Type 1 or Type 2 diabetes mellitus*	5,612	27.7%	5,496	27.2%	0.574	0.013
Dialysis*	374	1.8%	388	1.9%	-0.069	-0.005
Electrolyte disorders*	4,237	20.9%	4,160	20.6%	0.381	0.009
Heart failure*	2,054	10.2%	2,047	10.1%	0.035	0.001
Hyperlipidemia*	11,411	56.4%	11,461	56.7%	-0.247	-0.005
Hypertension*	10,603	52.4%	10,584	52.3%	0.094	0.002
Hypothyroidism*	5,767	28.5%	5,795	28.7%	-0.138	-0.003
Ischemic heart disease*	3,931	19.4%	3,995	19.8%	-0.316	-0.008

Table 1b. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Liver Disease Cirrhosis and Other Liver Conditions*	3,397	16.8%	3,433	17.0%	-0.178	-0.005
Neurological and Psychiatric Conditions*	15,077	74.5%	15,094	74.6%	-0.084	-0.002
Obesity*	5,083	25.1%	4,990	24.7%	0.460	0.011
Other Cancers*	2,322	11.5%	2,371	11.7%	-0.242	-0.008
Rheumatoid Arthritis*	9,336	46.2%	9,367	46.3%	-0.153	-0.003
Stroke/Transient Ishemic Attack*	1,380	6.8%	1,352	6.7%	0.138	0.006
Smoking*	4,880	24.1%	4,845	24.0%	0.173	0.004
Medical Product Use						
Agents approved for opioid-induced constipation*	785	3.9%	792	3.9%	-0.035	-0.002
Antacids	258	1.3%	264	1.3%	-0.030	-0.003
Antibiotics*	15,617	77.2%	15,678	77.5%	-0.302	-0.007
Antidepressants*	11,941	59.0%	11,925	59.0%	0.079	0.002
Antidiarrheals*	425	2.1%	417	2.1%	0.040	0.003
Antipsychotics*	3,417	16.9%	3,439	17.0%	-0.109	-0.003
Bethanechol*	157	0.8%	139	0.7%	0.089	0.010
Bile-acid agnets*	381	1.9%	373	1.8%	0.040	0.003
Bladder and gastrointestinal anticholinergics*	4,494	22.2%	4,547	22.5%	-0.262	-0.006
Calcium Channel Blockers*	4,173	20.6%	4,196	20.7%	-0.114	-0.003
Diuretics*	5,501	27.2%	5,460	27.0%	0.203	0.005
Erythromycin*	299	1.5%	259	1.3%	0.198	0.017
Histamine H2-Receptor Antagonists*	4,198	20.8%	4,199	20.8%	-0.005	-0.000
Laxatives*	3,575	17.7%	3,643	18.0%	-0.336	-0.009

Table 1b. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Metoclopramide*	2,727	13.5%	2,676	13.2%	0.252	0.007
Opioids*	10,219	50.5%	10,248	50.7%	-0.143	-0.003
Potassium-competitive acid blockers	*****	*****	*****	*****	0.035	0.009
Proton-pump inhibitors*	11,747	58.1%	11,738	58.0%	0.044	0.001
Tenapanor*	*****	*****	*****	*****	-0.030	-0.003
Chloride channel activators -Lubiprostone- in Previous 183 Days	*****	*****	*****	*****	0.311	0.021
Other 5-hydroxytryptamine type 4 (5-HT4) receptor agonists -Tegaserod- in Previous 183 Days	*****	*****	*****	*****	*****	0.027
Other guanylate cyclase-C (GC-C) agonists -Linaclotide- in Previous 183 Days	1,313	6.5%	1,263	6.2%	0.247	0.010
Plecanatide in Previous 183 Days	175	0.9%	20,225	100.0%	-99.135	-15.137
Prucalopride in Previous 183 Days	20,225	100.0%	79	0.4%	99.609	22.584
Health Service Utilization Intensity Metrics						
Mean number of ambulatory encounters*	39.1	32.0	39.2	34.9	-0.094	-0.003
Mean number of emergency room encounters*	1.3	3.4	1.3	3.2	0.005	0.001
Mean number of inpatient hospital encounters*	0.4	1.0	0.4	1.0	0.003	0.003
Mean number of non-acute institutional encounters*	0.1	0.4	0.1	0.4	0.000	0.001
Mean number of other ambulatory encounters*	15.7	37.3	15.6	37.9	0.070	0.002
Mean number of filled prescriptions	62.0	53.6	62.3	51.8	-0.238	-0.005
Mean number of unique drug classes dispensed	14.7	7.8	14.8	7.9	-0.076	-0.010

Table 1b. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference

[*] Covariate included in the propensity score logistic regression model.

[1] For matched baseline characteristics, only one orientation of each matched analysis is presented. When propensity score matching is repeated with exposure and comparator reversed, the matched sample may differ slightly even when based on the same eligible population and propensity score model. This can occur because the matching process may select different patients among those with very similar propensity scores. Only one orientation of each matched analysis is presented because displaying both directions could allow small cell counts to be inferred by comparing nearly identical tables and would consequently lead to masking of many cells.

[2] Covariates in blue show a standardized difference greater than 0.1.

[3] Value represents standard deviation where no % follows the value.

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

[5] Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759. Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and validation of the combined comorbidity score for ICD-10-CM. Med Care. 2017;55(12):1046-1051.

*****Data are not presented in these cells due to a small sample size or to assure that small cell counts cannot be recalculated from the cells presented or through cross-table comparisons.

Table 1c. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (High-Dimensional [hdPS] and User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Unique patients	17,632	70.2%	17,632	30.1%	N/A	N/A
Demographic Characteristics						
Age (years)*	57.9	14.2	58.0	14.4	-0.069	-0.005
Age						
18-24 years	882	5.0%	837	4.7%	0.255	0.012
25-34 years	1,398	7.9%	1,381	7.8%	0.096	0.004
35-44 years	2,150	12.2%	2,235	12.7%	-0.482	-0.015
45-54 years	2,894	16.4%	2,883	16.4%	0.062	0.002
55-64 years	2,985	16.9%	3,107	17.6%	-0.692	-0.018
65-74 years	4,145	23.5%	3,904	22.1%	1.367	0.033
≥ 75 years	3,178	18.0%	3,285	18.6%	-0.607	-0.016
Sex*						
Female	13,774	78.1%	13,800	78.3%	-0.147	-0.004
Male	3,858	21.9%	3,832	21.7%	0.147	0.004
Race*[4]						
American Indian or Alaska Native	*****	*****	*****	*****	-0.011	-0.002
Asian	*****	*****	*****	*****	0.079	0.006
Black or African American	1,530	8.7%	1,467	8.3%	0.357	0.013
Multi-racial	194	1.1%	179	1.0%	0.085	0.008
Native Hawaiian or Other Pacific Islander	*****	*****	*****	*****	0.006	0.002
Unknown	3,788	21.5%	3,722	21.1%	0.374	0.009
White	11,706	66.4%	11,863	67.3%	-0.890	-0.019
Hispanic origin						

Table 1c. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (High-Dimensional [hdPS] and User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Yes	815	4.6%	787	4.5%	0.159	0.008
No	12,734	72.2%	12,784	72.5%	-0.284	-0.006
Unknown	4,083	23.2%	4,061	23.0%	0.125	0.003
Year*						
2019	1,892	10.7%	1,931	11.0%	-0.221	-0.007
2020	3,228	18.3%	3,224	18.3%	0.023	0.001
2021	3,223	18.3%	3,237	18.4%	-0.079	-0.002
2022	3,709	21.0%	3,661	20.8%	0.272	0.007
2023	2,414	13.7%	2,374	13.5%	0.227	0.007
2024	2,172	12.3%	2,208	12.5%	-0.204	-0.006
2025	994	5.6%	997	5.7%	-0.017	-0.001
Health Characteristics						
Combined comorbidity score*[5]	2.8	2.9	2.8	2.8	-0.001	-0.000
Abdominal imaging*	10,370	58.8%	10,441	59.2%	-0.403	-0.008
Abdominal surgeries*	680	3.9%	722	4.1%	-0.238	-0.012
Chronic idiopathic constipation (CIC)*	3,832	21.7%	3,892	22.1%	-0.340	-0.008
Colonosopy*	5,855	33.2%	5,911	33.5%	-0.318	-0.007
Colorectal cancer*	248	1.4%	256	1.5%	-0.045	-0.004
Constipation*	12,592	71.4%	12,734	72.2%	-0.805	-0.018
Endoscopy*	267	1.5%	241	1.4%	0.147	0.012
Functional upper gastrointestinal disorders*	3,866	21.9%	3,856	21.9%	0.057	0.001
Gastroesophageal reflux disease*	9,840	55.8%	9,836	55.8%	0.023	0.000
Gastrointestinal obstruction*	1,271	7.2%	1,253	7.1%	0.102	0.004

Table 1c. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (High-Dimensional [hdPS] and User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Gastrointestinal symptoms*	12,923	73.3%	13,001	73.7%	-0.442	-0.010
Irritable bowel syndrome*	3,388	19.2%	3,459	19.6%	-0.403	-0.010
Irritable bowel syndrome with constipation*	2,660	15.1%	2,719	15.4%	-0.335	-0.009
Inflammatory bowel and colonic conditions*	2,335	13.2%	2,343	13.3%	-0.045	-0.001
Other functional intestinal disorders*	974	5.5%	929	5.3%	0.255	0.011
Celiac Disease*	263	1.5%	233	1.3%	0.170	0.014
Acute kidney failure*	1,053	6.0%	1,030	5.8%	0.130	0.006
Acute myocardial infarction*	361	2.0%	347	2.0%	0.079	0.006
Alcohol Use*	456	2.6%	481	2.7%	-0.142	-0.009
Arrhythmia*	5,542	31.4%	5,494	31.2%	0.272	0.006
Chronic kidney disease*	2,617	14.8%	2,563	14.5%	0.306	0.009
Chronic Obstructive Pulmonary Disease*	2,994	17.0%	3,033	17.2%	-0.221	-0.006
Type 1 or Type 2 diabetes mellitus*	4,840	27.5%	4,822	27.3%	0.102	0.002
Dialysis*	336	1.9%	337	1.9%	-0.006	-0.000
Electrolyte disorders*	3,579	20.3%	3,592	20.4%	-0.074	-0.002
Heart failure*	1,742	9.9%	1,723	9.8%	0.108	0.004
Hyperlipidemia*	9,986	56.6%	9,975	56.6%	0.062	0.001
Hypertension*	9,318	52.8%	9,268	52.6%	0.284	0.006
Hypothyroidism*	5,023	28.5%	5,062	28.7%	-0.221	-0.005
Ischemic heart disease*	3,430	19.5%	3,329	18.9%	0.573	0.015
Liver Disease Cirrhosis and Other Liver Conditions*	2,888	16.4%	2,963	16.8%	-0.425	-0.011
Neurological and Psychiatric Conditions*	13,001	73.7%	13,064	74.1%	-0.357	-0.008
Obesity*	4,399	24.9%	4,382	24.9%	0.096	0.002

Table 1c. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (High-Dimensional [hdPS] and User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Other Cancers*	2,064	11.7%	2,064	11.7%	0.000	0.000
Rheumatoid Arthritis*	8,154	46.2%	8,215	46.6%	-0.346	-0.007
Stroke/Transient Ishemic Attack*	1,173	6.7%	1,184	6.7%	-0.062	-0.002
Smoking*	4,220	23.9%	4,289	24.3%	-0.391	-0.009
Medical Product Use						
Agents approved for opioid-induced constipation*	676	3.8%	718	4.1%	-0.238	-0.012
Antacids	216	1.2%	230	1.3%	-0.079	-0.007
Antibiotics*	13,440	76.2%	13,474	76.4%	-0.193	-0.005
Antidepressants*	10,332	58.6%	10,436	59.2%	-0.590	-0.012
Antidiarrheals*	366	2.1%	380	2.2%	-0.079	-0.006
Antipsychotics*	2,979	16.9%	2,997	17.0%	-0.102	-0.003
Bethanechol*	110	0.6%	128	0.7%	-0.102	-0.012
Bile-acid agnets*	300	1.7%	307	1.7%	-0.040	-0.003
Bladder and gastrointestinal anticholinergics*	3,827	21.7%	3,885	22.0%	-0.329	-0.008
Calcium Channel Blockers*	3,699	21.0%	3,732	21.2%	-0.187	-0.005
Diuretics*	4,801	27.2%	4,785	27.1%	0.091	0.002
Erythromycin*	257	1.5%	241	1.4%	0.091	0.008
Histamine H2-Receptor Antagonists*	3,574	20.3%	3,589	20.4%	-0.085	-0.002
Laxatives*	3,130	17.8%	3,212	18.2%	-0.465	-0.012
Metoclopramide*	2,243	12.7%	2,191	12.4%	0.295	0.009
Opioids*	8,814	50.0%	8,905	50.5%	-0.516	-0.010
Potassium-competitive acid blockers	*****	*****	*****	*****	0.017	0.004
Proton-pump inhibitors*	10,100	57.3%	10,171	57.7%	-0.403	-0.008

Table 1c. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (High-Dimensional [hdPS] and User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Tenapanor*	136	0.8%	141	0.8%	-0.028	-0.003
Chloride channel activators -Lubiprostone- in Previous 183 Days	425	2.4%	413	2.3%	0.068	0.004
Other 5-hydroxytryptamine type 4 (5-HT4) receptor agonists -Tegaserod- in Previous 183 Days	*****	*****	*****	*****	*****	0.021
Other guanylate cyclase-C (GC-C) agonists -Linaclotide- in Previous 183 Days	1,245	7.1%	950	5.4%	1.673	0.069
Plecanatide in Previous 183 Days	*****	*****	17,632	100.0%	-99.013	-14.166
Prucalopride in Previous 183 Days	17,632	100.0%	*****	*****	99.495	19.855
Health Service Utilization Intensity Metrics						
Mean number of ambulatory encounters*	38.6	32.7	38.7	33.2	-0.168	-0.005
Mean number of emergency room encounters*	1.3	3.4	1.3	2.8	0.018	0.006
Mean number of inpatient hospital encounters*	0.4	1.0	0.3	1.0	0.007	0.007
Mean number of non-acute institutional encounters*	0.1	0.4	0.1	0.3	0.001	0.003
Mean number of other ambulatory encounters*	15.7	38.5	15.9	38.9	-0.224	-0.006
Mean number of filled prescriptions	61.1	52.1	61.7	52.5	-0.611	-0.012
Mean number of unique drug classes dispensed	14.5	7.7	14.6	7.7	-0.098	-0.013

Table 1c. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 90-Day Washout (High-Dimensional [hdPS] and User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference

[*] Covariate included in the propensity score logistic regression model.

[1] For matched baseline characteristics, only one orientation of each matched analysis is presented. When propensity score matching is repeated with exposure and comparator reversed, the matched sample may differ slightly even when based on the same eligible population and propensity score model. This can occur because the matching process may select different patients among those with very similar propensity scores. Only one orientation of each matched analysis is presented because displaying both directions could allow small cell counts to be inferred by comparing nearly identical tables and would consequently lead to masking of many cells.

[2] Covariates in blue show a standardized difference greater than 0.1.

[3] Value represents standard deviation where no % follows the value.

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

[5] Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759. Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and validation of the combined comorbidity score for ICD-10-CM. Med Care. 2017;55(12):1046-1051.

*****Data are not presented in these cells due to a small sample size or to assure that small cell counts cannot be recalculated from the cells presented or through cross-table comparisons.

Table 1d. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 183-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference
Unique patients	22,137	100.0%	51,332	100.0%	N/A	N/A
Demographic Characteristics						
Age (years)*	56.7	14.8	58.5	13.8	-1.864	-0.130
Age						
18-24 years	1,328	6.0%	2,024	3.9%	2.056	0.095
25-34 years	1,957	8.8%	3,760	7.3%	1.516	0.056
35-44 years	2,779	12.6%	6,494	12.7%	-0.097	-0.003
45-54 years	3,665	16.6%	9,038	17.6%	-1.051	-0.028
55-64 years	3,752	16.9%	9,515	18.5%	-1.587	-0.042
65-74 years	5,046	22.8%	10,307	20.1%	2.715	0.066
≥ 75 years	3,610	16.3%	10,194	19.9%	-3.551	-0.092
Sex*						
Female	17,257	78.0%	39,698	77.3%	0.620	0.015
Male	4,880	22.0%	11,634	22.7%	-0.620	-0.015
Race*[3]						
American Indian or Alaska Native	*****	*****	*****	*****	0.113	0.021
Asian	399	1.8%	1,508	2.9%	-1.135	-0.075
Black or African American	1,670	7.5%	6,098	11.9%	-4.336	-0.147
Multi-racial	234	1.1%	605	1.2%	-0.122	-0.012
Native Hawaiian or Other Pacific Islander	*****	*****	*****	*****	-0.085	-0.021
Unknown	4,931	22.3%	12,992	25.3%	-3.035	-0.071
White	14,798	66.8%	29,900	58.2%	8.599	0.178
Hispanic origin						

Table 1d. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 183-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference
Yes	944	4.3%	3,888	7.6%	-3.310	-0.141
No	15,722	71.0%	34,861	67.9%	3.109	0.068
Unknown	5,471	24.7%	12,583	24.5%	0.201	0.005
Year*						
2019	2,352	10.6%	6,421	12.5%	-1.884	-0.059
2020	4,069	18.4%	8,590	16.7%	1.647	0.043
2021	3,913	17.7%	10,176	19.8%	-2.148	-0.055
2022	4,625	20.9%	9,577	18.7%	2.236	0.056
2023	2,939	13.3%	7,826	15.2%	-1.969	-0.056
2024	2,762	12.5%	6,616	12.9%	-0.412	-0.012
2025	1,477	6.7%	2,126	4.1%	2.530	0.112
Health Characteristics						
Combined comorbidity score*[4]	3.1	3.0	2.5	2.7	0.617	0.215
Abdominal imaging*	13,694	61.9%	27,280	53.1%	8.716	0.177
Abdominal surgeries*	1,128	5.1%	1,848	3.6%	1.495	0.073
Chronic idiopathic constipation (CIC)*	4,916	22.2%	9,005	17.5%	4.665	0.117
Colonosopy*	7,223	32.6%	16,648	32.4%	0.197	0.004
Colorectal cancer*	309	1.4%	692	1.3%	0.048	0.004
Constipation*	15,492	70.0%	34,466	67.1%	2.839	0.061
Endoscopy*	498	2.2%	418	0.8%	1.435	0.117
Functional upper gastrointestinal disorders*	8,085	36.5%	4,712	9.2%	27.343	0.689
Gastroesophageal reflux disease*	13,230	59.8%	25,602	49.9%	9.889	0.200
Gastrointestinal obstruction*	2,030	9.2%	2,487	4.8%	4.325	0.170

Table 1d. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 183-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference
Gastrointestinal symptoms*	17,369	78.5%	33,107	64.5%	13.966	0.313
Irritable bowel syndrome*	4,602	20.8%	7,603	14.8%	5.977	0.157
Irritable bowel syndrome with constipation*	2,768	12.5%	8,093	15.8%	-3.262	-0.094
Inflammatory bowel and colonic conditions*	3,294	14.9%	5,795	11.3%	3.591	0.107
Other functional intestinal disorders*	1,842	8.3%	1,267	2.5%	5.853	0.261
Celiac Disease*	399	1.8%	542	1.1%	0.747	0.063
Acute kidney failure*	1,643	7.4%	2,712	5.3%	2.139	0.088
Acute myocardial infarction*	498	2.2%	1,078	2.1%	0.150	0.010
Alcohol Use*	621	2.8%	1,335	2.6%	0.205	0.013
Arrhythmia*	7,653	34.6%	14,647	28.5%	6.037	0.130
Chronic kidney disease*	3,381	15.3%	7,834	15.3%	0.012	0.000
Chronic Obstructive Pulmonary Disease*	3,789	17.1%	8,871	17.3%	-0.165	-0.004
Type 1 or Type 2 diabetes mellitus*	6,248	28.2%	15,468	30.1%	-1.909	-0.042
Dialysis*	566	2.6%	774	1.5%	1.049	0.074
Electrolyte disorders*	5,331	24.1%	8,887	17.3%	6.769	0.168
Heart failure*	2,296	10.4%	5,515	10.7%	-0.372	-0.012
Hyperlipidemia*	12,248	55.3%	30,425	59.3%	-3.943	-0.080
Hypertension*	11,421	51.6%	29,468	57.4%	-5.814	-0.117
Hypothyroidism*	6,354	28.7%	13,542	26.4%	2.322	0.052
Ischemic heart disease*	4,307	19.5%	10,292	20.0%	-0.594	-0.015
Liver Disease Cirrhosis and Other Liver Conditions*	3,947	17.8%	8,064	15.7%	2.120	0.057
Neurological and Psychiatric Conditions*	16,748	75.7%	35,884	69.9%	5.750	0.129
Obesity*	5,341	24.1%	15,491	30.2%	-6.051	-0.136

Table 1d. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 183-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference
Other Cancers*	2,648	12.0%	5,181	10.1%	1.869	0.060
Rheumatoid Arthritis*	10,175	46.0%	23,182	45.2%	0.803	0.016
Stroke/Transient Ishemic Attack*	1,488	6.7%	3,401	6.6%	0.096	0.004
Smoking*	5,454	24.6%	11,882	23.1%	1.490	0.035
Medical Product Use						
Agents approved for opioid-induced constipation*	957	4.3%	1,045	2.0%	2.287	0.131
Antacids	305	1.4%	758	1.5%	-0.099	-0.008
Antibiotics*	17,402	78.6%	38,162	74.3%	4.267	0.101
Antidepressants*	13,347	60.3%	27,535	53.6%	6.652	0.135
Antidiarrheals*	540	2.4%	1,010	2.0%	0.472	0.032
Antipsychotics*	4,030	18.2%	7,512	14.6%	3.571	0.096
Bethanechol*	243	1.1%	191	0.4%	0.726	0.085
Bile-acid agnets*	546	2.5%	619	1.2%	1.261	0.094
Bladder and gastrointestinal anticholinergics*	5,158	23.3%	10,388	20.2%	3.063	0.074
Calcium Channel Blockers*	4,471	20.2%	11,819	23.0%	-2.828	-0.069
Diuretics*	5,899	26.6%	15,751	30.7%	-4.037	-0.089
Erythromycin*	924	4.2%	259	0.5%	3.669	0.245
Histamine H2-Receptor Antagonists*	4,971	22.5%	9,323	18.2%	4.293	0.107
Laxatives*	3,812	17.2%	9,937	19.4%	-2.138	-0.055
Metoclopramide*	4,205	19.0%	3,863	7.5%	11.470	0.343
Opioids*	11,602	52.4%	24,252	47.2%	5.165	0.103
Potassium-competitive acid blockers	*****	*****	*****	*****	0.141	0.036
Proton-pump inhibitors*	13,442	60.7%	27,761	54.1%	6.641	0.135

Table 1d. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 183-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference
Tenapanor*	170	0.8%	164	0.3%	0.448	0.061
Chloride channel activators -Lubiprostone- in Previous 183 Days	0	0.0%	0	0.0%	NaN	NaN
Other 5-hydroxytryptamine type 4 (5-HT4) receptor agonists -Tegaserod- in Previous 183 Days	0	0.0%	0	0.0%	NaN	NaN
Other guanylate cyclase-C (GC-C) agonists -Linaclotide- in Previous 183 Days	0	0.0%	0	0.0%	NaN	NaN
Plecanatide in Previous 183 Days	0	0.0%	51,332	100.0%	NaN	NaN
Prucalopride in Previous 183 Days	22,137	100.0%	0	0.0%	NaN	NaN
Health Service Utilization Intensity Metrics						
Mean number of ambulatory encounters*	41.3	33.9	33.7	30.9	7.609	0.235
Mean number of emergency room encounters*	1.5	3.5	1.1	2.6	0.351	0.113
Mean number of inpatient hospital encounters*	0.5	1.3	0.3	0.8	0.214	0.196
Mean number of non-acute institutional encounters*	0.1	0.5	0.1	0.3	0.018	0.045
Mean number of other ambulatory encounters*	18.4	42.2	13.5	34.0	4.861	0.127
Mean number of filled prescriptions	63.7	55.4	59.6	51.7	4.044	0.075
Mean number of unique drug classes dispensed	14.9	7.9	13.9	7.5	0.985	0.128

Table 1d. Aggregated Unadjusted Characteristics of Prucalopride and Plecanatide Initiators After a 183-Day Washout in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[1]	Number/Mean	Percent/ Standard Deviation[2]	Number/Mean	Percent/ Standard Deviation[2]	Absolute Difference	Standardized Difference

[*]Covariate included in the propensity score logistic regression model.

[1]Covariates in blue show a standardized difference greater than 0.1.

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

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

[4]Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759. Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and validation of the combined comorbidity score for ICD-10-CM. Med Care. 2017;55(12):1046-1051.

*****Data are not presented in these cells due to a small sample size or to assure that small cell counts cannot be recalculated from the cells presented or through cross-table comparisons.

NaN: Not a number

Table 1e. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 183-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Unique patients	17,465	78.9%	17,465	34.0%	N/A	N/A
Demographic Characteristics						
Age (years)*	57.8	14.3	57.9	14.5	-0.060	-0.004
Age						
18-24 years	*****	*****	*****	*****	0.384	0.018
25-34 years	*****	*****	*****	*****	0.303	0.011
35-44 years	2,086	11.9%	*****	*****	-0.905	-0.027
45-54 years	2,847	16.3%	2,972	17.0%	-0.716	-0.019
55-64 years	3,003	17.2%	3,089	17.7%	-0.492	-0.013
65-74 years	4,132	23.7%	3,710	21.2%	2.416	0.058
≥ 75 years	3,089	17.7%	3,262	18.7%	-0.991	-0.026
Sex*						
Female	13,582	77.8%	13,614	78.0%	-0.183	-0.004
Male	3,883	22.2%	3,851	22.0%	0.183	0.004
Race*[4]						
American Indian or Alaska Native	*****	*****	*****	*****	-0.011	-0.002
Asian	351	2.0%	354	2.0%	-0.017	-0.001
Black or African American	1,439	8.2%	1,438	8.2%	0.006	0.000
Multi-racial	192	1.1%	193	1.1%	-0.006	-0.001
Native Hawaiian or Other Pacific Islander	*****	*****	*****	*****	-0.011	-0.003
Unknown	3,837	22.0%	3,820	21.9%	0.097	0.002
White	11,578	66.3%	11,588	66.3%	-0.057	-0.001
Hispanic origin						

Table 1e. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 183-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Yes	800	4.6%	773	4.4%	0.155	0.007
No	12,416	71.1%	12,454	71.3%	-0.218	-0.005
Unknown	4,249	24.3%	4,238	24.3%	0.063	0.001
Year*						
2019	1,858	10.6%	1,852	10.6%	0.034	0.001
2020	3,208	18.4%	3,210	18.4%	-0.011	-0.000
2021	3,200	18.3%	3,264	18.7%	-0.366	-0.009
2022	3,582	20.5%	3,626	20.8%	-0.252	-0.006
2023	2,388	13.7%	2,329	13.3%	0.338	0.010
2024	2,188	12.5%	2,148	12.3%	0.229	0.007
2025	1,041	6.0%	1,036	5.9%	0.029	0.001
Health Characteristics						
Combined comorbidity score*[5]	2.8	2.8	2.8	2.9	0.008	0.003
Abdominal imaging*	10,349	59.3%	10,311	59.0%	0.218	0.004
Abdominal surgeries*	730	4.2%	739	4.2%	-0.052	-0.003
Chronic idiopathic constipation (CIC)*	3,696	21.2%	3,698	21.2%	-0.011	-0.000
Colonosopy*	5,782	33.1%	5,885	33.7%	-0.590	-0.013
Colorectal cancer*	*****	*****	*****	*****	-0.017	-0.001
Constipation*	12,229	70.0%	12,351	70.7%	-0.699	-0.015
Endoscopy*	*****	*****	*****	*****	-0.115	-0.009
Functional upper gastrointestinal disorders*	4,072	23.3%	4,094	23.4%	-0.126	-0.003
Gastroesophageal reflux disease*	9,792	56.1%	9,865	56.5%	-0.418	-0.008
Gastrointestinal obstruction*	1,313	7.5%	1,313	7.5%	0.000	0.000

Table 1e. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 183-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Gastrointestinal symptoms*	13,064	74.8%	13,099	75.0%	-0.200	-0.005
Irritable bowel syndrome*	*****	*****	*****	*****	-0.120	-0.003
Irritable bowel syndrome with constipation*	2,379	13.6%	2,531	14.5%	-0.870	-0.025
Inflammatory bowel and colonic conditions*	2,363	13.5%	2,356	13.5%	0.040	0.001
Other functional intestinal disorders*	1,026	5.9%	974	5.6%	0.298	0.013
Celiac Disease*	*****	*****	*****	*****	-0.023	-0.002
Acute kidney failure*	1,080	6.2%	1,068	6.1%	0.069	0.003
Acute myocardial infarction*	349	2.0%	359	2.1%	-0.057	-0.004
Alcohol Use*	*****	*****	*****	*****	-0.052	-0.003
Arrhythmia*	5,561	31.8%	5,583	32.0%	-0.126	-0.003
Chronic kidney disease*	*****	*****	*****	*****	0.120	0.003
Chronic Obstructive Pulmonary Disease*	2,946	16.9%	2,921	16.7%	0.143	0.004
Type 1 or Type 2 diabetes mellitus*	4,829	27.6%	4,755	27.2%	0.424	0.009
Dialysis*	*****	*****	*****	*****	0.017	0.001
Electrolyte disorders*	3,632	20.8%	3,626	20.8%	0.034	0.001
Heart failure*	*****	*****	*****	*****	0.132	0.004
Hyperlipidemia*	9,888	56.6%	9,917	56.8%	-0.166	-0.003
Hypertension*	9,137	52.3%	9,183	52.6%	-0.263	-0.005
Hypothyroidism*	4,973	28.5%	5,031	28.8%	-0.332	-0.007
Ischemic heart disease*	3,430	19.6%	3,424	19.6%	0.034	0.001
Liver Disease Cirrhosis and Other Liver Conditions*	*****	*****	*****	*****	-0.240	-0.006
Neurological and Psychiatric Conditions*	12,866	73.7%	12,905	73.9%	-0.223	-0.005
Obesity*	4,313	24.7%	4,296	24.6%	0.097	0.002

Table 1e. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 183-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Other Cancers*	*****	*****	*****	*****	-0.166	-0.005
Rheumatoid Arthritis*	8,059	46.1%	8,094	46.3%	-0.200	-0.004
Stroke/Transient Ishemic Attack*	*****	*****	*****	*****	-0.172	-0.007
Smoking*	4,170	23.9%	4,101	23.5%	0.395	0.009
Medical Product Use						
Agents approved for opioid-induced constipation*	636	3.6%	644	3.7%	-0.046	-0.002
Antacids	*****	*****	*****	*****	-0.052	-0.005
Antibiotics*	13,457	77.1%	13,453	77.0%	0.023	0.001
Antidepressants*	10,164	58.2%	10,198	58.4%	-0.195	-0.004
Antidiarrheals*	*****	*****	*****	*****	-0.029	-0.002
Antipsychotics*	2,877	16.5%	2,878	16.5%	-0.006	-0.000
Bethanechol*	*****	*****	*****	*****	0.011	0.001
Bile-acid agnets*	329	1.9%	327	1.9%	0.011	0.001
Bladder and gastrointestinal anticholinergics*	3,809	21.8%	3,839	22.0%	-0.172	-0.004
Calcium Channel Blockers*	3,592	20.6%	3,599	20.6%	-0.040	-0.001
Diuretics*	4,770	27.3%	4,773	27.3%	-0.017	-0.000
Erythromycin*	*****	*****	*****	*****	0.292	0.024
Histamine H2-Receptor Antagonists*	3,574	20.5%	3,618	20.7%	-0.252	-0.006
Laxatives*	3,007	17.2%	3,062	17.5%	-0.315	-0.008
Metoclopramide*	2,334	13.4%	2,319	13.3%	0.086	0.003
Opioids*	8,709	49.9%	8,787	50.3%	-0.447	-0.009
Potassium-competitive acid blockers	*****	*****	*****	*****	0.046	0.012
Proton-pump inhibitors*	10,017	57.4%	9,917	56.8%	0.573	0.012

Table 1e. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 183-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference
Tenapanor*	113	0.6%	120	0.7%	-0.040	-0.005
Chloride channel activators -Lubiprostone- in Previous 183 Days	0	0.0%	0	0.0%	NaN	NaN
Other 5-hydroxytryptamine type 4 (5-HT4) receptor agonists -Tegaserod- in Previous 183 Days	0	0.0%	0	0.0%	NaN	NaN
Other guanylate cyclase-C (GC-C) agonists -Linaclotide- in Previous 183 Days	0	0.0%	0	0.0%	NaN	NaN
Plecanatide in Previous 183 Days	0	0.0%	17,465	100.0%	NaN	NaN
Prucalopride in Previous 183 Days	17,465	100.0%	0	0.0%	NaN	NaN
Health Service Utilization Intensity Metrics						
Mean number of ambulatory encounters*	38.6	31.5	38.8	34.6	-0.218	-0.007
Mean number of emergency room encounters*	1.3	3.3	1.3	3.0	-0.007	-0.002
Mean number of inpatient hospital encounters*	0.4	1.0	0.4	1.0	0.006	0.006
Mean number of non-acute institutional encounters*	0.1	0.4	0.1	0.4	0.001	0.001
Mean number of other ambulatory encounters*	15.6	37.5	15.5	37.4	0.100	0.003
Mean number of filled prescriptions	60.6	53.7	60.9	51.1	-0.307	-0.006
Mean number of unique drug classes dispensed	14.3	7.7	14.4	7.7	-0.078	-0.010

Table 1e. Aggregated Adjusted Characteristics of Prucalopride and Plecanatide Initiators[1] After a 183-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05) in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

	Medical Product				Covariate Balance	
	Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout			
Patient Characteristics[2]	Number/Mean	Percent/ Standard Deviation[3]	Number/Mean	Percent/ Standard Deviation[3]	Absolute Difference	Standardized Difference

[*] Covariate included in the propensity score logistic regression model.

[1] For matched baseline characteristics, only one orientation of each matched analysis is presented. When propensity score matching is repeated with exposure and comparator reversed, the matched sample may differ slightly even when based on the same eligible population and propensity score model. This can occur because the matching process may select different patients among those with very similar propensity scores. Only one orientation of each matched analysis is presented because displaying both directions could allow small cell counts to be inferred by comparing nearly identical tables and would consequently lead to masking of many cells.

[2] Covariates in blue show a standardized difference greater than 0.1.

[3] Value represents standard deviation where no % follows the value.

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

[5] Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759. Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and validation of the combined comorbidity score for ICD-10-CM. Med Care. 2017;55(12):1046-1051.

*****Data are not presented in these cells due to a small sample size or to assure that small cell counts cannot be recalculated from the cells presented or through cross-table comparisons.

NaN: Not a number

Table 2a. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Standard Tree, among Plecanatide Initiators After a 90-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Plecanatide Initiators	Expected Node Outcomes among Plecanatide Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
Irritable Bowel Syndrome	K58grp	3	1155	744	577.5	1.29	48.7	0.0001
Irritable Bowel Syndrome With Constipation	K581ngrp	5	586	400	293	1.37	40.0	0.0001
Constipation	K590grp	4	1862	1107	931	1.19	33.5	0.0001
Other Functional Intestinal Disorders	K59grp	3	1913	1132	956.5	1.18	32.4	0.0001
Constipation Unspecified	K5900grp	5	855	522	427.5	1.22	21.1	0.0001
Irritable Bowel Syndrome Unspecified	K589ngrp	5	371	241	185.5	1.30	16.9	0.0002
Hemorrhoids And Perianal Venous Thrombosis	K64grp	3	1258	706	629	1.12	9.45	0.0233
Change In Bowel Habit	R194ngrp	5	327	202	163.5	1.24	9.15	0.0294

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

Table 2b. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Standard Tree, among Plecanatide Initiators After a 90-Day Washout (High-Dimensional [hdPS] and User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Plecanatide Initiators	Expected Node Outcomes among Plecanatide Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
Irritable Bowel Syndrome	K58grp	3	955	583	477.5	1.22	23.5	0.0001
Constipation	K590grp	4	1640	954	820	1.16	22.0	0.0001
Other Functional Intestinal Disorders	K59grp	3	1691	979	845.5	1.16	21.2	0.0001
Irritable Bowel Syndrome With Constipation	K581ngrp	5	496	316	248	1.27	18.9	0.0001
Constipation Unspecified	K5900grp	5	779	467	389.5	1.20	15.5	0.0001
Sensitivity Analysis[5]: Excluding 1 Data Partner Due to Propensity Score Model Non-convergence								
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
Irritable Bowel Syndrome	K58grp	3	*****	*****	*****	1.22	21.4	0.0001
Constipation	K590grp	4	*****	*****	*****	1.16	20.9	0.0001
Other Functional Intestinal Disorders	K59grp	3	*****	*****	*****	1.16	20.5	0.0001
Irritable Bowel Syndrome With Constipation	K581ngrp	5	*****	*****	*****	1.27	16.6	0.0001
Constipation Unspecified	K5900grp	5	*****	*****	*****	1.19	14.0	0.0003
Irritable bowel syndrome, unspecified	K589ngrp	5	*****	*****	*****	1.26	9.57	0.0194

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

[5]Sensitivity analyses were conducted because the **hdPS model for the 90-day washout** did **not converge for one data partner**. A sensitivity analysis excluding that data partner was performed to assess the potential impact on results. The overall results and identified signals were largely unchanged in the sensitivity analysis.

*****Data are not presented in these cells due to a small sample size or to assure that small cell counts cannot be recalculated from the cells presented or through cross-table comparisons.

Table 2c. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Designated Medical Events (DME) Tree, among Plecanatide Initiators After a 90-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Plecanatide Initiators	Expected Node Outcomes among Plecanatide Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[4]								

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

Table 2d. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Designated Medical Events (DME) Tree, among Plecanatide Initiators After a 90-Day Washout (High-Dimensional [hdPS] and User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Plecanatide Initiators	Expected Node Outcomes among Plecanatide Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[4]								
Sensitivity Analysis[5]: Excluding 1 Data Partner Due to Propensity Score Model Non-convergence								
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[4]								

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

[5]Sensitivity analyses were conducted because the **hdPS model for the 90-day washout** did **not converge for one data partner**. A sensitivity analysis excluding that data partner was performed to assess the potential impact on results. The results were largely unchanged in the sensitivity analysis.

Table 3a. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Standard Tree, among Prucalopride Initiators After a 90-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Prualopride Initiators	Expected Node Outcomes among Prucalopride Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
Gastroparesis	K3184grp	5	317	225	158.5	1.42	28.8	0.0001
Bacterial Intestinal Infection Unspecified	A049ngrp	5	104	84	52	1.62	21.2	0.0001
Other Bacterial Intestinal Infections	A04grp	3	200	132	100	1.32	10.4	0.0081

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

Table 3b. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Standard Tree, among Prucalopride Initiators After a 90-Day Washout (High-Dimensional [hdPS] and User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Prualopride Initiators	Expected Node Outcomes among Prucalopride Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
Other Specified Metabolic Disorders	E888grp	4	12	12	*****	2.00	8.32	0.0296
Inpatient, Emergency Department, or Outpatient Setting								
Gastroparesis	K3184grp	5	280	208	140	1.49	34.5	0.0001
Bacterial Intestinal Infection Unspecified	A049ngrp	5	92	71	46	1.54	14.4	0.0002
Sensitivity Analysis[5]: Excluding 1 Data Partner Due to Propensity Score Model Non-convergence								
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
Gastroparesis	K3184grp	5	*****	*****	*****	1.49	34.5	0.0001
Bacterial Intestinal Infection Unspecified	A049ngrp	5	*****	*****	*****	1.55	13.8	0.0002
Other specified diseases of stomach and duodenum	K318grp	4	*****	*****	*****	1.17	9.15	0.0285

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

[5]Sensitivity analyses were conducted because the **hdPS model for the 90-day washout** did **not converge for one data partner**. A sensitivity analysis excluding that data partner was performed to assess the potential impact on results. The overall results and identified signals were largely unchanged in the sensitivity analysis.

*****Data are not presented in these cells due to a small sample size or to assure that small cell counts cannot be recalculated from the cells presented or through cross-table comparisons.

Table 3c. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Designated Medical Events (DME) Tree, among Prucalopride Initiators After a 90-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Prualopride Initiators	Expected Node Outcomes among Prucalopride Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[4]								

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

Table 3d. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Designated Medical Events (DME) Tree, among Prucalopride Initiators After a 90-Day Washout (High-Dimensional [hdPS] and User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Prualopride Initiators	Expected Node Outcomes among Prucalopride Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[4]								
Sensitivity Analysis[5]: Excluding 1 Data Partner Due to Propensity Score Model Non-convergence								
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[4]								

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

[5]Sensitivity analyses were conducted because the **hdPS model for the 90-day washout** did **not converge for one data partner**. A sensitivity analysis excluding that data partner was performed to assess the potential impact on results. The results were largely unchanged in the sensitivity analysis.

Table 4a. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Standard Tree, among Plecanatide Initiators After a 183-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Plecanatide Initiators	Expected Node Outcomes among Plecanatide Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
Constipation	K590grp	4	1745	1044	872.5	1.20	33.9	0.0001
Other Functional Intestinal Disorders	K59grp	3	1799	1071	899.5	1.19	32.9	0.0001
Irritable Bowel Syndrome	K58grp	3	1000	619	500	1.24	28.6	0.0001
Irritable Bowel Syndrome With Constipation	K581ngrp	5	529	343	264.5	1.30	23.7	0.0001
Constipation Unspecified	K5900grp	5	843	*****	421.5	1.22	20.0	0.0001
Irritable Bowel Syndrome Unspecified	K589ngrp	5	295	193	147.5	1.31	14.3	0.0001

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

*****Data are not presented in these cells due to a small sample size or to assure that small cell counts cannot be recalculated from the cells presented or through cross-table comparisons.

Table 4b. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Designated Medical Events (DME) Tree, among Plecanatide Initiators After a 183-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Plecanatide Initiators	Expected Node Outcomes among Plecanatide Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[4]								

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

Table 5a. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Standard Tree, among Prucalopride Initiators After a 183-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Prualopride Initiators	Expected Node Outcomes among Prucalopride Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
Gastroparesis	K3184grp	5	*****	*****	138.5	1.47	32.2	0.0001
Bacterial Intestinal Infection Unspecified	A049ngrp	5	92	*****	46	1.63	19.7	0.0001
Other Bacterial Intestinal Infections	A04grp	3	168	114	84	1.36	11.0	0.0052
Other Specified Disorders Of Muscle	M6289grp	5	119	83	59.5	1.39	9.54	0.0204

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

*****Data are not presented in these cells due to a small sample size or to assure that small cell counts cannot be recalculated from the cells presented or through cross-table comparisons.

Table 5b. Signal Identification Outcome Assessment[1], via Bernoulli Tree-Based Scan Statistic[2] using the Designated Medical Events (DME) Tree, among Prucalopride Initiators After a 183-Day Washout (User-Specified Propensity Score Matched, Fixed Ratio 1:1, Caliper: 0.05), in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Prualopride Initiators	Expected Node Outcomes among Prucalopride Initiators	Relative Risk	Test Statistic[2]	P-Value[3]
Inpatient or Emergency Department Setting								
N/A[4]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[4]								

[1]Outcomes were assessed at the 3, 4, and 5 level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2] Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix L for more information.

[3]Statistical significance was defined as P-value ≤ 0.05.

[4]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

Table 2. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025

	Prucalopride and Plecanatide After a 90-Day Washout- User-Specified PS Analysis				Prucalopride and Plecanatide After a 90-Day Washout - HDPS Analysis				Prucalopride and Plecanatide After a 183-Day Washout - User-Specified PS Analysis			
	Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout		Prucalopride Initiators After a 90-Day Washout		Plecanatide Initiators After a 90-Day Washout		Prucalopride Initiators After a 183-Day Washout		Plecanatide Initiators After a 183-Day Washout	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements												
Enrolled at any point during the query period	330,617,648	N/A	330,617,648	N/A	330,617,648	N/A	330,617,648	N/A	330,617,648	N/A	330,617,648	N/A
Had required coverage type (medical and/or drug coverage)	246,414,805	84,202,843	246,414,805	84,202,843	246,414,805	84,202,843	246,414,805	84,202,843	246,414,805	84,202,843	246,414,805	84,202,843
Enrolled during specified age range	190,572,836	55,841,969	190,572,836	55,841,969	190,572,836	55,841,969	190,572,836	55,841,969	190,572,836	55,841,969	190,572,836	55,841,969
Had requestable medical charts	190,572,836	0	190,572,836	0	190,572,836	0	190,572,836	0	190,572,836	0	190,572,836	0
Met demographic requirements (sex, race, and Hispanic origin)	190,483,035	89,801	190,483,035	89,801	190,483,035	89,801	190,483,035	89,801	190,483,035	89,801	190,483,035	89,801
Members with a valid index event												
Had any cohort-defining claim during the query period	65,058	190,417,977	129,500	190,353,535	65,058	190,417,977	129,500	190,353,535	65,058	190,417,977	129,500	190,353,535
Claim recorded during specified age range	64,829	229	129,359	141	64,829	229	129,359	141	64,829	229	129,359	141
Episode defining index claim recorded during the query period	64,743	86	126,310	3,049	64,743	86	126,310	3,049	64,743	86	126,310	3,049
Members with required pre-index history												
Had sufficient pre-index continuous enrollment	50,349	14,394	96,633	29,677	50,349	14,394	96,633	29,677	50,349	14,394	96,633	29,677
Met inclusion and exclusion criteria[1]	25,900	24,449	59,007	37,626	25,900	24,449	59,007	37,626	22,549	27,800	51,627	45,006
Evidence of non-index drug use from the exposure or comparator drug classes on the index date	N/A	15,986	N/A	20,821	N/A	15,986	N/A	20,821	N/A	16,648	N/A	21,883
Evidence of a 90-day washout period for the exposure and comparator drugs, as well as their respective drug classes	N/A	23,698	N/A	36,176	N/A	23,698	N/A	36,176	N/A	N/A	N/A	N/A
Evidence of a 183-day washout period for the exposure and comparator drugs, as well as their respective drug classes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	27,148	N/A	43,713
Evidence of ongoing pregnancy	N/A	1,883	N/A	3,132	N/A	1,883	N/A	3,132	N/A	1,983	N/A	3,362
Evidence of delivery in any care setting	N/A	74	N/A	206	N/A	74	N/A	206	N/A	*****	N/A	223
Met event incidence criteria	25,900	0	59,007	0	25,900	0	59,007	0	22,549	0	51,627	0
Members with required post-index follow-up												
Had sufficient post-index continuous enrollment	25,900	0	59,007	0	25,900	0	59,007	0	22,549	0	51,627	0
Had minimum days' supply on index date	25,900	0	59,007	0	25,900	0	59,007	0	22,549	0	51,627	0
Had index episode of at least required length	25,900	0	59,007	0	25,900	0	59,007	0	22,549	0	51,627	0
Had index episode longer than blackout period	25,900	0	59,007	0	25,900	0	59,007	0	22,549	0	51,627	0
Did not have an event during blackout period	25,900	0	59,007	0	25,900	0	59,007	0	22,549	0	51,627	0
Final cohort												
Number of members	25,900	N/A	59,007	N/A	25,900	N/A	59,007	N/A	22,549	N/A	51,627	N/A
Number of episodes	25,900	N/A	59,007	N/A	25,900	N/A	59,007	N/A	22,549	N/A	51,627	N/A
Members meeting comparative cohort eligibility requirements												
Excluded due to ineligibility for comparative analysis[2]	25,119	781	58,518	489	25,119	781	58,518	489	22,137	412	51,332	295
Included in comparative analysis	20,225	4,894	20,225	38,293	17,632	7,487	17,632	40,886	17,465	4,672	17,465	33,867

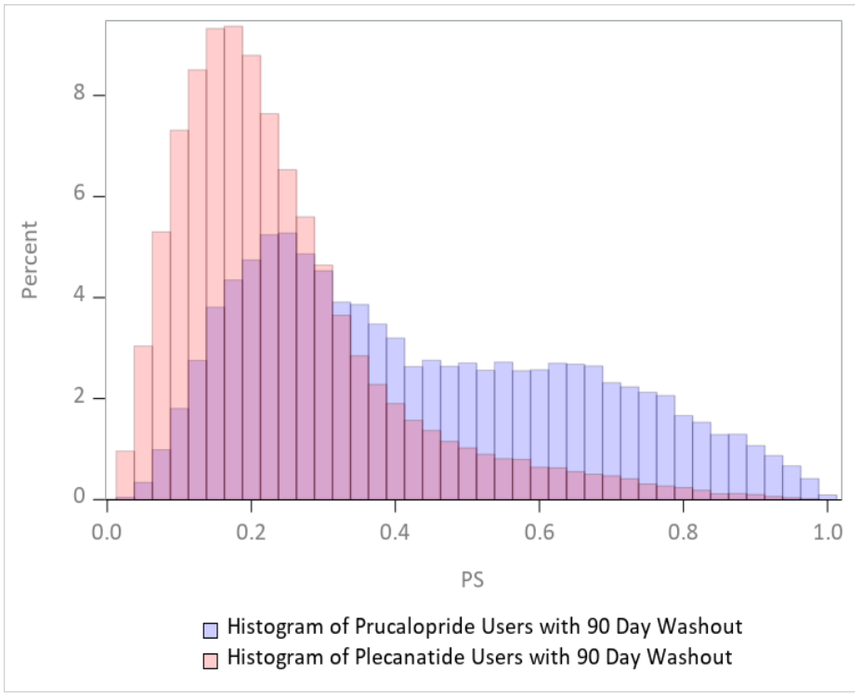
[1]Patients can meet multiple inclusion and/or exclusion criteria; therefore, the total number of patients excluded overall may not equal the sum of all patients in each criterion.

[2]Excluded due to same day initiation of both exposure groups or prior initiation of other exposure group or due to prior initiation of other exposure group in a prior look or due to 0 days at risk or due to propensity score trimming or due to lack of treatment heterogeneity in stratum.

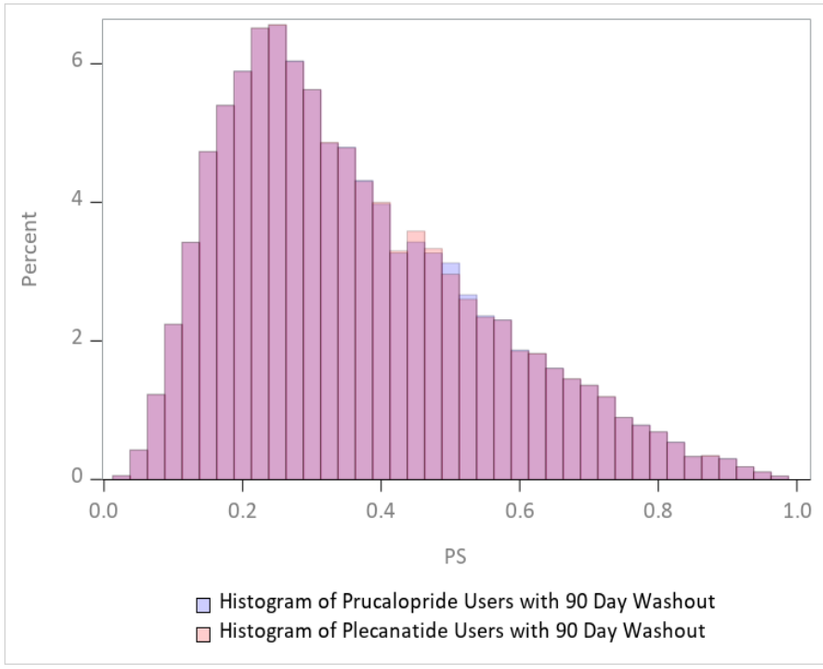
*****Data are not presented in these cells due to a small sample size or to assure that small cell counts cannot be recalculated from the cells presented or through cross-table comparisons.

Figure 1. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Prucalopride vs Plecanatide[1] After a 90-day Washout - User-Specified PS Analysis 0.05 Caliper in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Unadjusted Propensity Score Distribution



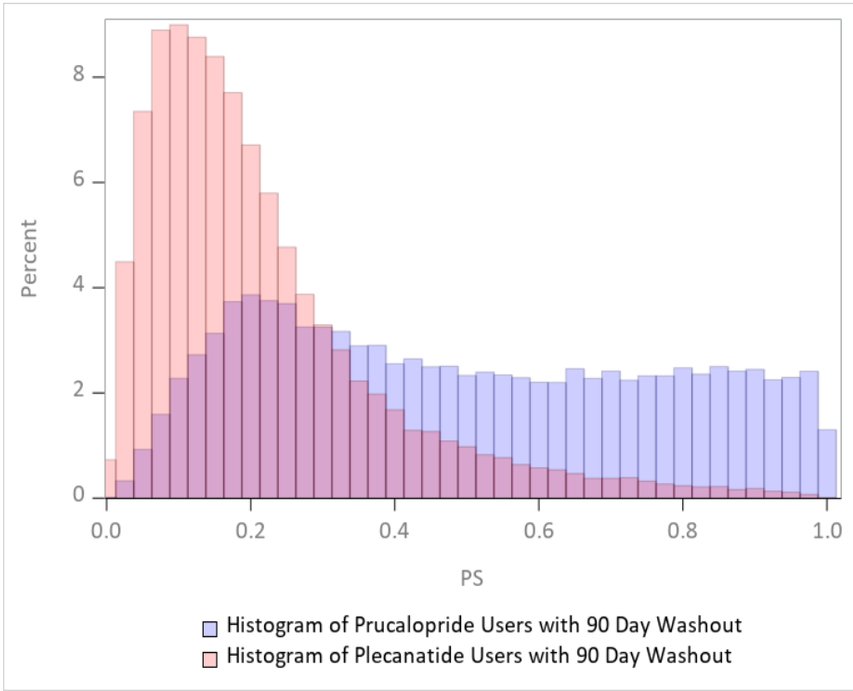
Propensity Score Fixed Ratio 1:1 Adjusted Cohort, Matched Caliper = 0.05



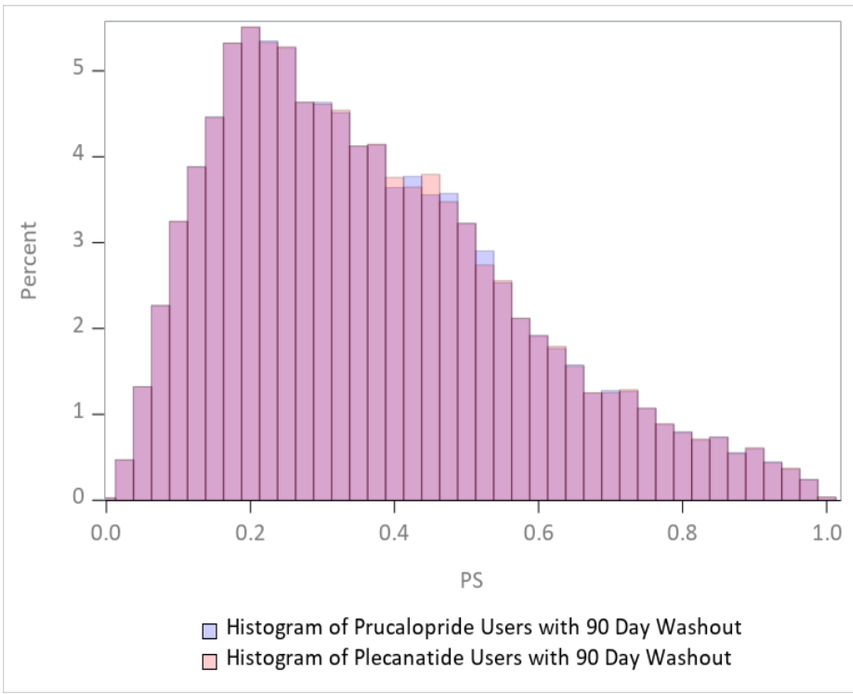
[1]Only one exposure/comparator orientation of the propensity score distribution is shown, because reversing the exposure and comparator produces essentially the same distribution in the opposite orientation; presenting both orientations may also increase the possibility that small cell counts could be inferred.

Figure 2. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Prucalopride vs Plecanatide[1] After a 90-day Washout - High-Dimensional Propensity Score (hdPS) Analysis 0.05 Caliper in the Sentinel Distributed Database (SDD) from April 19, 2019 to August 31, 2025

Unadjusted Propensity Score Distribution



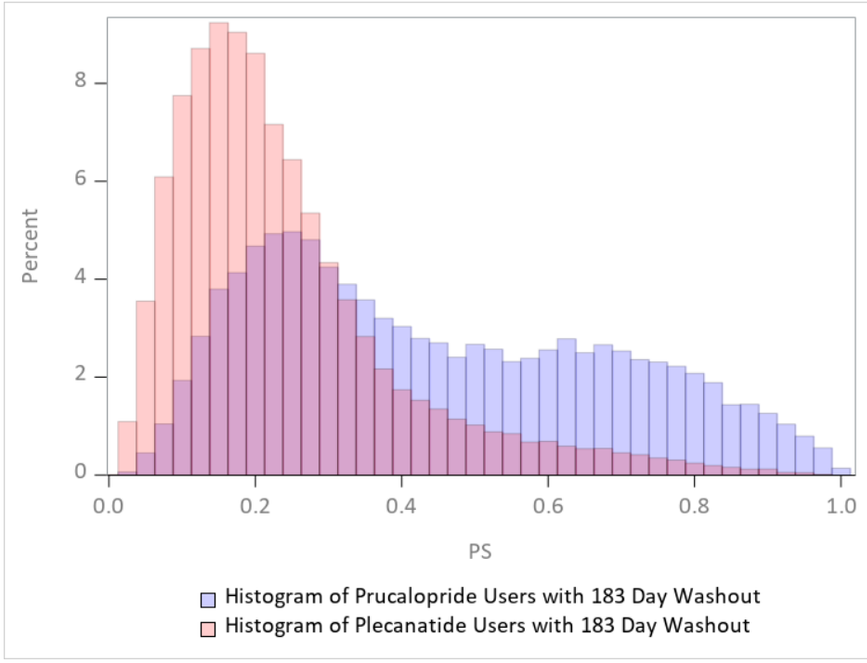
Propensity Score Fixed Ratio 1:1 Adjusted Cohort, Matched Caliper = 0.05



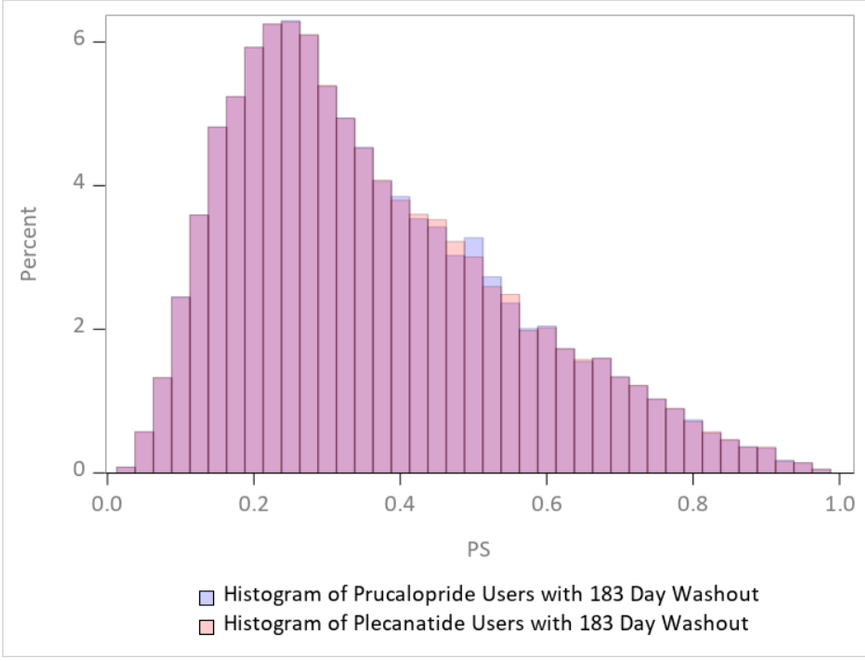
[1]Only one exposure/comparator orientation of the propensity score distribution is shown, because reversing the exposure and comparator produces essentially the same distribution in the opposite orientation; presenting both orientations may also increase the possibility that small cell counts could be inferred.

Figure 3. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Prucalopride vs Plecanatide[1] After a 183-day

Unadjusted Propensity Score Distribution



Propensity Score Fixed Ratio 1:1 Adjusted Cohort, Matched Caliper = 0.05



[1]Only one exposure/comparator orientation of the propensity score distribution is shown, because reversing the exposure and comparator produces essentially the same distribution in the opposite orientation; presenting both orientations may also increase the possibility that small cell counts could be inferred.

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

Masked DP ID	DP Start Date	DP End Date[1]
DP01	01/01/2006	05/31/2025
DP02	01/01/2007	05/31/2025
DP03	01/01/2008	04/30/2025
DP04	01/01/1999	12/31/2022
DP05	01/01/2008	08/31/2025
DP06	01/01/2010	03/31/2025

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

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

Generic Name	Brand Name
Plecanatide	
plecanatide	Trulance
Prucalopride	
prucalopride	Prucalopride
prucalopride succinate	Motegrity
prucalopride succinate	Prucalopride

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

Generic Name	Brand Name
Linaclotide	
linaclotide	Linzess
Lubiprostone	
lubiprostone	Amitiza
lubiprostone	lubiprostone
Plecanatide	
plecanatide	Trulance
Prucalopride	
prucalopride	prucalopride
prucalopride succinate	Motegrity
prucalopride succinate	prucalopride
Tegaserod	
tegaserod hydrogen maleate	Zelnorm

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

Code	Description	Code Category	Code Type
Ongoing Pregnancy			
58321	Artificial insemination; intra-cervical	Procedure	CPT-4
58322	Artificial insemination	Procedure	CPT-4
58974	Transfer of embryo	Procedure	CPT-4
58976	Gamete, zygote, or embryo intrafallopian transfer	Procedure	CPT-4
59015	Chorionic villus sampling, any method	Procedure	CPT-4
76801	Ultrasound, pregnant uterus, real time with image documentation, fetal and maternal evaluation, first trimester (< 14 weeks 0 days), transabdominal approach; single or first gestation	Procedure	CPT-4
76802	Ultrasound, pregnant uterus, real time with image documentation, fetal and maternal evaluation, first trimester (< 14 weeks 0 days), transabdominal approach; each additional gestation	Procedure	CPT-4
76805	Complete Ultrasounds (Maternal and Fetal Evaluation); Second and Third Trimesters (Single or First Gestation)	Procedure	CPT-4
76810	Complete Ultrasounds (Maternal and Fetal Evaluation); Second and Third Trimesters (Each Additional Gestation)	Procedure	CPT-4
76811	Detailed fetal anatomic examination (single or first gestation)	Procedure	CPT-4
76812	Detailed fetal anatomic examination (Each additional Gestation)	Procedure	CPT-4
76813	Nuchal Translucency Measurement (Single or First Gestation)	Procedure	CPT-4
76814	Nuchal Translucency Measurement (Each Additional Gestation)	Procedure	CPT-4
81420	Fetal aneuploidy genomic sequence analysis, cell-free fetal DNA	Procedure	CPT-4
81507	Fetal aneuploidy (trisomy 21, 18, and 13) DNA sequence analysis of selected regions using maternal plasma algorithm reported as a risk score for each trisomy	Procedure	CPT-4
82106	Alpha-fetoprotein, amniotic	Procedure	CPT-4
82677	Assay of estriol	Procedure	CPT-4
82950	Glucose; post glucose dose (includes glucose)	Procedure	CPT-4
82951	Glucose; tolerance test (GTT), 3 specimens (includes glucose)	Procedure	CPT-4
82952	Glucose tolerance test, additional beyond 3 specimens	Procedure	CPT-4
84163	PAPP-A serum test	Procedure	CPT-4
86336	Inhibin A	Procedure	CPT-4
87081	Group B streptococcus screening (genital)	Procedure	CPT-4
O0901	Supervision of pregnancy with history of infertility, first trimester	Diagnosis	ICD-10-CM
O0902	Supervision of pregnancy with history of infertility, second trimester	Diagnosis	ICD-10-CM
O0903	Supervision of pregnancy with history of infertility, third trimester	Diagnosis	ICD-10-CM
O0911	Supervision of pregnancy with history of ectopic pregnancy, first trimester	Diagnosis	ICD-10-CM
O0912	Supervision of pregnancy with history of ectopic pregnancy, second trimester	Diagnosis	ICD-10-CM
O0913	Supervision of pregnancy with history of ectopic pregnancy, third trimester	Diagnosis	ICD-10-CM
O09211	Supervision of pregnancy with history of pre-term labor, first trimester	Diagnosis	ICD-10-CM
O09212	Supervision of pregnancy with history of pre-term labor, second trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O09213	Supervision of pregnancy with history of pre-term labor, third trimester	Diagnosis	ICD-10-CM
O09291	Supervision of pregnancy with other poor reproductive or obstetric history, first trimester	Diagnosis	ICD-10-CM
O09292	Supervision of pregnancy with other poor reproductive or obstetric history, second trimester	Diagnosis	ICD-10-CM
O09293	Supervision of pregnancy with other poor reproductive or obstetric history, third trimester	Diagnosis	ICD-10-CM
O0931	Supervision of pregnancy with insufficient antenatal care, first trimester	Diagnosis	ICD-10-CM
O0932	Supervision of pregnancy with insufficient antenatal care, second trimester	Diagnosis	ICD-10-CM
O0933	Supervision of pregnancy with insufficient antenatal care, third trimester	Diagnosis	ICD-10-CM
O0941	Supervision of pregnancy with grand multiparity, first trimester	Diagnosis	ICD-10-CM
O0942	Supervision of pregnancy with grand multiparity, second trimester	Diagnosis	ICD-10-CM
O0943	Supervision of pregnancy with grand multiparity, third trimester	Diagnosis	ICD-10-CM
O09511	Supervision of elderly primigravida, first trimester	Diagnosis	ICD-10-CM
O09512	Supervision of elderly primigravida, second trimester	Diagnosis	ICD-10-CM
O09513	Supervision of elderly primigravida, third trimester	Diagnosis	ICD-10-CM
O09521	Supervision of elderly multigravida, first trimester	Diagnosis	ICD-10-CM
O09522	Supervision of elderly multigravida, second trimester	Diagnosis	ICD-10-CM
O09523	Supervision of elderly multigravida, third trimester	Diagnosis	ICD-10-CM
O09611	Supervision of young primigravida, first trimester	Diagnosis	ICD-10-CM
O09612	Supervision of young primigravida, second trimester	Diagnosis	ICD-10-CM
O09613	Supervision of young primigravida, third trimester	Diagnosis	ICD-10-CM
O09621	Supervision of young multigravida, first trimester	Diagnosis	ICD-10-CM
O09622	Supervision of young multigravida, second trimester	Diagnosis	ICD-10-CM
O09623	Supervision of young multigravida, third trimester	Diagnosis	ICD-10-CM
O0971	Supervision of high risk pregnancy due to social problems, first trimester	Diagnosis	ICD-10-CM
O0972	Supervision of high risk pregnancy due to social problems, second trimester	Diagnosis	ICD-10-CM
O0973	Supervision of high risk pregnancy due to social problems, third trimester	Diagnosis	ICD-10-CM
O09811	Supervision of pregnancy resulting from assisted reproductive technology, first trimester	Diagnosis	ICD-10-CM
O09812	Supervision of pregnancy resulting from assisted reproductive technology, second trimester	Diagnosis	ICD-10-CM
O09813	Supervision of pregnancy resulting from assisted reproductive technology, third trimester	Diagnosis	ICD-10-CM
O09821	Supervision of pregnancy with history of in utero procedure during previous pregnancy, first trimester	Diagnosis	ICD-10-CM
O09822	Supervision of pregnancy with history of in utero procedure during previous pregnancy, second trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O09823	Supervision of pregnancy with history of in utero procedure during previous pregnancy, third trimester	Diagnosis	ICD-10-CM
O09891	Supervision of other high risk pregnancies, first trimester	Diagnosis	ICD-10-CM
O09892	Supervision of other high risk pregnancies, second trimester	Diagnosis	ICD-10-CM
O09893	Supervision of other high risk pregnancies, third trimester	Diagnosis	ICD-10-CM
O0991	Supervision of high risk pregnancy, unspecified, first trimester	Diagnosis	ICD-10-CM
O0992	Supervision of high risk pregnancy, unspecified, second trimester	Diagnosis	ICD-10-CM
O0993	Supervision of high risk pregnancy, unspecified, third trimester	Diagnosis	ICD-10-CM
O09A1	Supervision of pregnancy with history of molar pregnancy, first trimester	Diagnosis	ICD-10-CM
O09A2	Supervision of pregnancy with history of molar pregnancy, second trimester	Diagnosis	ICD-10-CM
O09A3	Supervision of pregnancy with history of molar pregnancy, third trimester	Diagnosis	ICD-10-CM
O10011	Pre-existing essential hypertension complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10012	Pre-existing essential hypertension complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10013	Pre-existing essential hypertension complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O10111	Pre-existing hypertensive heart disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10112	Pre-existing hypertensive heart disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10113	Pre-existing hypertensive heart disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O10211	Pre-existing hypertensive chronic kidney disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10212	Pre-existing hypertensive chronic kidney disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10213	Pre-existing hypertensive chronic kidney disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O10311	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10312	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10313	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O10411	Pre-existing secondary hypertension complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10412	Pre-existing secondary hypertension complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10413	Pre-existing secondary hypertension complicating pregnancy, third trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O10911	Unspecified pre-existing hypertension complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10912	Unspecified pre-existing hypertension complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10913	Unspecified pre-existing hypertension complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O111	Pre-existing hypertension with pre-eclampsia, first trimester	Diagnosis	ICD-10-CM
O112	Pre-existing hypertension with pre-eclampsia, second trimester	Diagnosis	ICD-10-CM
O113	Pre-existing hypertension with pre-eclampsia, third trimester	Diagnosis	ICD-10-CM
O1201	Gestational edema, first trimester	Diagnosis	ICD-10-CM
O1202	Gestational edema, second trimester	Diagnosis	ICD-10-CM
O1203	Gestational edema, third trimester	Diagnosis	ICD-10-CM
O1211	Gestational proteinuria, first trimester	Diagnosis	ICD-10-CM
O1212	Gestational proteinuria, second trimester	Diagnosis	ICD-10-CM
O1213	Gestational proteinuria, third trimester	Diagnosis	ICD-10-CM
O1221	Gestational edema with proteinuria, first trimester	Diagnosis	ICD-10-CM
O1222	Gestational edema with proteinuria, second trimester	Diagnosis	ICD-10-CM
O1223	Gestational edema with proteinuria, third trimester	Diagnosis	ICD-10-CM
O131	Gestational [pregnancy-induced] hypertension without significant proteinuria, first trimester	Diagnosis	ICD-10-CM
O132	Gestational [pregnancy-induced] hypertension without significant proteinuria, second trimester	Diagnosis	ICD-10-CM
O133	Gestational [pregnancy-induced] hypertension without significant proteinuria, third trimester	Diagnosis	ICD-10-CM
O1402	Mild to moderate pre-eclampsia, second trimester	Diagnosis	ICD-10-CM
O1403	Mild to moderate pre-eclampsia, third trimester	Diagnosis	ICD-10-CM
O1412	Severe pre-eclampsia, second trimester	Diagnosis	ICD-10-CM
O1413	Severe pre-eclampsia, third trimester	Diagnosis	ICD-10-CM
O1422	HELLP syndrome (HELLP), second trimester	Diagnosis	ICD-10-CM
O1423	HELLP syndrome (HELLP), third trimester	Diagnosis	ICD-10-CM
O1492	Unspecified pre-eclampsia, second trimester	Diagnosis	ICD-10-CM
O1493	Unspecified pre-eclampsia, third trimester	Diagnosis	ICD-10-CM
O1502	Eclampsia complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O1503	Eclampsia complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O161	Unspecified maternal hypertension, first trimester	Diagnosis	ICD-10-CM
O162	Unspecified maternal hypertension, second trimester	Diagnosis	ICD-10-CM
O163	Unspecified maternal hypertension, third trimester	Diagnosis	ICD-10-CM
O2201	Varicose veins of lower extremity in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2202	Varicose veins of lower extremity in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2203	Varicose veins of lower extremity in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2211	Genital varices in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2212	Genital varices in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2213	Genital varices in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2221	Superficial thrombophlebitis in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2222	Superficial thrombophlebitis in pregnancy, second trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O2223	Superficial thrombophlebitis in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2231	Deep phlebothrombosis in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2232	Deep phlebothrombosis in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2233	Deep phlebothrombosis in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2241	Hemorrhoids in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2242	Hemorrhoids in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2243	Hemorrhoids in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2251	Cerebral venous thrombosis in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2252	Cerebral venous thrombosis in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2253	Cerebral venous thrombosis in pregnancy, third trimester	Diagnosis	ICD-10-CM
O228X1	Other venous complications in pregnancy, first trimester	Diagnosis	ICD-10-CM
O228X2	Other venous complications in pregnancy, second trimester	Diagnosis	ICD-10-CM
O228X3	Other venous complications in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2291	Venous complication in pregnancy, unspecified, first trimester	Diagnosis	ICD-10-CM
O2292	Venous complication in pregnancy, unspecified, second trimester	Diagnosis	ICD-10-CM
O2293	Venous complication in pregnancy, unspecified, third trimester	Diagnosis	ICD-10-CM
O2301	Infections of kidney in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2302	Infections of kidney in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2303	Infections of kidney in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2311	Infections of bladder in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2312	Infections of bladder in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2313	Infections of bladder in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2321	Infections of urethra in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2322	Infections of urethra in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2323	Infections of urethra in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2331	Infections of other parts of urinary tract in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2332	Infections of other parts of urinary tract in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2333	Infections of other parts of urinary tract in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2341	Unspecified infection of urinary tract in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2342	Unspecified infection of urinary tract in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2343	Unspecified infection of urinary tract in pregnancy, third trimester	Diagnosis	ICD-10-CM
O23511	Infections of cervix in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23512	Infections of cervix in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23513	Infections of cervix in pregnancy, third trimester	Diagnosis	ICD-10-CM
O23521	Salpingo-oophoritis in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23522	Salpingo-oophoritis in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23523	Salpingo-oophoritis in pregnancy, third trimester	Diagnosis	ICD-10-CM
O23591	Infection of other part of genital tract in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23592	Infection of other part of genital tract in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23593	Infection of other part of genital tract in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2391	Unspecified genitourinary tract infection in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2392	Unspecified genitourinary tract infection in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2393	Unspecified genitourinary tract infection in pregnancy, third trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O24011	Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24012	Pre-existing type 1 diabetes mellitus, in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24013	Pre-existing type 1 diabetes mellitus, in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24111	Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24112	Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24113	Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24311	Unspecified pre-existing diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24312	Unspecified pre-existing diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24313	Unspecified pre-existing diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24811	Other pre-existing diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24812	Other pre-existing diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24813	Other pre-existing diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24911	Unspecified diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24912	Unspecified diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24913	Unspecified diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2511	Malnutrition in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2512	Malnutrition in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2513	Malnutrition in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2601	Excessive weight gain in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2602	Excessive weight gain in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2603	Excessive weight gain in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2611	Low weight gain in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2612	Low weight gain in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2613	Low weight gain in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2621	Pregnancy care for patient with recurrent pregnancy loss, first trimester	Diagnosis	ICD-10-CM
O2622	Pregnancy care for patient with recurrent pregnancy loss, second trimester	Diagnosis	ICD-10-CM
O2623	Pregnancy care for patient with recurrent pregnancy loss, third trimester	Diagnosis	ICD-10-CM
O2631	Retained intrauterine contraceptive device in pregnancy, first trimester	Diagnosis	ICD-10-CM
O2632	Retained intrauterine contraceptive device in pregnancy, second trimester	Diagnosis	ICD-10-CM
O2633	Retained intrauterine contraceptive device in pregnancy, third trimester	Diagnosis	ICD-10-CM
O2641	Herpes gestationis, first trimester	Diagnosis	ICD-10-CM
O2642	Herpes gestationis, second trimester	Diagnosis	ICD-10-CM
O2643	Herpes gestationis, third trimester	Diagnosis	ICD-10-CM
O2651	Maternal hypotension syndrome, first trimester	Diagnosis	ICD-10-CM
O2652	Maternal hypotension syndrome, second trimester	Diagnosis	ICD-10-CM
O2653	Maternal hypotension syndrome, third trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O26611	Liver and biliary tract disorders in pregnancy, first trimester	Diagnosis	ICD-10-CM
O26612	Liver and biliary tract disorders in pregnancy, second trimester	Diagnosis	ICD-10-CM
O26613	Liver and biliary tract disorders in pregnancy, third trimester	Diagnosis	ICD-10-CM
O26711	Subluxation of symphysis (pubis) in pregnancy, first trimester	Diagnosis	ICD-10-CM
O26712	Subluxation of symphysis (pubis) in pregnancy, second trimester	Diagnosis	ICD-10-CM
O26713	Subluxation of symphysis (pubis) in pregnancy, third trimester	Diagnosis	ICD-10-CM
O26811	Pregnancy related exhaustion and fatigue, first trimester	Diagnosis	ICD-10-CM
O26812	Pregnancy related exhaustion and fatigue, second trimester	Diagnosis	ICD-10-CM
O26813	Pregnancy related exhaustion and fatigue, third trimester	Diagnosis	ICD-10-CM
O26821	Pregnancy related peripheral neuritis, first trimester	Diagnosis	ICD-10-CM
O26822	Pregnancy related peripheral neuritis, second trimester	Diagnosis	ICD-10-CM
O26823	Pregnancy related peripheral neuritis, third trimester	Diagnosis	ICD-10-CM
O26831	Pregnancy related renal disease, first trimester	Diagnosis	ICD-10-CM
O26832	Pregnancy related renal disease, second trimester	Diagnosis	ICD-10-CM
O26833	Pregnancy related renal disease, third trimester	Diagnosis	ICD-10-CM
O26841	Uterine size-date discrepancy, first trimester	Diagnosis	ICD-10-CM
O26842	Uterine size-date discrepancy, second trimester	Diagnosis	ICD-10-CM
O26843	Uterine size-date discrepancy, third trimester	Diagnosis	ICD-10-CM
O26851	Spotting complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O26852	Spotting complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O26853	Spotting complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O26872	Cervical shortening, second trimester	Diagnosis	ICD-10-CM
O26873	Cervical shortening, third trimester	Diagnosis	ICD-10-CM
O26891	Other specified pregnancy related conditions, first trimester	Diagnosis	ICD-10-CM
O26892	Other specified pregnancy related conditions, second trimester	Diagnosis	ICD-10-CM
O26893	Other specified pregnancy related conditions, third trimester	Diagnosis	ICD-10-CM
O2691	Pregnancy related conditions, unspecified, first trimester	Diagnosis	ICD-10-CM
O2692	Pregnancy related conditions, unspecified, second trimester	Diagnosis	ICD-10-CM
O2693	Pregnancy related conditions, unspecified, third trimester	Diagnosis	ICD-10-CM
O29011	Aspiration pneumonitis due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29012	Aspiration pneumonitis due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29013	Aspiration pneumonitis due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29021	Pressure collapse of lung due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29022	Pressure collapse of lung due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29023	Pressure collapse of lung due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29091	Other pulmonary complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29092	Other pulmonary complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O29093	Other pulmonary complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29111	Cardiac arrest due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29112	Cardiac arrest due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29113	Cardiac arrest due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29121	Cardiac failure due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29122	Cardiac failure due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29123	Cardiac failure due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29191	Other cardiac complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29192	Other cardiac complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29193	Other cardiac complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29211	Cerebral anoxia due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29212	Cerebral anoxia due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29213	Cerebral anoxia due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29291	Other central nervous system complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29292	Other central nervous system complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29293	Other central nervous system complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O293X1	Toxic reaction to local anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O293X2	Toxic reaction to local anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O293X3	Toxic reaction to local anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O2941	Spinal and epidural anesthesia induced headache during pregnancy, first trimester	Diagnosis	ICD-10-CM
O2942	Spinal and epidural anesthesia induced headache during pregnancy, second trimester	Diagnosis	ICD-10-CM
O2943	Spinal and epidural anesthesia induced headache during pregnancy, third trimester	Diagnosis	ICD-10-CM
O295X1	Other complications of spinal and epidural anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O295X2	Other complications of spinal and epidural anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O295X3	Other complications of spinal and epidural anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O2961	Failed or difficult intubation for anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O2962	Failed or difficult intubation for anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O2963	Failed or difficult intubation for anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O298X1	Other complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O298X2	Other complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O298X3	Other complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O2991	Unspecified complication of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O2992	Unspecified complication of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O2993	Unspecified complication of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O30001	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30002	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30003	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30011	Twin pregnancy, monochorionic/monoamniotic, first trimester	Diagnosis	ICD-10-CM
O30012	Twin pregnancy, monochorionic/monoamniotic, second trimester	Diagnosis	ICD-10-CM
O30013	Twin pregnancy, monochorionic/monoamniotic, third trimester	Diagnosis	ICD-10-CM
O30021	Conjoined twin pregnancy, first trimester	Diagnosis	ICD-10-CM
O30022	Conjoined twin pregnancy, second trimester	Diagnosis	ICD-10-CM
O30023	Conjoined twin pregnancy, third trimester	Diagnosis	ICD-10-CM
O30031	Twin pregnancy, monochorionic/diamniotic, first trimester	Diagnosis	ICD-10-CM
O30032	Twin pregnancy, monochorionic/diamniotic, second trimester	Diagnosis	ICD-10-CM
O30033	Twin pregnancy, monochorionic/diamniotic, third trimester	Diagnosis	ICD-10-CM
O30041	Twin pregnancy, dichorionic/diamniotic, first trimester	Diagnosis	ICD-10-CM
O30042	Twin pregnancy, dichorionic/diamniotic, second trimester	Diagnosis	ICD-10-CM
O30043	Twin pregnancy, dichorionic/diamniotic, third trimester	Diagnosis	ICD-10-CM
O30091	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30092	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30093	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30101	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30102	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30103	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30111	Triplet pregnancy with two or more monochorionic fetuses, first trimester	Diagnosis	ICD-10-CM
O30112	Triplet pregnancy with two or more monochorionic fetuses, second trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O30113	Triplet pregnancy with two or more monochorionic fetuses, third trimester	Diagnosis	ICD-10-CM
O30121	Triplet pregnancy with two or more monoamniotic fetuses, first trimester	Diagnosis	ICD-10-CM
O30122	Triplet pregnancy with two or more monoamniotic fetuses, second trimester	Diagnosis	ICD-10-CM
O30123	Triplet pregnancy with two or more monoamniotic fetuses, third trimester	Diagnosis	ICD-10-CM
O30131	Triplet pregnancy, trichorionic/triamniotic, first trimester	Diagnosis	ICD-10-CM
O30132	Triplet pregnancy, trichorionic/triamniotic, second trimester	Diagnosis	ICD-10-CM
O30133	Triplet pregnancy, trichorionic/triamniotic, third trimester	Diagnosis	ICD-10-CM
O30191	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30192	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30193	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30201	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30202	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30203	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30211	Quadruplet pregnancy with two or more monochorionic fetuses, first trimester	Diagnosis	ICD-10-CM
O30212	Quadruplet pregnancy with two or more monochorionic fetuses, second trimester	Diagnosis	ICD-10-CM
O30213	Quadruplet pregnancy with two or more monochorionic fetuses, third trimester	Diagnosis	ICD-10-CM
O30221	Quadruplet pregnancy with two or more monoamniotic fetuses, first trimester	Diagnosis	ICD-10-CM
O30222	Quadruplet pregnancy with two or more monoamniotic fetuses, second trimester	Diagnosis	ICD-10-CM
O30223	Quadruplet pregnancy with two or more monoamniotic fetuses, third trimester	Diagnosis	ICD-10-CM
O30231	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, first trimester	Diagnosis	ICD-10-CM
O30232	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, second trimester	Diagnosis	ICD-10-CM
O30233	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, third trimester	Diagnosis	ICD-10-CM
O30291	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30292	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O30293	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30801	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30802	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30803	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30811	Other specified multiple gestation with two or more monochorionic fetuses, first trimester	Diagnosis	ICD-10-CM
O30812	Other specified multiple gestation with two or more monochorionic fetuses, second trimester	Diagnosis	ICD-10-CM
O30813	Other specified multiple gestation with two or more monochorionic fetuses, third trimester	Diagnosis	ICD-10-CM
O30821	Other specified multiple gestation with two or more monoamniotic fetuses, first trimester	Diagnosis	ICD-10-CM
O30822	Other specified multiple gestation with two or more monoamniotic fetuses, second trimester	Diagnosis	ICD-10-CM
O30823	Other specified multiple gestation with two or more monoamniotic fetuses, third trimester	Diagnosis	ICD-10-CM
O30831	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, first trimester	Diagnosis	ICD-10-CM
O30832	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, second trimester	Diagnosis	ICD-10-CM
O30833	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, third trimester	Diagnosis	ICD-10-CM
O30891	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30892	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30893	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O3091	Multiple gestation, unspecified, first trimester	Diagnosis	ICD-10-CM
O3092	Multiple gestation, unspecified, second trimester	Diagnosis	ICD-10-CM
O3093	Multiple gestation, unspecified, third trimester	Diagnosis	ICD-10-CM
O3101X0	Papyraceous fetus, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3101X1	Papyraceous fetus, first trimester, fetus 1	Diagnosis	ICD-10-CM
O3101X2	Papyraceous fetus, first trimester, fetus 2	Diagnosis	ICD-10-CM
O3101X3	Papyraceous fetus, first trimester, fetus 3	Diagnosis	ICD-10-CM
O3101X4	Papyraceous fetus, first trimester, fetus 4	Diagnosis	ICD-10-CM
O3101X5	Papyraceous fetus, first trimester, fetus 5	Diagnosis	ICD-10-CM
O3101X9	Papyraceous fetus, first trimester, other fetus	Diagnosis	ICD-10-CM
O3102X0	Papyraceous fetus, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3102X1	Papyraceous fetus, second trimester, fetus 1	Diagnosis	ICD-10-CM
O3102X2	Papyraceous fetus, second trimester, fetus 2	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O3102X3	Papyraceous fetus, second trimester, fetus 3	Diagnosis	ICD-10-CM
O3102X4	Papyraceous fetus, second trimester, fetus 4	Diagnosis	ICD-10-CM
O3102X5	Papyraceous fetus, second trimester, fetus 5	Diagnosis	ICD-10-CM
O3102X9	Papyraceous fetus, second trimester, other fetus	Diagnosis	ICD-10-CM
O3103X0	Papyraceous fetus, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3103X1	Papyraceous fetus, third trimester, fetus 1	Diagnosis	ICD-10-CM
O3103X2	Papyraceous fetus, third trimester, fetus 2	Diagnosis	ICD-10-CM
O3103X3	Papyraceous fetus, third trimester, fetus 3	Diagnosis	ICD-10-CM
O3103X4	Papyraceous fetus, third trimester, fetus 4	Diagnosis	ICD-10-CM
O3103X5	Papyraceous fetus, third trimester, fetus 5	Diagnosis	ICD-10-CM
O3103X9	Papyraceous fetus, third trimester, other fetus	Diagnosis	ICD-10-CM
O3111X0	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3111X1	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 1	Diagnosis	ICD-10-CM
O3111X2	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 2	Diagnosis	ICD-10-CM
O3111X3	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 3	Diagnosis	ICD-10-CM
O3111X4	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 4	Diagnosis	ICD-10-CM
O3111X5	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 5	Diagnosis	ICD-10-CM
O3111X9	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, other fetus	Diagnosis	ICD-10-CM
O3112X0	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3112X1	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O3112X2	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O3112X3	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM
O3112X4	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O3112X5	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O3112X9	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O3113X0	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3113X1	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM
O3113X2	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O3113X3	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM
O3113X4	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM
O3113X5	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O3113X9	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, other fetus	Diagnosis	ICD-10-CM
O3121X0	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3121X1	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 1	Diagnosis	ICD-10-CM
O3121X2	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 2	Diagnosis	ICD-10-CM
O3121X3	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 3	Diagnosis	ICD-10-CM
O3121X4	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 4	Diagnosis	ICD-10-CM
O3121X5	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 5	Diagnosis	ICD-10-CM
O3121X9	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, other fetus	Diagnosis	ICD-10-CM
O3122X0	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3122X1	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O3122X2	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O3122X3	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM
O3122X4	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O3122X5	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O3122X9	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O3123X0	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3123X1	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM
O3123X2	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM
O3123X3	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O3123X4	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM
O3123X5	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O3123X9	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, other fetus	Diagnosis	ICD-10-CM
O3131X0	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3131X1	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 1	Diagnosis	ICD-10-CM
O3131X2	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 2	Diagnosis	ICD-10-CM
O3131X3	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 3	Diagnosis	ICD-10-CM
O3131X4	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 4	Diagnosis	ICD-10-CM
O3131X5	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 5	Diagnosis	ICD-10-CM
O3131X9	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, other fetus	Diagnosis	ICD-10-CM
O3132X0	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3132X1	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O3132X2	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O3132X3	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM
O3132X4	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O3132X5	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O3132X9	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O3133X0	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3133X1	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM
O3133X2	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM
O3133X3	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM
O3133X4	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O3133X5	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O3133X9	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, other fetus	Diagnosis	ICD-10-CM
O318X10	Other complications specific to multiple gestation, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O318X11	Other complications specific to multiple gestation, first trimester, fetus 1	Diagnosis	ICD-10-CM
O318X12	Other complications specific to multiple gestation, first trimester, fetus 2	Diagnosis	ICD-10-CM
O318X13	Other complications specific to multiple gestation, first trimester, fetus 3	Diagnosis	ICD-10-CM
O318X14	Other complications specific to multiple gestation, first trimester, fetus 4	Diagnosis	ICD-10-CM
O318X15	Other complications specific to multiple gestation, first trimester, fetus 5	Diagnosis	ICD-10-CM
O318X19	Other complications specific to multiple gestation, first trimester, other fetus	Diagnosis	ICD-10-CM
O318X20	Other complications specific to multiple gestation, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O318X21	Other complications specific to multiple gestation, second trimester, fetus 1	Diagnosis	ICD-10-CM
O318X22	Other complications specific to multiple gestation, second trimester, fetus 2	Diagnosis	ICD-10-CM
O318X23	Other complications specific to multiple gestation, second trimester, fetus 3	Diagnosis	ICD-10-CM
O318X24	Other complications specific to multiple gestation, second trimester, fetus 4	Diagnosis	ICD-10-CM
O318X25	Other complications specific to multiple gestation, second trimester, fetus 5	Diagnosis	ICD-10-CM
O318X29	Other complications specific to multiple gestation, second trimester, other fetus	Diagnosis	ICD-10-CM
O318X30	Other complications specific to multiple gestation, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O318X31	Other complications specific to multiple gestation, third trimester, fetus 1	Diagnosis	ICD-10-CM
O318X32	Other complications specific to multiple gestation, third trimester, fetus 2	Diagnosis	ICD-10-CM
O318X33	Other complications specific to multiple gestation, third trimester, fetus 3	Diagnosis	ICD-10-CM
O318X34	Other complications specific to multiple gestation, third trimester, fetus 4	Diagnosis	ICD-10-CM
O318X35	Other complications specific to multiple gestation, third trimester, fetus 5	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O318X39	Other complications specific to multiple gestation, third trimester, other fetus	Diagnosis	ICD-10-CM
O3401	Maternal care for unspecified congenital malformation of uterus, first trimester	Diagnosis	ICD-10-CM
O3402	Maternal care for unspecified congenital malformation of uterus, second trimester	Diagnosis	ICD-10-CM
O3403	Maternal care for unspecified congenital malformation of uterus, third trimester	Diagnosis	ICD-10-CM
O3411	Maternal care for benign tumor of corpus uteri, first trimester	Diagnosis	ICD-10-CM
O3412	Maternal care for benign tumor of corpus uteri, second trimester	Diagnosis	ICD-10-CM
O3413	Maternal care for benign tumor of corpus uteri, third trimester	Diagnosis	ICD-10-CM
O3431	Maternal care for cervical incompetence, first trimester	Diagnosis	ICD-10-CM
O3432	Maternal care for cervical incompetence, second trimester	Diagnosis	ICD-10-CM
O3433	Maternal care for cervical incompetence, third trimester	Diagnosis	ICD-10-CM
O3441	Maternal care for other abnormalities of cervix, first trimester	Diagnosis	ICD-10-CM
O3442	Maternal care for other abnormalities of cervix, second trimester	Diagnosis	ICD-10-CM
O3443	Maternal care for other abnormalities of cervix, third trimester	Diagnosis	ICD-10-CM
O34511	Maternal care for incarceration of gravid uterus, first trimester	Diagnosis	ICD-10-CM
O34512	Maternal care for incarceration of gravid uterus, second trimester	Diagnosis	ICD-10-CM
O34513	Maternal care for incarceration of gravid uterus, third trimester	Diagnosis	ICD-10-CM
O34521	Maternal care for prolapse of gravid uterus, first trimester	Diagnosis	ICD-10-CM
O34522	Maternal care for prolapse of gravid uterus, second trimester	Diagnosis	ICD-10-CM
O34523	Maternal care for prolapse of gravid uterus, third trimester	Diagnosis	ICD-10-CM
O34531	Maternal care for retroversion of gravid uterus, first trimester	Diagnosis	ICD-10-CM
O34532	Maternal care for retroversion of gravid uterus, second trimester	Diagnosis	ICD-10-CM
O34533	Maternal care for retroversion of gravid uterus, third trimester	Diagnosis	ICD-10-CM
O34591	Maternal care for other abnormalities of gravid uterus, first trimester	Diagnosis	ICD-10-CM
O34592	Maternal care for other abnormalities of gravid uterus, second trimester	Diagnosis	ICD-10-CM
O34593	Maternal care for other abnormalities of gravid uterus, third trimester	Diagnosis	ICD-10-CM
O3461	Maternal care for abnormality of vagina, first trimester	Diagnosis	ICD-10-CM
O3462	Maternal care for abnormality of vagina, second trimester	Diagnosis	ICD-10-CM
O3463	Maternal care for abnormality of vagina, third trimester	Diagnosis	ICD-10-CM
O3471	Maternal care for abnormality of vulva and perineum, first trimester	Diagnosis	ICD-10-CM
O3472	Maternal care for abnormality of vulva and perineum, second trimester	Diagnosis	ICD-10-CM
O3473	Maternal care for abnormality of vulva and perineum, third trimester	Diagnosis	ICD-10-CM
O3481	Maternal care for other abnormalities of pelvic organs, first trimester	Diagnosis	ICD-10-CM
O3482	Maternal care for other abnormalities of pelvic organs, second trimester	Diagnosis	ICD-10-CM
O3483	Maternal care for other abnormalities of pelvic organs, third trimester	Diagnosis	ICD-10-CM
O3491	Maternal care for abnormality of pelvic organ, unspecified, first trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O3492	Maternal care for abnormality of pelvic organ, unspecified, second trimester	Diagnosis	ICD-10-CM
O3493	Maternal care for abnormality of pelvic organ, unspecified, third trimester	Diagnosis	ICD-10-CM
O360110	Maternal care for anti-D [Rh] antibodies, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O360111	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 1	Diagnosis	ICD-10-CM
O360112	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 2	Diagnosis	ICD-10-CM
O360113	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 3	Diagnosis	ICD-10-CM
O360114	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 4	Diagnosis	ICD-10-CM
O360115	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 5	Diagnosis	ICD-10-CM
O360119	Maternal care for anti-D [Rh] antibodies, first trimester, other fetus	Diagnosis	ICD-10-CM
O360120	Maternal care for anti-D [Rh] antibodies, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O360121	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 1	Diagnosis	ICD-10-CM
O360122	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 2	Diagnosis	ICD-10-CM
O360123	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 3	Diagnosis	ICD-10-CM
O360124	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 4	Diagnosis	ICD-10-CM
O360125	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 5	Diagnosis	ICD-10-CM
O360129	Maternal care for anti-D [Rh] antibodies, second trimester, other fetus	Diagnosis	ICD-10-CM
O360130	Maternal care for anti-D [Rh] antibodies, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O360131	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 1	Diagnosis	ICD-10-CM
O360132	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 2	Diagnosis	ICD-10-CM
O360133	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 3	Diagnosis	ICD-10-CM
O360134	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 4	Diagnosis	ICD-10-CM
O360135	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 5	Diagnosis	ICD-10-CM
O360139	Maternal care for anti-D [Rh] antibodies, third trimester, other fetus	Diagnosis	ICD-10-CM
O360910	Maternal care for other rhesus isoimmunization, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O360911	Maternal care for other rhesus isoimmunization, first trimester, fetus 1	Diagnosis	ICD-10-CM
O360912	Maternal care for other rhesus isoimmunization, first trimester, fetus 2	Diagnosis	ICD-10-CM
O360913	Maternal care for other rhesus isoimmunization, first trimester, fetus 3	Diagnosis	ICD-10-CM
O360914	Maternal care for other rhesus isoimmunization, first trimester, fetus 4	Diagnosis	ICD-10-CM
O360915	Maternal care for other rhesus isoimmunization, first trimester, fetus 5	Diagnosis	ICD-10-CM
O360919	Maternal care for other rhesus isoimmunization, first trimester, other fetus	Diagnosis	ICD-10-CM
O360920	Maternal care for other rhesus isoimmunization, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
O360921	Maternal care for other rhesus isoimmunization, second trimester, fetus 1	Diagnosis	ICD-10-CM
O360922	Maternal care for other rhesus isoimmunization, second trimester, fetus 2	Diagnosis	ICD-10-CM
O360923	Maternal care for other rhesus isoimmunization, second trimester, fetus 3	Diagnosis	ICD-10-CM
O360924	Maternal care for other rhesus isoimmunization, second trimester, fetus 4	Diagnosis	ICD-10-CM
O360925	Maternal care for other rhesus isoimmunization, second trimester, fetus 5	Diagnosis	ICD-10-CM
O360929	Maternal care for other rhesus isoimmunization, second trimester, other fetus	Diagnosis	ICD-10-CM
O360930	Maternal care for other rhesus isoimmunization, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O360931	Maternal care for other rhesus isoimmunization, third trimester, fetus 1	Diagnosis	ICD-10-CM
O360932	Maternal care for other rhesus isoimmunization, third trimester, fetus 2	Diagnosis	ICD-10-CM
O360933	Maternal care for other rhesus isoimmunization, third trimester, fetus 3	Diagnosis	ICD-10-CM
O360934	Maternal care for other rhesus isoimmunization, third trimester, fetus 4	Diagnosis	ICD-10-CM
O360935	Maternal care for other rhesus isoimmunization, third trimester, fetus 5	Diagnosis	ICD-10-CM
O360939	Maternal care for other rhesus isoimmunization, third trimester, other fetus	Diagnosis	ICD-10-CM
O361110	Maternal care for Anti-A sensitization, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O361111	Maternal care for Anti-A sensitization, first trimester, fetus 1	Diagnosis	ICD-10-CM
O361112	Maternal care for Anti-A sensitization, first trimester, fetus 2	Diagnosis	ICD-10-CM
O361113	Maternal care for Anti-A sensitization, first trimester, fetus 3	Diagnosis	ICD-10-CM
O361114	Maternal care for Anti-A sensitization, first trimester, fetus 4	Diagnosis	ICD-10-CM
O361115	Maternal care for Anti-A sensitization, first trimester, fetus 5	Diagnosis	ICD-10-CM
O361119	Maternal care for Anti-A sensitization, first trimester, other fetus	Diagnosis	ICD-10-CM
O361120	Maternal care for Anti-A sensitization, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O361121	Maternal care for Anti-A sensitization, second trimester, fetus 1	Diagnosis	ICD-10-CM
O361122	Maternal care for Anti-A sensitization, second trimester, fetus 2	Diagnosis	ICD-10-CM
O361123	Maternal care for Anti-A sensitization, second trimester, fetus 3	Diagnosis	ICD-10-CM
O361124	Maternal care for Anti-A sensitization, second trimester, fetus 4	Diagnosis	ICD-10-CM
O361125	Maternal care for Anti-A sensitization, second trimester, fetus 5	Diagnosis	ICD-10-CM
O361129	Maternal care for Anti-A sensitization, second trimester, other fetus	Diagnosis	ICD-10-CM
O361130	Maternal care for Anti-A sensitization, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O361131	Maternal care for Anti-A sensitization, third trimester, fetus 1	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O361132	Maternal care for Anti-A sensitization, third trimester, fetus 2	Diagnosis	ICD-10-CM
O361133	Maternal care for Anti-A sensitization, third trimester, fetus 3	Diagnosis	ICD-10-CM
O361134	Maternal care for Anti-A sensitization, third trimester, fetus 4	Diagnosis	ICD-10-CM
O361135	Maternal care for Anti-A sensitization, third trimester, fetus 5	Diagnosis	ICD-10-CM
O361139	Maternal care for Anti-A sensitization, third trimester, other fetus	Diagnosis	ICD-10-CM
O361910	Maternal care for other isoimmunization, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O361911	Maternal care for other isoimmunization, first trimester, fetus 1	Diagnosis	ICD-10-CM
O361912	Maternal care for other isoimmunization, first trimester, fetus 2	Diagnosis	ICD-10-CM
O361913	Maternal care for other isoimmunization, first trimester, fetus 3	Diagnosis	ICD-10-CM
O361914	Maternal care for other isoimmunization, first trimester, fetus 4	Diagnosis	ICD-10-CM
O361915	Maternal care for other isoimmunization, first trimester, fetus 5	Diagnosis	ICD-10-CM
O361919	Maternal care for other isoimmunization, first trimester, other fetus	Diagnosis	ICD-10-CM
O361920	Maternal care for other isoimmunization, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O361921	Maternal care for other isoimmunization, second trimester, fetus 1	Diagnosis	ICD-10-CM
O361922	Maternal care for other isoimmunization, second trimester, fetus 2	Diagnosis	ICD-10-CM
O361923	Maternal care for other isoimmunization, second trimester, fetus 3	Diagnosis	ICD-10-CM
O361924	Maternal care for other isoimmunization, second trimester, fetus 4	Diagnosis	ICD-10-CM
O361925	Maternal care for other isoimmunization, second trimester, fetus 5	Diagnosis	ICD-10-CM
O361929	Maternal care for other isoimmunization, second trimester, other fetus	Diagnosis	ICD-10-CM
O361930	Maternal care for other isoimmunization, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O361931	Maternal care for other isoimmunization, third trimester, fetus 1	Diagnosis	ICD-10-CM
O361932	Maternal care for other isoimmunization, third trimester, fetus 2	Diagnosis	ICD-10-CM
O361933	Maternal care for other isoimmunization, third trimester, fetus 3	Diagnosis	ICD-10-CM
O361934	Maternal care for other isoimmunization, third trimester, fetus 4	Diagnosis	ICD-10-CM
O361935	Maternal care for other isoimmunization, third trimester, fetus 5	Diagnosis	ICD-10-CM
O361939	Maternal care for other isoimmunization, third trimester, other fetus	Diagnosis	ICD-10-CM
O3621X0	Maternal care for hydrops fetalis, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3621X1	Maternal care for hydrops fetalis, first trimester, fetus 1	Diagnosis	ICD-10-CM
O3621X2	Maternal care for hydrops fetalis, first trimester, fetus 2	Diagnosis	ICD-10-CM
O3621X3	Maternal care for hydrops fetalis, first trimester, fetus 3	Diagnosis	ICD-10-CM
O3621X4	Maternal care for hydrops fetalis, first trimester, fetus 4	Diagnosis	ICD-10-CM
O3621X5	Maternal care for hydrops fetalis, first trimester, fetus 5	Diagnosis	ICD-10-CM
O3621X9	Maternal care for hydrops fetalis, first trimester, other fetus	Diagnosis	ICD-10-CM
O3622X0	Maternal care for hydrops fetalis, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3622X1	Maternal care for hydrops fetalis, second trimester, fetus 1	Diagnosis	ICD-10-CM
O3622X2	Maternal care for hydrops fetalis, second trimester, fetus 2	Diagnosis	ICD-10-CM
O3622X3	Maternal care for hydrops fetalis, second trimester, fetus 3	Diagnosis	ICD-10-CM
O3622X4	Maternal care for hydrops fetalis, second trimester, fetus 4	Diagnosis	ICD-10-CM
O3622X5	Maternal care for hydrops fetalis, second trimester, fetus 5	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O3622X9	Maternal care for hydrops fetalis, second trimester, other fetus	Diagnosis	ICD-10-CM
O3623X0	Maternal care for hydrops fetalis, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3623X1	Maternal care for hydrops fetalis, third trimester, fetus 1	Diagnosis	ICD-10-CM
O3623X2	Maternal care for hydrops fetalis, third trimester, fetus 2	Diagnosis	ICD-10-CM
O3623X3	Maternal care for hydrops fetalis, third trimester, fetus 3	Diagnosis	ICD-10-CM
O3623X4	Maternal care for hydrops fetalis, third trimester, fetus 4	Diagnosis	ICD-10-CM
O3623X5	Maternal care for hydrops fetalis, third trimester, fetus 5	Diagnosis	ICD-10-CM
O3623X9	Maternal care for hydrops fetalis, third trimester, other fetus	Diagnosis	ICD-10-CM
O365110	Maternal care for known or suspected placental insufficiency, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O365111	Maternal care for known or suspected placental insufficiency, first trimester, fetus 1	Diagnosis	ICD-10-CM
O365112	Maternal care for known or suspected placental insufficiency, first trimester, fetus 2	Diagnosis	ICD-10-CM
O365113	Maternal care for known or suspected placental insufficiency, first trimester, fetus 3	Diagnosis	ICD-10-CM
O365114	Maternal care for known or suspected placental insufficiency, first trimester, fetus 4	Diagnosis	ICD-10-CM
O365115	Maternal care for known or suspected placental insufficiency, first trimester, fetus 5	Diagnosis	ICD-10-CM
O365119	Maternal care for known or suspected placental insufficiency, first trimester, other fetus	Diagnosis	ICD-10-CM
O365120	Maternal care for known or suspected placental insufficiency, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O365121	Maternal care for known or suspected placental insufficiency, second trimester, fetus 1	Diagnosis	ICD-10-CM
O365122	Maternal care for known or suspected placental insufficiency, second trimester, fetus 2	Diagnosis	ICD-10-CM
O365123	Maternal care for known or suspected placental insufficiency, second trimester, fetus 3	Diagnosis	ICD-10-CM
O365124	Maternal care for known or suspected placental insufficiency, second trimester, fetus 4	Diagnosis	ICD-10-CM
O365125	Maternal care for known or suspected placental insufficiency, second trimester, fetus 5	Diagnosis	ICD-10-CM
O365129	Maternal care for known or suspected placental insufficiency, second trimester, other fetus	Diagnosis	ICD-10-CM
O365130	Maternal care for known or suspected placental insufficiency, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O365131	Maternal care for known or suspected placental insufficiency, third trimester, fetus 1	Diagnosis	ICD-10-CM
O365132	Maternal care for known or suspected placental insufficiency, third trimester, fetus 2	Diagnosis	ICD-10-CM
O365133	Maternal care for known or suspected placental insufficiency, third trimester, fetus 3	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O365134	Maternal care for known or suspected placental insufficiency, third trimester, fetus 4	Diagnosis	ICD-10-CM
O365135	Maternal care for known or suspected placental insufficiency, third trimester, fetus 5	Diagnosis	ICD-10-CM
O365139	Maternal care for known or suspected placental insufficiency, third trimester, other fetus	Diagnosis	ICD-10-CM
O365910	Maternal care for other known or suspected poor fetal growth, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O365911	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 1	Diagnosis	ICD-10-CM
O365912	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 2	Diagnosis	ICD-10-CM
O365913	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 3	Diagnosis	ICD-10-CM
O365914	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 4	Diagnosis	ICD-10-CM
O365915	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 5	Diagnosis	ICD-10-CM
O365919	Maternal care for other known or suspected poor fetal growth, first trimester, other fetus	Diagnosis	ICD-10-CM
O365920	Maternal care for other known or suspected poor fetal growth, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O365921	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 1	Diagnosis	ICD-10-CM
O365922	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 2	Diagnosis	ICD-10-CM
O365923	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 3	Diagnosis	ICD-10-CM
O365924	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 4	Diagnosis	ICD-10-CM
O365925	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 5	Diagnosis	ICD-10-CM
O365929	Maternal care for other known or suspected poor fetal growth, second trimester, other fetus	Diagnosis	ICD-10-CM
O365930	Maternal care for other known or suspected poor fetal growth, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O365931	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 1	Diagnosis	ICD-10-CM
O365932	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 2	Diagnosis	ICD-10-CM
O365933	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 3	Diagnosis	ICD-10-CM
O365934	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 4	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O365935	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 5	Diagnosis	ICD-10-CM
O365939	Maternal care for other known or suspected poor fetal growth, third trimester, other fetus	Diagnosis	ICD-10-CM
O3661X0	Maternal care for excessive fetal growth, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3661X1	Maternal care for excessive fetal growth, first trimester, fetus 1	Diagnosis	ICD-10-CM
O3661X2	Maternal care for excessive fetal growth, first trimester, fetus 2	Diagnosis	ICD-10-CM
O3661X3	Maternal care for excessive fetal growth, first trimester, fetus 3	Diagnosis	ICD-10-CM
O3661X4	Maternal care for excessive fetal growth, first trimester, fetus 4	Diagnosis	ICD-10-CM
O3661X5	Maternal care for excessive fetal growth, first trimester, fetus 5	Diagnosis	ICD-10-CM
O3661X9	Maternal care for excessive fetal growth, first trimester, other fetus	Diagnosis	ICD-10-CM
O3662X0	Maternal care for excessive fetal growth, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3662X1	Maternal care for excessive fetal growth, second trimester, fetus 1	Diagnosis	ICD-10-CM
O3662X2	Maternal care for excessive fetal growth, second trimester, fetus 2	Diagnosis	ICD-10-CM
O3662X3	Maternal care for excessive fetal growth, second trimester, fetus 3	Diagnosis	ICD-10-CM
O3662X4	Maternal care for excessive fetal growth, second trimester, fetus 4	Diagnosis	ICD-10-CM
O3662X5	Maternal care for excessive fetal growth, second trimester, fetus 5	Diagnosis	ICD-10-CM
O3662X9	Maternal care for excessive fetal growth, second trimester, other fetus	Diagnosis	ICD-10-CM
O3663X0	Maternal care for excessive fetal growth, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3663X1	Maternal care for excessive fetal growth, third trimester, fetus 1	Diagnosis	ICD-10-CM
O3663X2	Maternal care for excessive fetal growth, third trimester, fetus 2	Diagnosis	ICD-10-CM
O3663X3	Maternal care for excessive fetal growth, third trimester, fetus 3	Diagnosis	ICD-10-CM
O3663X4	Maternal care for excessive fetal growth, third trimester, fetus 4	Diagnosis	ICD-10-CM
O3663X5	Maternal care for excessive fetal growth, third trimester, fetus 5	Diagnosis	ICD-10-CM
O3663X9	Maternal care for excessive fetal growth, third trimester, other fetus	Diagnosis	ICD-10-CM
O3671X0	Maternal care for viable fetus in abdominal pregnancy, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3671X1	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 1	Diagnosis	ICD-10-CM
O3671X2	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 2	Diagnosis	ICD-10-CM
O3671X3	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 3	Diagnosis	ICD-10-CM
O3671X4	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 4	Diagnosis	ICD-10-CM
O3671X5	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 5	Diagnosis	ICD-10-CM
O3671X9	Maternal care for viable fetus in abdominal pregnancy, first trimester, other fetus	Diagnosis	ICD-10-CM
O3672X0	Maternal care for viable fetus in abdominal pregnancy, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O3672X1	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 1	Diagnosis	ICD-10-CM
O3672X2	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 2	Diagnosis	ICD-10-CM
O3672X3	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 3	Diagnosis	ICD-10-CM
O3672X4	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 4	Diagnosis	ICD-10-CM
O3672X5	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 5	Diagnosis	ICD-10-CM
O3672X9	Maternal care for viable fetus in abdominal pregnancy, second trimester, other fetus	Diagnosis	ICD-10-CM
O3673X0	Maternal care for viable fetus in abdominal pregnancy, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3673X1	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 1	Diagnosis	ICD-10-CM
O3673X2	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 2	Diagnosis	ICD-10-CM
O3673X3	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 3	Diagnosis	ICD-10-CM
O3673X4	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 4	Diagnosis	ICD-10-CM
O3673X5	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 5	Diagnosis	ICD-10-CM
O3673X9	Maternal care for viable fetus in abdominal pregnancy, third trimester, other fetus	Diagnosis	ICD-10-CM
O368120	Decreased fetal movements, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O368121	Decreased fetal movements, second trimester, fetus 1	Diagnosis	ICD-10-CM
O368122	Decreased fetal movements, second trimester, fetus 2	Diagnosis	ICD-10-CM
O368123	Decreased fetal movements, second trimester, fetus 3	Diagnosis	ICD-10-CM
O368124	Decreased fetal movements, second trimester, fetus 4	Diagnosis	ICD-10-CM
O368125	Decreased fetal movements, second trimester, fetus 5	Diagnosis	ICD-10-CM
O368129	Decreased fetal movements, second trimester, other fetus	Diagnosis	ICD-10-CM
O368130	Decreased fetal movements, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O368131	Decreased fetal movements, third trimester, fetus 1	Diagnosis	ICD-10-CM
O368132	Decreased fetal movements, third trimester, fetus 2	Diagnosis	ICD-10-CM
O368133	Decreased fetal movements, third trimester, fetus 3	Diagnosis	ICD-10-CM
O368134	Decreased fetal movements, third trimester, fetus 4	Diagnosis	ICD-10-CM
O368135	Decreased fetal movements, third trimester, fetus 5	Diagnosis	ICD-10-CM
O368139	Decreased fetal movements, third trimester, other fetus	Diagnosis	ICD-10-CM
O368210	Fetal anemia and thrombocytopenia, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O368211	Fetal anemia and thrombocytopenia, first trimester, fetus 1	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O368212	Fetal anemia and thrombocytopenia, first trimester, fetus 2	Diagnosis	ICD-10-CM
O368213	Fetal anemia and thrombocytopenia, first trimester, fetus 3	Diagnosis	ICD-10-CM
O368214	Fetal anemia and thrombocytopenia, first trimester, fetus 4	Diagnosis	ICD-10-CM
O368215	Fetal anemia and thrombocytopenia, first trimester, fetus 5	Diagnosis	ICD-10-CM
O368219	Fetal anemia and thrombocytopenia, first trimester, other fetus	Diagnosis	ICD-10-CM
O368220	Fetal anemia and thrombocytopenia, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O368221	Fetal anemia and thrombocytopenia, second trimester, fetus 1	Diagnosis	ICD-10-CM
O368222	Fetal anemia and thrombocytopenia, second trimester, fetus 2	Diagnosis	ICD-10-CM
O368223	Fetal anemia and thrombocytopenia, second trimester, fetus 3	Diagnosis	ICD-10-CM
O368224	Fetal anemia and thrombocytopenia, second trimester, fetus 4	Diagnosis	ICD-10-CM
O368225	Fetal anemia and thrombocytopenia, second trimester, fetus 5	Diagnosis	ICD-10-CM
O368229	Fetal anemia and thrombocytopenia, second trimester, other fetus	Diagnosis	ICD-10-CM
O368230	Fetal anemia and thrombocytopenia, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O368231	Fetal anemia and thrombocytopenia, third trimester, fetus 1	Diagnosis	ICD-10-CM
O368232	Fetal anemia and thrombocytopenia, third trimester, fetus 2	Diagnosis	ICD-10-CM
O368233	Fetal anemia and thrombocytopenia, third trimester, fetus 3	Diagnosis	ICD-10-CM
O368234	Fetal anemia and thrombocytopenia, third trimester, fetus 4	Diagnosis	ICD-10-CM
O368235	Fetal anemia and thrombocytopenia, third trimester, fetus 5	Diagnosis	ICD-10-CM
O368239	Fetal anemia and thrombocytopenia, third trimester, other fetus	Diagnosis	ICD-10-CM
O368310	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O368311	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 1	Diagnosis	ICD-10-CM
O368312	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 2	Diagnosis	ICD-10-CM
O368313	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 3	Diagnosis	ICD-10-CM
O368314	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 4	Diagnosis	ICD-10-CM
O368315	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 5	Diagnosis	ICD-10-CM
O368320	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O368321	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 1	Diagnosis	ICD-10-CM
O368322	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 2	Diagnosis	ICD-10-CM
O368323	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 3	Diagnosis	ICD-10-CM
O368324	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 4	Diagnosis	ICD-10-CM
O368325	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 5	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O368329	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, other fetus	Diagnosis	ICD-10-CM
O368330	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O368331	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 1	Diagnosis	ICD-10-CM
O368332	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 2	Diagnosis	ICD-10-CM
O368333	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 3	Diagnosis	ICD-10-CM
O368334	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 4	Diagnosis	ICD-10-CM
O368335	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 5	Diagnosis	ICD-10-CM
O368339	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, other fetus	Diagnosis	ICD-10-CM
O368910	Maternal care for other specified fetal problems, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O368911	Maternal care for other specified fetal problems, first trimester, fetus 1	Diagnosis	ICD-10-CM
O368912	Maternal care for other specified fetal problems, first trimester, fetus 2	Diagnosis	ICD-10-CM
O368913	Maternal care for other specified fetal problems, first trimester, fetus 3	Diagnosis	ICD-10-CM
O368914	Maternal care for other specified fetal problems, first trimester, fetus 4	Diagnosis	ICD-10-CM
O368915	Maternal care for other specified fetal problems, first trimester, fetus 5	Diagnosis	ICD-10-CM
O368919	Maternal care for other specified fetal problems, first trimester, other fetus	Diagnosis	ICD-10-CM
O368920	Maternal care for other specified fetal problems, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O368921	Maternal care for other specified fetal problems, second trimester, fetus 1	Diagnosis	ICD-10-CM
O368922	Maternal care for other specified fetal problems, second trimester, fetus 2	Diagnosis	ICD-10-CM
O368923	Maternal care for other specified fetal problems, second trimester, fetus 3	Diagnosis	ICD-10-CM
O368924	Maternal care for other specified fetal problems, second trimester, fetus 4	Diagnosis	ICD-10-CM
O368925	Maternal care for other specified fetal problems, second trimester, fetus 5	Diagnosis	ICD-10-CM
O368929	Maternal care for other specified fetal problems, second trimester, other fetus	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O368930	Maternal care for other specified fetal problems, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O368931	Maternal care for other specified fetal problems, third trimester, fetus 1	Diagnosis	ICD-10-CM
O368932	Maternal care for other specified fetal problems, third trimester, fetus 2	Diagnosis	ICD-10-CM
O368933	Maternal care for other specified fetal problems, third trimester, fetus 3	Diagnosis	ICD-10-CM
O368934	Maternal care for other specified fetal problems, third trimester, fetus 4	Diagnosis	ICD-10-CM
O368935	Maternal care for other specified fetal problems, third trimester, fetus 5	Diagnosis	ICD-10-CM
O368939	Maternal care for other specified fetal problems, third trimester, other fetus	Diagnosis	ICD-10-CM
O3691X0	Maternal care for fetal problem, unspecified, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3691X1	Maternal care for fetal problem, unspecified, first trimester, fetus 1	Diagnosis	ICD-10-CM
O3691X2	Maternal care for fetal problem, unspecified, first trimester, fetus 2	Diagnosis	ICD-10-CM
O3691X3	Maternal care for fetal problem, unspecified, first trimester, fetus 3	Diagnosis	ICD-10-CM
O3691X4	Maternal care for fetal problem, unspecified, first trimester, fetus 4	Diagnosis	ICD-10-CM
O3691X5	Maternal care for fetal problem, unspecified, first trimester, fetus 5	Diagnosis	ICD-10-CM
O3691X9	Maternal care for fetal problem, unspecified, first trimester, other fetus	Diagnosis	ICD-10-CM
O3692X0	Maternal care for fetal problem, unspecified, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3692X1	Maternal care for fetal problem, unspecified, second trimester, fetus 1	Diagnosis	ICD-10-CM
O3692X2	Maternal care for fetal problem, unspecified, second trimester, fetus 2	Diagnosis	ICD-10-CM
O3692X3	Maternal care for fetal problem, unspecified, second trimester, fetus 3	Diagnosis	ICD-10-CM
O3692X4	Maternal care for fetal problem, unspecified, second trimester, fetus 4	Diagnosis	ICD-10-CM
O3692X5	Maternal care for fetal problem, unspecified, second trimester, fetus 5	Diagnosis	ICD-10-CM
O3692X9	Maternal care for fetal problem, unspecified, second trimester, other fetus	Diagnosis	ICD-10-CM
O3693X0	Maternal care for fetal problem, unspecified, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3693X1	Maternal care for fetal problem, unspecified, third trimester, fetus 1	Diagnosis	ICD-10-CM
O3693X2	Maternal care for fetal problem, unspecified, third trimester, fetus 2	Diagnosis	ICD-10-CM
O3693X3	Maternal care for fetal problem, unspecified, third trimester, fetus 3	Diagnosis	ICD-10-CM
O3693X4	Maternal care for fetal problem, unspecified, third trimester, fetus 4	Diagnosis	ICD-10-CM
O3693X5	Maternal care for fetal problem, unspecified, third trimester, fetus 5	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O3693X9	Maternal care for fetal problem, unspecified, third trimester, other fetus	Diagnosis	ICD-10-CM
O401XX0	Polyhydramnios, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O401XX1	Polyhydramnios, first trimester, fetus 1	Diagnosis	ICD-10-CM
O401XX2	Polyhydramnios, first trimester, fetus 2	Diagnosis	ICD-10-CM
O401XX3	Polyhydramnios, first trimester, fetus 3	Diagnosis	ICD-10-CM
O401XX4	Polyhydramnios, first trimester, fetus 4	Diagnosis	ICD-10-CM
O401XX5	Polyhydramnios, first trimester, fetus 5	Diagnosis	ICD-10-CM
O401XX9	Polyhydramnios, first trimester, other fetus	Diagnosis	ICD-10-CM
O402XX0	Polyhydramnios, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O402XX1	Polyhydramnios, second trimester, fetus 1	Diagnosis	ICD-10-CM
O402XX2	Polyhydramnios, second trimester, fetus 2	Diagnosis	ICD-10-CM
O402XX3	Polyhydramnios, second trimester, fetus 3	Diagnosis	ICD-10-CM
O402XX4	Polyhydramnios, second trimester, fetus 4	Diagnosis	ICD-10-CM
O402XX5	Polyhydramnios, second trimester, fetus 5	Diagnosis	ICD-10-CM
O402XX9	Polyhydramnios, second trimester, other fetus	Diagnosis	ICD-10-CM
O403XX0	Polyhydramnios, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O403XX1	Polyhydramnios, third trimester, fetus 1	Diagnosis	ICD-10-CM
O403XX2	Polyhydramnios, third trimester, fetus 2	Diagnosis	ICD-10-CM
O403XX3	Polyhydramnios, third trimester, fetus 3	Diagnosis	ICD-10-CM
O403XX4	Polyhydramnios, third trimester, fetus 4	Diagnosis	ICD-10-CM
O403XX5	Polyhydramnios, third trimester, fetus 5	Diagnosis	ICD-10-CM
O403XX9	Polyhydramnios, third trimester, other fetus	Diagnosis	ICD-10-CM
O4101X0	Oligohydramnios, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O4101X1	Oligohydramnios, first trimester, fetus 1	Diagnosis	ICD-10-CM
O4101X2	Oligohydramnios, first trimester, fetus 2	Diagnosis	ICD-10-CM
O4101X3	Oligohydramnios, first trimester, fetus 3	Diagnosis	ICD-10-CM
O4101X4	Oligohydramnios, first trimester, fetus 4	Diagnosis	ICD-10-CM
O4101X5	Oligohydramnios, first trimester, fetus 5	Diagnosis	ICD-10-CM
O4101X9	Oligohydramnios, first trimester, other fetus	Diagnosis	ICD-10-CM
O4102X0	Oligohydramnios, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O4102X1	Oligohydramnios, second trimester, fetus 1	Diagnosis	ICD-10-CM
O4102X2	Oligohydramnios, second trimester, fetus 2	Diagnosis	ICD-10-CM
O4102X3	Oligohydramnios, second trimester, fetus 3	Diagnosis	ICD-10-CM
O4102X4	Oligohydramnios, second trimester, fetus 4	Diagnosis	ICD-10-CM
O4102X5	Oligohydramnios, second trimester, fetus 5	Diagnosis	ICD-10-CM
O4102X9	Oligohydramnios, second trimester, other fetus	Diagnosis	ICD-10-CM
O4103X0	Oligohydramnios, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O4103X1	Oligohydramnios, third trimester, fetus 1	Diagnosis	ICD-10-CM
O4103X2	Oligohydramnios, third trimester, fetus 2	Diagnosis	ICD-10-CM
O4103X3	Oligohydramnios, third trimester, fetus 3	Diagnosis	ICD-10-CM
O4103X4	Oligohydramnios, third trimester, fetus 4	Diagnosis	ICD-10-CM
O4103X5	Oligohydramnios, third trimester, fetus 5	Diagnosis	ICD-10-CM
O4103X9	Oligohydramnios, third trimester, other fetus	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O411010	Infection of amniotic sac and membranes, unspecified, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O411011	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 1	Diagnosis	ICD-10-CM
O411012	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 2	Diagnosis	ICD-10-CM
O411013	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 3	Diagnosis	ICD-10-CM
O411014	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 4	Diagnosis	ICD-10-CM
O411015	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 5	Diagnosis	ICD-10-CM
O411019	Infection of amniotic sac and membranes, unspecified, first trimester, other fetus	Diagnosis	ICD-10-CM
O411020	Infection of amniotic sac and membranes, unspecified, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O411021	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 1	Diagnosis	ICD-10-CM
O411022	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 2	Diagnosis	ICD-10-CM
O411023	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 3	Diagnosis	ICD-10-CM
O411024	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 4	Diagnosis	ICD-10-CM
O411025	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 5	Diagnosis	ICD-10-CM
O411029	Infection of amniotic sac and membranes, unspecified, second trimester, other fetus	Diagnosis	ICD-10-CM
O411030	Infection of amniotic sac and membranes, unspecified, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O411031	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 1	Diagnosis	ICD-10-CM
O411032	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 2	Diagnosis	ICD-10-CM
O411033	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 3	Diagnosis	ICD-10-CM
O411034	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 4	Diagnosis	ICD-10-CM
O411035	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 5	Diagnosis	ICD-10-CM
O411039	Infection of amniotic sac and membranes, unspecified, third trimester, other fetus	Diagnosis	ICD-10-CM
O411210	Chorioamnionitis, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O411211	Chorioamnionitis, first trimester, fetus 1	Diagnosis	ICD-10-CM
O411212	Chorioamnionitis, first trimester, fetus 2	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O411213	Chorioamnionitis, first trimester, fetus 3	Diagnosis	ICD-10-CM
O411214	Chorioamnionitis, first trimester, fetus 4	Diagnosis	ICD-10-CM
O411215	Chorioamnionitis, first trimester, fetus 5	Diagnosis	ICD-10-CM
O411219	Chorioamnionitis, first trimester, other fetus	Diagnosis	ICD-10-CM
O411220	Chorioamnionitis, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O411221	Chorioamnionitis, second trimester, fetus 1	Diagnosis	ICD-10-CM
O411222	Chorioamnionitis, second trimester, fetus 2	Diagnosis	ICD-10-CM
O411223	Chorioamnionitis, second trimester, fetus 3	Diagnosis	ICD-10-CM
O411224	Chorioamnionitis, second trimester, fetus 4	Diagnosis	ICD-10-CM
O411225	Chorioamnionitis, second trimester, fetus 5	Diagnosis	ICD-10-CM
O411229	Chorioamnionitis, second trimester, other fetus	Diagnosis	ICD-10-CM
O411230	Chorioamnionitis, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O411231	Chorioamnionitis, third trimester, fetus 1	Diagnosis	ICD-10-CM
O411232	Chorioamnionitis, third trimester, fetus 2	Diagnosis	ICD-10-CM
O411233	Chorioamnionitis, third trimester, fetus 3	Diagnosis	ICD-10-CM
O411234	Chorioamnionitis, third trimester, fetus 4	Diagnosis	ICD-10-CM
O411235	Chorioamnionitis, third trimester, fetus 5	Diagnosis	ICD-10-CM
O411239	Chorioamnionitis, third trimester, other fetus	Diagnosis	ICD-10-CM
O411410	Placentitis, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O411411	Placentitis, first trimester, fetus 1	Diagnosis	ICD-10-CM
O411412	Placentitis, first trimester, fetus 2	Diagnosis	ICD-10-CM
O411413	Placentitis, first trimester, fetus 3	Diagnosis	ICD-10-CM
O411414	Placentitis, first trimester, fetus 4	Diagnosis	ICD-10-CM
O411415	Placentitis, first trimester, fetus 5	Diagnosis	ICD-10-CM
O411419	Placentitis, first trimester, other fetus	Diagnosis	ICD-10-CM
O411420	Placentitis, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O411421	Placentitis, second trimester, fetus 1	Diagnosis	ICD-10-CM
O411422	Placentitis, second trimester, fetus 2	Diagnosis	ICD-10-CM
O411423	Placentitis, second trimester, fetus 3	Diagnosis	ICD-10-CM
O411424	Placentitis, second trimester, fetus 4	Diagnosis	ICD-10-CM
O411425	Placentitis, second trimester, fetus 5	Diagnosis	ICD-10-CM
O411429	Placentitis, second trimester, other fetus	Diagnosis	ICD-10-CM
O411430	Placentitis, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O411431	Placentitis, third trimester, fetus 1	Diagnosis	ICD-10-CM
O411432	Placentitis, third trimester, fetus 2	Diagnosis	ICD-10-CM
O411433	Placentitis, third trimester, fetus 3	Diagnosis	ICD-10-CM
O411434	Placentitis, third trimester, fetus 4	Diagnosis	ICD-10-CM
O411435	Placentitis, third trimester, fetus 5	Diagnosis	ICD-10-CM
O411439	Placentitis, third trimester, other fetus	Diagnosis	ICD-10-CM
O418X10	Other specified disorders of amniotic fluid and membranes, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O418X11	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 1	Diagnosis	ICD-10-CM
O418X12	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 2	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O418X13	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 3	Diagnosis	ICD-10-CM
O418X14	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 4	Diagnosis	ICD-10-CM
O418X15	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 5	Diagnosis	ICD-10-CM
O418X19	Other specified disorders of amniotic fluid and membranes, first trimester, other fetus	Diagnosis	ICD-10-CM
O418X20	Other specified disorders of amniotic fluid and membranes, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O418X21	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 1	Diagnosis	ICD-10-CM
O418X22	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 2	Diagnosis	ICD-10-CM
O418X23	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 3	Diagnosis	ICD-10-CM
O418X24	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 4	Diagnosis	ICD-10-CM
O418X25	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 5	Diagnosis	ICD-10-CM
O418X29	Other specified disorders of amniotic fluid and membranes, second trimester, other fetus	Diagnosis	ICD-10-CM
O418X30	Other specified disorders of amniotic fluid and membranes, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O418X31	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 1	Diagnosis	ICD-10-CM
O418X32	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 2	Diagnosis	ICD-10-CM
O418X33	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 3	Diagnosis	ICD-10-CM
O418X34	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 4	Diagnosis	ICD-10-CM
O418X35	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 5	Diagnosis	ICD-10-CM
O418X39	Other specified disorders of amniotic fluid and membranes, third trimester, other fetus	Diagnosis	ICD-10-CM
O4191X0	Disorder of amniotic fluid and membranes, unspecified, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O4191X1	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 1	Diagnosis	ICD-10-CM
O4191X2	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 2	Diagnosis	ICD-10-CM
O4191X3	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 3	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O4191X4	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 4	Diagnosis	ICD-10-CM
O4191X5	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 5	Diagnosis	ICD-10-CM
O4191X9	Disorder of amniotic fluid and membranes, unspecified, first trimester, other fetus	Diagnosis	ICD-10-CM
O4192X0	Disorder of amniotic fluid and membranes, unspecified, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O4192X1	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 1	Diagnosis	ICD-10-CM
O4192X2	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 2	Diagnosis	ICD-10-CM
O4192X3	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 3	Diagnosis	ICD-10-CM
O4192X4	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 4	Diagnosis	ICD-10-CM
O4192X5	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 5	Diagnosis	ICD-10-CM
O4192X9	Disorder of amniotic fluid and membranes, unspecified, second trimester, other fetus	Diagnosis	ICD-10-CM
O4193X0	Disorder of amniotic fluid and membranes, unspecified, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O4193X1	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 1	Diagnosis	ICD-10-CM
O4193X2	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 2	Diagnosis	ICD-10-CM
O4193X3	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 3	Diagnosis	ICD-10-CM
O4193X4	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 4	Diagnosis	ICD-10-CM
O4193X5	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 5	Diagnosis	ICD-10-CM
O4193X9	Disorder of amniotic fluid and membranes, unspecified, third trimester, other fetus	Diagnosis	ICD-10-CM
O42011	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, first trimester	Diagnosis	ICD-10-CM
O42012	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, second trimester	Diagnosis	ICD-10-CM
O42013	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, third trimester	Diagnosis	ICD-10-CM
O42019	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, unspecified trimester	Diagnosis	ICD-10-CM
O4202	Full-term premature rupture of membranes, onset of labor within 24 hours of rupture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O42111	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, first trimester	Diagnosis	ICD-10-CM
O42112	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, second trimester	Diagnosis	ICD-10-CM
O42113	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, third trimester	Diagnosis	ICD-10-CM
O42119	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, unspecified trimester	Diagnosis	ICD-10-CM
O4212	Full-term premature rupture of membranes, onset of labor more than 24 hours following rupture	Diagnosis	ICD-10-CM
O42911	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, first trimester	Diagnosis	ICD-10-CM
O42912	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, second trimester	Diagnosis	ICD-10-CM
O42913	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, third trimester	Diagnosis	ICD-10-CM
O42919	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, unspecified trimester	Diagnosis	ICD-10-CM
O4292	Full-term premature rupture of membranes, unspecified as to length of time between rupture and onset of labor	Diagnosis	ICD-10-CM
O43011	Fetomaternal placental transfusion syndrome, first trimester	Diagnosis	ICD-10-CM
O43012	Fetomaternal placental transfusion syndrome, second trimester	Diagnosis	ICD-10-CM
O43013	Fetomaternal placental transfusion syndrome, third trimester	Diagnosis	ICD-10-CM
O43021	Fetus-to-fetus placental transfusion syndrome, first trimester	Diagnosis	ICD-10-CM
O43022	Fetus-to-fetus placental transfusion syndrome, second trimester	Diagnosis	ICD-10-CM
O43023	Fetus-to-fetus placental transfusion syndrome, third trimester	Diagnosis	ICD-10-CM
O43101	Malformation of placenta, unspecified, first trimester	Diagnosis	ICD-10-CM
O43102	Malformation of placenta, unspecified, second trimester	Diagnosis	ICD-10-CM
O43103	Malformation of placenta, unspecified, third trimester	Diagnosis	ICD-10-CM
O43111	Circumvallate placenta, first trimester	Diagnosis	ICD-10-CM
O43112	Circumvallate placenta, second trimester	Diagnosis	ICD-10-CM
O43113	Circumvallate placenta, third trimester	Diagnosis	ICD-10-CM
O43121	Velamentous insertion of umbilical cord, first trimester	Diagnosis	ICD-10-CM
O43122	Velamentous insertion of umbilical cord, second trimester	Diagnosis	ICD-10-CM
O43123	Velamentous insertion of umbilical cord, third trimester	Diagnosis	ICD-10-CM
O43191	Other malformation of placenta, first trimester	Diagnosis	ICD-10-CM
O43192	Other malformation of placenta, second trimester	Diagnosis	ICD-10-CM
O43193	Other malformation of placenta, third trimester	Diagnosis	ICD-10-CM
O43211	Placenta accreta, first trimester	Diagnosis	ICD-10-CM
O43212	Placenta accreta, second trimester	Diagnosis	ICD-10-CM
O43213	Placenta accreta, third trimester	Diagnosis	ICD-10-CM
O43221	Placenta increta, first trimester	Diagnosis	ICD-10-CM
O43222	Placenta increta, second trimester	Diagnosis	ICD-10-CM
O43223	Placenta increta, third trimester	Diagnosis	ICD-10-CM
O43231	Placenta percreta, first trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O43232	Placenta percreta, second trimester	Diagnosis	ICD-10-CM
O43233	Placenta percreta, third trimester	Diagnosis	ICD-10-CM
O43811	Placental infarction, first trimester	Diagnosis	ICD-10-CM
O43812	Placental infarction, second trimester	Diagnosis	ICD-10-CM
O43813	Placental infarction, third trimester	Diagnosis	ICD-10-CM
O43891	Other placental disorders, first trimester	Diagnosis	ICD-10-CM
O43892	Other placental disorders, second trimester	Diagnosis	ICD-10-CM
O43893	Other placental disorders, third trimester	Diagnosis	ICD-10-CM
O4391	Unspecified placental disorder, first trimester	Diagnosis	ICD-10-CM
O4392	Unspecified placental disorder, second trimester	Diagnosis	ICD-10-CM
O4393	Unspecified placental disorder, third trimester	Diagnosis	ICD-10-CM
O4401	Complete placenta previa NOS or without hemorrhage, first trimester	Diagnosis	ICD-10-CM
O4402	Complete placenta previa NOS or without hemorrhage, second trimester	Diagnosis	ICD-10-CM
O4403	Complete placenta previa NOS or without hemorrhage, third trimester	Diagnosis	ICD-10-CM
O4411	Complete placenta previa with hemorrhage, first trimester	Diagnosis	ICD-10-CM
O4412	Complete placenta previa with hemorrhage, second trimester	Diagnosis	ICD-10-CM
O4413	Complete placenta previa with hemorrhage, third trimester	Diagnosis	ICD-10-CM
O4421	Partial placenta previa NOS or without hemorrhage, first trimester	Diagnosis	ICD-10-CM
O4422	Partial placenta previa NOS or without hemorrhage, second trimester	Diagnosis	ICD-10-CM
O4423	Partial placenta previa NOS or without hemorrhage, third trimester	Diagnosis	ICD-10-CM
O4431	Partial placenta previa with hemorrhage, first trimester	Diagnosis	ICD-10-CM
O4432	Partial placenta previa with hemorrhage, second trimester	Diagnosis	ICD-10-CM
O4433	Partial placenta previa with hemorrhage, third trimester	Diagnosis	ICD-10-CM
O4441	Low lying placenta NOS or without hemorrhage, first trimester	Diagnosis	ICD-10-CM
O4442	Low lying placenta NOS or without hemorrhage, second trimester	Diagnosis	ICD-10-CM
O4443	Low lying placenta NOS or without hemorrhage, third trimester	Diagnosis	ICD-10-CM
O4451	Low lying placenta with hemorrhage, first trimester	Diagnosis	ICD-10-CM
O4452	Low lying placenta with hemorrhage, second trimester	Diagnosis	ICD-10-CM
O4453	Low lying placenta with hemorrhage, third trimester	Diagnosis	ICD-10-CM
O45001	Premature separation of placenta with coagulation defect, unspecified, first trimester	Diagnosis	ICD-10-CM
O45002	Premature separation of placenta with coagulation defect, unspecified, second trimester	Diagnosis	ICD-10-CM
O45003	Premature separation of placenta with coagulation defect, unspecified, third trimester	Diagnosis	ICD-10-CM
O45011	Premature separation of placenta with afibrinogenemia, first trimester	Diagnosis	ICD-10-CM
O45012	Premature separation of placenta with afibrinogenemia, second trimester	Diagnosis	ICD-10-CM
O45013	Premature separation of placenta with afibrinogenemia, third trimester	Diagnosis	ICD-10-CM
O45021	Premature separation of placenta with disseminated intravascular coagulation, first trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O45022	Premature separation of placenta with disseminated intravascular coagulation, second trimester	Diagnosis	ICD-10-CM
O45023	Premature separation of placenta with disseminated intravascular coagulation, third trimester	Diagnosis	ICD-10-CM
O45091	Premature separation of placenta with other coagulation defect, first trimester	Diagnosis	ICD-10-CM
O45092	Premature separation of placenta with other coagulation defect, second trimester	Diagnosis	ICD-10-CM
O45093	Premature separation of placenta with other coagulation defect, third trimester	Diagnosis	ICD-10-CM
O458X1	Other premature separation of placenta, first trimester	Diagnosis	ICD-10-CM
O458X2	Other premature separation of placenta, second trimester	Diagnosis	ICD-10-CM
O458X3	Other premature separation of placenta, third trimester	Diagnosis	ICD-10-CM
O4591	Premature separation of placenta, unspecified, first trimester	Diagnosis	ICD-10-CM
O4592	Premature separation of placenta, unspecified, second trimester	Diagnosis	ICD-10-CM
O4593	Premature separation of placenta, unspecified, third trimester	Diagnosis	ICD-10-CM
O46001	Antepartum hemorrhage with coagulation defect, unspecified, first trimester	Diagnosis	ICD-10-CM
O46002	Antepartum hemorrhage with coagulation defect, unspecified, second trimester	Diagnosis	ICD-10-CM
O46003	Antepartum hemorrhage with coagulation defect, unspecified, third trimester	Diagnosis	ICD-10-CM
O46011	Antepartum hemorrhage with afibrinogenemia, first trimester	Diagnosis	ICD-10-CM
O46012	Antepartum hemorrhage with afibrinogenemia, second trimester	Diagnosis	ICD-10-CM
O46013	Antepartum hemorrhage with afibrinogenemia, third trimester	Diagnosis	ICD-10-CM
O46021	Antepartum hemorrhage with disseminated intravascular coagulation, first trimester	Diagnosis	ICD-10-CM
O46022	Antepartum hemorrhage with disseminated intravascular coagulation, second trimester	Diagnosis	ICD-10-CM
O46023	Antepartum hemorrhage with disseminated intravascular coagulation, third trimester	Diagnosis	ICD-10-CM
O46091	Antepartum hemorrhage with other coagulation defect, first trimester	Diagnosis	ICD-10-CM
O46092	Antepartum hemorrhage with other coagulation defect, second trimester	Diagnosis	ICD-10-CM
O46093	Antepartum hemorrhage with other coagulation defect, third trimester	Diagnosis	ICD-10-CM
O468X1	Other antepartum hemorrhage, first trimester	Diagnosis	ICD-10-CM
O468X2	Other antepartum hemorrhage, second trimester	Diagnosis	ICD-10-CM
O468X3	Other antepartum hemorrhage, third trimester	Diagnosis	ICD-10-CM
O4691	Antepartum hemorrhage, unspecified, first trimester	Diagnosis	ICD-10-CM
O4692	Antepartum hemorrhage, unspecified, second trimester	Diagnosis	ICD-10-CM
O4693	Antepartum hemorrhage, unspecified, third trimester	Diagnosis	ICD-10-CM
O4702	False labor before 37 completed weeks of gestation, second trimester	Diagnosis	ICD-10-CM
O4703	False labor before 37 completed weeks of gestation, third trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O471	False labor at or after 37 completed weeks of gestation	Diagnosis	ICD-10-CM
O480	Post-term pregnancy	Diagnosis	ICD-10-CM
O481	Prolonged pregnancy	Diagnosis	ICD-10-CM
O6002	Preterm labor without delivery, second trimester	Diagnosis	ICD-10-CM
O6003	Preterm labor without delivery, third trimester	Diagnosis	ICD-10-CM
O6010X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6010X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O6010X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O6010X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O6010X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O6010X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O6010X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O6012X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6012X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM
O6012X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM
O6012X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM
O6012X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM
O6012X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM
O6012X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM
O6013X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6013X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O6013X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O6013X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O6013X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O6013X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O6013X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O6014X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O6014X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O6014X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O6014X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O6014X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O6014X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O6014X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O6020X0	Term delivery with preterm labor, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6020X1	Term delivery with preterm labor, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O6020X2	Term delivery with preterm labor, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O6020X3	Term delivery with preterm labor, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O6020X4	Term delivery with preterm labor, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O6020X5	Term delivery with preterm labor, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O6020X9	Term delivery with preterm labor, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O6022X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6022X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM
O6022X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM
O6022X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM
O6022X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM
O6022X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM
O6022X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM
O6023X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6023X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM
O6023X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM
O6023X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM
O6023X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM
O6023X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM
O6023X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM
O7102	Rupture of uterus before onset of labor, second trimester	Diagnosis	ICD-10-CM
O7103	Rupture of uterus before onset of labor, third trimester	Diagnosis	ICD-10-CM
O7582	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section	Diagnosis	ICD-10-CM
O80	Encounter for full-term uncomplicated delivery	Diagnosis	ICD-10-CM
O88011	Air embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM
O88012	Air embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM
O88013	Air embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O88111	Amniotic fluid embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM
O88112	Amniotic fluid embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM
O88113	Amniotic fluid embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM
O88211	Thromboembolism in pregnancy, first trimester	Diagnosis	ICD-10-CM
O88212	Thromboembolism in pregnancy, second trimester	Diagnosis	ICD-10-CM
O88213	Thromboembolism in pregnancy, third trimester	Diagnosis	ICD-10-CM
O88311	Pyemic and septic embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM
O88312	Pyemic and septic embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM
O88313	Pyemic and septic embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM
O88811	Other embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM
O88812	Other embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM
O88813	Other embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM
O91011	Infection of nipple associated with pregnancy, first trimester	Diagnosis	ICD-10-CM
O91012	Infection of nipple associated with pregnancy, second trimester	Diagnosis	ICD-10-CM
O91013	Infection of nipple associated with pregnancy, third trimester	Diagnosis	ICD-10-CM
O91111	Abscess of breast associated with pregnancy, first trimester	Diagnosis	ICD-10-CM
O91112	Abscess of breast associated with pregnancy, second trimester	Diagnosis	ICD-10-CM
O91113	Abscess of breast associated with pregnancy, third trimester	Diagnosis	ICD-10-CM
O91211	Nonpurulent mastitis associated with pregnancy, first trimester	Diagnosis	ICD-10-CM
O91212	Nonpurulent mastitis associated with pregnancy, second trimester	Diagnosis	ICD-10-CM
O91213	Nonpurulent mastitis associated with pregnancy, third trimester	Diagnosis	ICD-10-CM
O92011	Retracted nipple associated with pregnancy, first trimester	Diagnosis	ICD-10-CM
O92012	Retracted nipple associated with pregnancy, second trimester	Diagnosis	ICD-10-CM
O92013	Retracted nipple associated with pregnancy, third trimester	Diagnosis	ICD-10-CM
O92111	Cracked nipple associated with pregnancy, first trimester	Diagnosis	ICD-10-CM
O92112	Cracked nipple associated with pregnancy, second trimester	Diagnosis	ICD-10-CM
O92113	Cracked nipple associated with pregnancy, third trimester	Diagnosis	ICD-10-CM
O98011	Tuberculosis complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98012	Tuberculosis complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98013	Tuberculosis complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98111	Syphilis complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98112	Syphilis complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98113	Syphilis complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98211	Gonorrhea complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98212	Gonorrhea complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98213	Gonorrhea complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98311	Other infections with a predominantly sexual mode of transmission complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98312	Other infections with a predominantly sexual mode of transmission complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98313	Other infections with a predominantly sexual mode of transmission complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98411	Viral hepatitis complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98412	Viral hepatitis complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98413	Viral hepatitis complicating pregnancy, third trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O98511	Other viral diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98512	Other viral diseases complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98513	Other viral diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98611	Protozoal diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98612	Protozoal diseases complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98613	Protozoal diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98711	Human immunodeficiency virus [HIV] disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98712	Human immunodeficiency virus [HIV] disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98713	Human immunodeficiency virus [HIV] disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98811	Other maternal infectious and parasitic diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98812	Other maternal infectious and parasitic diseases complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98813	Other maternal infectious and parasitic diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98911	Unspecified maternal infectious and parasitic disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98912	Unspecified maternal infectious and parasitic disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98913	Unspecified maternal infectious and parasitic disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99011	Anemia complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99012	Anemia complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99013	Anemia complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99111	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99112	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99113	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99211	Obesity complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99212	Obesity complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99213	Obesity complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99281	Endocrine, nutritional and metabolic diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99282	Endocrine, nutritional and metabolic diseases complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99283	Endocrine, nutritional and metabolic diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O99311	Alcohol use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99312	Alcohol use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99313	Alcohol use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99321	Drug use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99322	Drug use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99323	Drug use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99331	Smoking (tobacco) complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99332	Smoking (tobacco) complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99333	Smoking (tobacco) complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99341	Other mental disorders complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99342	Other mental disorders complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99343	Other mental disorders complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99351	Diseases of the nervous system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99352	Diseases of the nervous system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99353	Diseases of the nervous system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99411	Diseases of the circulatory system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99412	Diseases of the circulatory system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99413	Diseases of the circulatory system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99511	Diseases of the respiratory system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99512	Diseases of the respiratory system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99513	Diseases of the respiratory system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99611	Diseases of the digestive system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99612	Diseases of the digestive system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99613	Diseases of the digestive system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99711	Diseases of the skin and subcutaneous tissue complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99712	Diseases of the skin and subcutaneous tissue complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99713	Diseases of the skin and subcutaneous tissue complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99841	Bariatric surgery status complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99842	Bariatric surgery status complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99843	Bariatric surgery status complicating pregnancy, third trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O9A111	Malignant neoplasm complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A112	Malignant neoplasm complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A113	Malignant neoplasm complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A211	Injury, poisoning and certain other consequences of external causes complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A212	Injury, poisoning and certain other consequences of external causes complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A213	Injury, poisoning and certain other consequences of external causes complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A311	Physical abuse complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A312	Physical abuse complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A313	Physical abuse complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A411	Sexual abuse complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A412	Sexual abuse complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A413	Sexual abuse complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A511	Psychological abuse complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A512	Psychological abuse complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A513	Psychological abuse complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
P0700	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM
P0701	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM
P0702	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM
P0703	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM
P0710	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM
P0714	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM
P0715	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM
P0716	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM
P0717	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM
P0718	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM
P0720	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM
P0721	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM
P0722	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM
P0723	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM
P0724	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM
P0725	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM
P0726	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM
P0730	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM
P0731	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM
P0732	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM
P0733	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM
P0734	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM
P0735	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM
P0736	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM
P0737	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM
P0738	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
P0739	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM
P0821	Post-term newborn	Diagnosis	ICD-10-CM
P0822	Prolonged gestation of newborn	Diagnosis	ICD-10-CM
S4011	IN VITRO FERTILIZATION;	Procedure	HCPCS
S4013	COMPLETE CYCLE GIFT CASE RATE	Procedure	HCPCS
S4014	COMPLETE CYCLE ZIFT CASE RATE	Procedure	HCPCS
S4015	COMPLETE IVF CYCLE CASE RATE NOS	Procedure	HCPCS
S4016	FROZEN IVF CYCLE CASE RATE	Procedure	HCPCS
S4035	STIMULATED INTRAUTERINE INSEMINATION (IUI), CASE RATE	Procedure	HCPCS
S4037	Cryopreserved embryo transfer, case rate	Procedure	HCPCS
Z3401	Encounter for supervision of normal first pregnancy, first trimester	Diagnosis	ICD-10-CM
Z3402	Encounter for supervision of normal first pregnancy, second trimester	Diagnosis	ICD-10-CM
Z3403	Encounter for supervision of normal first pregnancy, third trimester	Diagnosis	ICD-10-CM
Z3481	Encounter for supervision of other normal pregnancy, first trimester	Diagnosis	ICD-10-CM
Z3482	Encounter for supervision of other normal pregnancy, second trimester	Diagnosis	ICD-10-CM
Z3483	Encounter for supervision of other normal pregnancy, third trimester	Diagnosis	ICD-10-CM
Z3491	Encounter for supervision of normal pregnancy, unspecified, first trimester	Diagnosis	ICD-10-CM
Z3492	Encounter for supervision of normal pregnancy, unspecified, second trimester	Diagnosis	ICD-10-CM
Z3493	Encounter for supervision of normal pregnancy, unspecified, third trimester	Diagnosis	ICD-10-CM
Z3A01	Less than 8 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A08	8 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A09	9 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A10	10 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A11	11 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A12	12 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A13	13 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A14	14 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A15	15 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A16	16 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A17	17 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A18	18 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A19	19 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A20	20 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A21	21 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A22	22 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A23	23 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A24	24 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A25	25 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A26	26 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A27	27 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A28	28 weeks gestation of pregnancy	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Z3A29	29 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A30	30 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A31	31 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A32	32 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A33	33 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A34	34 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A35	35 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A36	36 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A37	37 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A38	38 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A39	39 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A40	40 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A41	41 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A42	42 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A49	Greater than 42 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Pregnancy Delivery			
01964	ANESTHESIA FOR ABORTION PROCEDURES	Procedure	CPT-4
01965	Anesthesia for incomplete or missed abortion procedures	Procedure	CPT-4
01966	Anesthesia for induced abortion procedures	Procedure	CPT-4
0W8NXZZ	Division of Female Perineum, External Approach	Procedure	ICD-10-PCS
10900ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Open Approach	Procedure	ICD-10-PCS
10903ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Approach	Procedure	ICD-10-PCS
10904ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
10907ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10908ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10A00ZZ	Abortion of Products of Conception, Open Approach	Procedure	ICD-10-PCS
10A03ZZ	Abortion of Products of Conception, Percutaneous Approach	Procedure	ICD-10-PCS
10A04ZZ	Abortion of Products of Conception, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
10A07Z6	Abortion of Products of Conception, Vacuum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10A07ZW	Abortion of Products of Conception, Laminaria, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10A07ZX	Abortion of Products of Conception, Abortifacient, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10A07ZZ	Abortion of Products of Conception, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10A08ZZ	Abortion of Products of Conception, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10D00Z0	Extraction of Products of Conception, Classical, Open Approach	Procedure	ICD-10-PCS
10D00Z1	Extraction of Products of Conception, Low Cervical, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
10D00Z2	Extraction of Products of Conception, Extraperitoneal, Open Approach	Procedure	ICD-10-PCS
10D07Z3	Extraction of Products of Conception, Low Forceps, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D07Z4	Extraction of Products of Conception, Mid Forceps, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D07Z5	Extraction of Products of Conception, High Forceps, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D07Z6	Extraction of Products of Conception, Vacuum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D07Z7	Extraction of Products of Conception, Internal Version, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D07Z8	Extraction of Products of Conception, Other, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D27ZZ	Extraction of products of conception, ectopic, via natural or artificial opening	Procedure	ICD-10-PCS
10D28ZZ	Extraction of products of conception, ectopic, via natural or artificial opening endoscopic	Procedure	ICD-10-PCS
10E0XZZ	Delivery of Products of Conception, External Approach	Procedure	ICD-10-PCS
10S07ZZ	Reposition Products of Conception, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10T20ZZ	Resection of products of conception, ectopic, open approach	Procedure	ICD-10-PCS
10T23ZZ	Resection of products of conception, ectopic, percutaneous approach	Procedure	ICD-10-PCS
10T24ZZ	Resection of products of conception, ectopic, percutaneous endoscopic approach	Procedure	ICD-10-PCS
10T27ZZ	Resection of products of conception, ectopic, via natural or artificial opening	Procedure	ICD-10-PCS
10T28ZZ	Resection of products of conception, ectopic, via natural or artificial opening endoscopic	Procedure	ICD-10-PCS
59100	Surgical treatment of ectopic pregnancy: tubal or ovarian, requiring salpingectomy and/or oophorectomy, abdominal or vaginal approach	Procedure	CPT-4
59120	Surgical treatment of ectopic pregnancy; tubal or ovarian, requiring salpingectomy and/or oophorectomy, abdominal or vaginal approach	Procedure	CPT-4
59121	Surgical treatment of ectopic pregnancy; tubal or ovarian, without salpingectomy and/or oophorectomy	Procedure	CPT-4
59125	Surgical Treatment Of Ectopic Pregnancy	Procedure	CPT-4
59126	Surgical Treatment Of Ectopic Pregnancy	Procedure	CPT-4
59130	Surgical treatment of ectopic pregnancy; abdominal pregnancy	Procedure	CPT-4
59135	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy requiring total hysterectomy	Procedure	CPT-4
59136	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy with partial resection of uterus	Procedure	CPT-4
59140	Surgical treatment of ectopic pregnancy; cervical, with evacuation	Procedure	CPT-4
59150	Laparoscopic treatment of ectopic pregnancy; without salpingectomy and/or oophorectomy	Procedure	CPT-4

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Code	Description	Code Category	Code Type
59151	Laparoscopic treatment of ectopic pregnancy; with salpingectomy and/or oophorectomy	Procedure	CPT-4
59400	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care	Procedure	CPT-4
59409	Vaginal delivery only (with or without episiotomy and/or forceps);	Procedure	CPT-4
59410	Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care	Procedure	CPT-4
59510	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care	Procedure	CPT-4
59514	Cesarean delivery only;	Procedure	CPT-4
59515	Cesarean delivery only; including postpartum care	Procedure	CPT-4
59610	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery	Procedure	CPT-4
59612	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps);	Procedure	CPT-4
59614	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care	Procedure	CPT-4
59618	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery	Procedure	CPT-4
59620	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery;	Procedure	CPT-4
59622	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care	Procedure	CPT-4
59812	Treatment of incomplete abortion, any trimester, completed surgically	Procedure	CPT-4
59820	Treatment of incomplete abortion completed surgically, first trimester	Procedure	CPT-4
59821	Treatment of incomplete abortion completed surgically, second trimester	Procedure	CPT-4
59830	Treatment of septic abortion, completed surgically	Procedure	CPT-4
59840	Induced abortion, by dilation and curettage	Procedure	CPT-4
59841	Induced abortion, by dilation and evacuation	Procedure	CPT-4
59850	Induced abortion, by one or more intraamniotic injections	Procedure	CPT-4
59851	Induced abortion, by one or more intraamniotic injections, with dilation and curettage and/or evacuation	Procedure	CPT-4
59852	Induced abortion, by one or more intraamniotic injections, with hysterotomy	Procedure	CPT-4
59855	Induced abortion, by one or more vaginal suppositories	Procedure	CPT-4
59856	Induced abortion, by one or more vaginal suppositories, with dilation and curettage and/or evacuation	Procedure	CPT-4
59857	Induced abortion, by one or more vaginal suppositories, with hysterotomy	Procedure	CPT-4
59870	Evacuation and curettage of uterus for hydatidiform mole	Procedure	CPT-4

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Code	Description	Code Category	Code Type
88016	Necropsy (autopsy), gross examination only; macerated stillborn	Procedure	CPT-4
O00	Ectopic pregnancy	Diagnosis	ICD-10-CM
O000	Abdominal pregnancy	Diagnosis	ICD-10-CM
O0000	Abdominal pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O0001	Abdominal pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O001	Tubal pregnancy	Diagnosis	ICD-10-CM
O0010	Tubal pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00101	Right tubal pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00102	Left tubal pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00109	Unspecified tubal pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O0011	Tubal pregnancy wit intrauterine pregnancy	Diagnosis	ICD-10-CM
O00111	Right tubal pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00112	Left tubal pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00119	Unspecified tubal pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O002	Ovarian pregnancy	Diagnosis	ICD-10-CM
O0020	Ovarian pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00201	Right ovarian pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00202	Left ovarian pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00209	Unspecified ovarian pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O0021	Ovarian pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00211	Right ovarian pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00212	Left ovarian pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00219	Unspecified ovarian pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O008	Other ectopic pregnancy	Diagnosis	ICD-10-CM
O0080	Other ectopic pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O0081	Other ectopic pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O009	Ectopic pregnancy, unspecified	Diagnosis	ICD-10-CM
O0090	Unspecified ectopic pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O0091	Unspecified ectopic pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O01	Hydatidiform mole	Diagnosis	ICD-10-CM
O010	Classical hydatidiform mole	Diagnosis	ICD-10-CM
O011	Incomplete and partial hydatidiform mole	Diagnosis	ICD-10-CM
O019	Hydatidiform mole, unspecified	Diagnosis	ICD-10-CM
O020	Blighted ovum and nonhydatidiform mole	Diagnosis	ICD-10-CM
O021	Missed abortion	Diagnosis	ICD-10-CM
O0289	Other abnormal products of conception	Diagnosis	ICD-10-CM
O029	Abnormal products of conception, unspecified	Diagnosis	ICD-10-CM
O03	Spontaneous abortion	Diagnosis	ICD-10-CM
O030	Genital tract and pelvic infection following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O031	Delayed or excessive hemorrhage following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O032	Embolism following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O0330	Unspecified complication following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O0331	Shock following incomplete spontaneous abortion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O0332	Renal failure following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O0333	Metabolic disorder following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O0334	Damage to pelvic organs following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O0335	Other venous complications following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O0336	Cardiac arrest following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O0337	Sepsis following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O0338	Urinary tract infection following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O0339	Incomplete spontaneous abortion with other complications	Diagnosis	ICD-10-CM
O034	Incomplete spontaneous abortion without complication	Diagnosis	ICD-10-CM
O035	Genital tract and pelvic infection following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O036	Delayed or excessive hemorrhage following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O037	Embolism following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O0380	Unspecified complication following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O0381	Shock following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O0382	Renal failure following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O0383	Metabolic disorder following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O0384	Damage to pelvic organs following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O0385	Other venous complications following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O0386	Cardiac arrest following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O0387	Sepsis following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O0388	Urinary tract infection following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O0389	Complete or unspecified spontaneous abortion with other complications	Diagnosis	ICD-10-CM
O039	Complete or unspecified spontaneous abortion without complication	Diagnosis	ICD-10-CM
O04	Complications following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O045	Genital tract and pelvic infection following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O046	Delayed or excessive hemorrhage following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O047	Embolism following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O048	(Induced) termination of pregnancy with other and unspecified complications	Diagnosis	ICD-10-CM
O0480	(Induced) termination of pregnancy with unspecified complications	Diagnosis	ICD-10-CM
O0481	Shock following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O0482	Renal failure following (induced) termination of pregnancy	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O0483	Metabolic disorder following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O0484	Damage to pelvic organs following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O0485	Other venous complications following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O0486	Cardiac arrest following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O0487	Sepsis following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O0488	Urinary tract infection following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O0489	(Induced) termination of pregnancy with other complications	Diagnosis	ICD-10-CM
O080	Genitl trct and pelvic infct fol ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O081	Delayed or excess hemor fol ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O082	Embolism following ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O083	Shock following ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O084	Renal failure following ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O085	Metabolic disorders following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O086	Damage to pelvic organs and tiss fol an ect and molar preg	Diagnosis	ICD-10-CM
O087	Oth venous comp following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O0881	Cardiac arrest following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O0882	Sepsis following ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O0883	Urinary tract infection fol an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O0889	Other complications following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O089	Unsp complication following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O1002	Pre-existing essential hypertension complicating childbirth	Diagnosis	ICD-10-CM
O1012	Pre-existing hypertensive heart disease complicating childbirth	Diagnosis	ICD-10-CM
O1022	Pre-existing hypertensive chronic kidney disease complicating childbirth	Diagnosis	ICD-10-CM
O1032	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth	Diagnosis	ICD-10-CM
O1042	Pre-existing secondary hypertension complicating childbirth	Diagnosis	ICD-10-CM
O1092	Unspecified pre-existing hypertension complicating childbirth	Diagnosis	ICD-10-CM
O114	Pre-existing hypertension with pre-eclampsia, complicating childbirth	Diagnosis	ICD-10-CM
O1204	Gestational edema, complicating childbirth	Diagnosis	ICD-10-CM
O1214	Gestational proteinuria, complicating childbirth	Diagnosis	ICD-10-CM
O1224	Gestational edema with proteinuria, complicating childbirth	Diagnosis	ICD-10-CM
O134	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth	Diagnosis	ICD-10-CM
O1404	Mild to moderate pre-eclampsia, complicating childbirth	Diagnosis	ICD-10-CM
O1414	Severe pre-eclampsia complicating childbirth	Diagnosis	ICD-10-CM
O1424	HELLP syndrome, complicating childbirth	Diagnosis	ICD-10-CM
O1494	Unspecified pre-eclampsia, complicating childbirth	Diagnosis	ICD-10-CM
O164	Unspecified maternal hypertension, complicating childbirth	Diagnosis	ICD-10-CM
O2402	Pre-existing type 1 diabetes mellitus, in childbirth	Diagnosis	ICD-10-CM
O2412	Pre-existing type 2 diabetes mellitus, in childbirth	Diagnosis	ICD-10-CM
O2432	Unspecified pre-existing diabetes mellitus in childbirth	Diagnosis	ICD-10-CM
O24420	Gestational diabetes mellitus in childbirth, diet controlled	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O24424	Gestational diabetes mellitus in childbirth, insulin controlled	Diagnosis	ICD-10-CM
O24425	Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs	Diagnosis	ICD-10-CM
O24429	Gestational diabetes mellitus in childbirth, unspecified control	Diagnosis	ICD-10-CM
O2482	Other pre-existing diabetes mellitus in childbirth	Diagnosis	ICD-10-CM
O2492	Unspecified diabetes mellitus in childbirth	Diagnosis	ICD-10-CM
O252	Malnutrition in childbirth	Diagnosis	ICD-10-CM
O2662	Liver and biliary tract disorders in childbirth	Diagnosis	ICD-10-CM
O2672	Subluxation of symphysis (pubis) in childbirth	Diagnosis	ICD-10-CM
O3100X0	Papyraceous fetus, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3100X1	Papyraceous fetus, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O3100X2	Papyraceous fetus, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O3100X3	Papyraceous fetus, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O3100X4	Papyraceous fetus, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O3100X5	Papyraceous fetus, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O3100X9	Papyraceous fetus, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O3102X0	Papyraceous fetus, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3102X1	Papyraceous fetus, second trimester, fetus 1	Diagnosis	ICD-10-CM
O3102X2	Papyraceous fetus, second trimester, fetus 2	Diagnosis	ICD-10-CM
O3102X3	Papyraceous fetus, second trimester, fetus 3	Diagnosis	ICD-10-CM
O3102X4	Papyraceous fetus, second trimester, fetus 4	Diagnosis	ICD-10-CM
O3102X5	Papyraceous fetus, second trimester, fetus 5	Diagnosis	ICD-10-CM
O3102X9	Papyraceous fetus, second trimester, other fetus	Diagnosis	ICD-10-CM
O3103X0	Papyraceous fetus, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3103X1	Papyraceous fetus, third trimester, fetus 1	Diagnosis	ICD-10-CM
O3103X2	Papyraceous fetus, third trimester, fetus 2	Diagnosis	ICD-10-CM
O3103X3	Papyraceous fetus, third trimester, fetus 3	Diagnosis	ICD-10-CM
O3103X4	Papyraceous fetus, third trimester, fetus 4	Diagnosis	ICD-10-CM
O3103X5	Papyraceous fetus, third trimester, fetus 5	Diagnosis	ICD-10-CM
O3103X9	Papyraceous fetus, third trimester, other fetus	Diagnosis	ICD-10-CM
O3110X0	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3110X1	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O3110X2	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O3110X3	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O3110X4	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O3110X5	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O3110X9	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, other fetus	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O3111X0	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3111X1	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 1	Diagnosis	ICD-10-CM
O3111X2	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 2	Diagnosis	ICD-10-CM
O3111X3	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 3	Diagnosis	ICD-10-CM
O3111X4	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 4	Diagnosis	ICD-10-CM
O3111X5	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 5	Diagnosis	ICD-10-CM
O3111X9	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, other fetus	Diagnosis	ICD-10-CM
O3112X0	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3112X1	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O3112X2	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O3112X3	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM
O3112X4	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O3112X5	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O3112X9	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O3113X0	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3113X1	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM
O3113X2	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM
O3113X3	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM
O3113X4	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM
O3113X5	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O3113X9	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, other fetus	Diagnosis	ICD-10-CM
O312	Continuing pregnancy after intrauterine death of one fetus or more	Diagnosis	ICD-10-CM
O3120X0	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O3120X1	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O3120X2	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O3120X3	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O3120X4	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O3120X5	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O3120X9	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O3122X0	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O3122X1	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O3122X2	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O3122X3	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM
O3122X4	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O3122X5	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O3122X9	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O3123X1	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM
O3123X2	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM
O3123X3	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM
O3123X4	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM
O3123X5	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O364	Maternal care for intrauterine death	Diagnosis	ICD-10-CM
O364XX0	Maternal care for intrauterine death, not applicable or unspecified	Diagnosis	ICD-10-CM
O364XX1	Maternal care for intrauterine death, fetus 1	Diagnosis	ICD-10-CM
O364XX2	Maternal care for intrauterine death, fetus 2	Diagnosis	ICD-10-CM
O364XX3	Maternal care for intrauterine death, fetus 3	Diagnosis	ICD-10-CM
O364XX4	Maternal care for intrauterine death, fetus 4	Diagnosis	ICD-10-CM
O364XX5	Maternal care for intrauterine death, fetus 5	Diagnosis	ICD-10-CM
O364XX9	Maternal care for intrauterine death, other fetus	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O6012X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6012X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM
O6012X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM
O6012X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM
O6012X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM
O6012X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM
O6012X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM
O6013X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6013X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O6013X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O6013X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O6013X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O6013X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O6013X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O6014X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6014X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O6014X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O6014X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O6014X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O6014X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O6014X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O6022X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6022X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O6022X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM
O6022X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM
O6022X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM
O6022X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM
O6022X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM
O6023X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6023X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM
O6023X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM
O6023X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM
O6023X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM
O6023X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM
O6023X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM
O632	Delayed delivery of second twin, triplet, etc	Diagnosis	ICD-10-CM
O670	Intrapartum hemorrhage with coagulation defect	Diagnosis	ICD-10-CM
O678	Other intrapartum hemorrhage	Diagnosis	ICD-10-CM
O679	Intrapartum hemorrhage, unspecified	Diagnosis	ICD-10-CM
O68	Labor and delivery complicated by abnormality of fetal acid-base balance	Diagnosis	ICD-10-CM
O690XX0	Labor and delivery complicated by prolapse of cord, not applicable or unspecified	Diagnosis	ICD-10-CM
O690XX1	Labor and delivery complicated by prolapse of cord, fetus 1	Diagnosis	ICD-10-CM
O690XX2	Labor and delivery complicated by prolapse of cord, fetus 2	Diagnosis	ICD-10-CM
O690XX3	Labor and delivery complicated by prolapse of cord, fetus 3	Diagnosis	ICD-10-CM
O690XX4	Labor and delivery complicated by prolapse of cord, fetus 4	Diagnosis	ICD-10-CM
O690XX5	Labor and delivery complicated by prolapse of cord, fetus 5	Diagnosis	ICD-10-CM
O690XX9	Labor and delivery complicated by prolapse of cord, other fetus	Diagnosis	ICD-10-CM
O691XX0	Labor and delivery complicated by cord around neck, with compression, not applicable or unspecified	Diagnosis	ICD-10-CM
O691XX1	Labor and delivery complicated by cord around neck, with compression, fetus 1	Diagnosis	ICD-10-CM
O691XX2	Labor and delivery complicated by cord around neck, with compression, fetus 2	Diagnosis	ICD-10-CM
O691XX3	Labor and delivery complicated by cord around neck, with compression, fetus 3	Diagnosis	ICD-10-CM
O691XX4	Labor and delivery complicated by cord around neck, with compression, fetus 4	Diagnosis	ICD-10-CM
O691XX5	Labor and delivery complicated by cord around neck, with compression, fetus 5	Diagnosis	ICD-10-CM
O691XX9	Labor and delivery complicated by cord around neck, with compression, other fetus	Diagnosis	ICD-10-CM
O692XX0	Labor and delivery complicated by other cord entanglement, with compression, not applicable or unspecified	Diagnosis	ICD-10-CM
O692XX1	Labor and delivery complicated by other cord entanglement, with compression, fetus 1	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O692XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	Diagnosis	ICD-10-CM
O692XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	Diagnosis	ICD-10-CM
O692XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	Diagnosis	ICD-10-CM
O692XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	Diagnosis	ICD-10-CM
O692XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	Diagnosis	ICD-10-CM
O693XX0	Labor and delivery complicated by short cord, not applicable or unspecified	Diagnosis	ICD-10-CM
O693XX1	Labor and delivery complicated by short cord, fetus 1	Diagnosis	ICD-10-CM
O693XX2	Labor and delivery complicated by short cord, fetus 2	Diagnosis	ICD-10-CM
O693XX3	Labor and delivery complicated by short cord, fetus 3	Diagnosis	ICD-10-CM
O693XX4	Labor and delivery complicated by short cord, fetus 4	Diagnosis	ICD-10-CM
O693XX5	Labor and delivery complicated by short cord, fetus 5	Diagnosis	ICD-10-CM
O693XX9	Labor and delivery complicated by short cord, other fetus	Diagnosis	ICD-10-CM
O694XX0	Labor and delivery complicated by vasa previa, not applicable or unspecified	Diagnosis	ICD-10-CM
O694XX1	Labor and delivery complicated by vasa previa, fetus 1	Diagnosis	ICD-10-CM
O694XX2	Labor and delivery complicated by vasa previa, fetus 2	Diagnosis	ICD-10-CM
O694XX3	Labor and delivery complicated by vasa previa, fetus 3	Diagnosis	ICD-10-CM
O694XX4	Labor and delivery complicated by vasa previa, fetus 4	Diagnosis	ICD-10-CM
O694XX5	Labor and delivery complicated by vasa previa, fetus 5	Diagnosis	ICD-10-CM
O694XX9	Labor and delivery complicated by vasa previa, other fetus	Diagnosis	ICD-10-CM
O695XX0	Labor and delivery complicated by vascular lesion of cord, not applicable or unspecified	Diagnosis	ICD-10-CM
O695XX1	Labor and delivery complicated by vascular lesion of cord, fetus 1	Diagnosis	ICD-10-CM
O695XX2	Labor and delivery complicated by vascular lesion of cord, fetus 2	Diagnosis	ICD-10-CM
O695XX3	Labor and delivery complicated by vascular lesion of cord, fetus 3	Diagnosis	ICD-10-CM
O695XX4	Labor and delivery complicated by vascular lesion of cord, fetus 4	Diagnosis	ICD-10-CM
O695XX5	Labor and delivery complicated by vascular lesion of cord, fetus 5	Diagnosis	ICD-10-CM
O695XX9	Labor and delivery complicated by vascular lesion of cord, other fetus	Diagnosis	ICD-10-CM
O6981X0	Labor and delivery complicated by cord around neck, without compression, not applicable or unspecified	Diagnosis	ICD-10-CM
O6981X1	Labor and delivery complicated by cord around neck, without compression, fetus 1	Diagnosis	ICD-10-CM
O6981X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	Diagnosis	ICD-10-CM
O6981X3	Labor and delivery complicated by cord around neck, without compression, fetus 3	Diagnosis	ICD-10-CM
O6981X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O6981X5	Labor and delivery complicated by cord around neck, without compression, fetus 5	Diagnosis	ICD-10-CM
O6981X9	Labor and delivery complicated by cord around neck, without compression, other fetus	Diagnosis	ICD-10-CM
O6982X0	Labor and delivery complicated by other cord entanglement, without compression, not applicable or unspecified	Diagnosis	ICD-10-CM
O6982X1	Labor and delivery complicated by other cord entanglement, without compression, fetus 1	Diagnosis	ICD-10-CM
O6982X2	Labor and delivery complicated by other cord entanglement, without compression, fetus 2	Diagnosis	ICD-10-CM
O6982X3	Labor and delivery complicated by other cord entanglement, without compression, fetus 3	Diagnosis	ICD-10-CM
O6982X4	Labor and delivery complicated by other cord entanglement, without compression, fetus 4	Diagnosis	ICD-10-CM
O6982X5	Labor and delivery complicated by other cord entanglement, without compression, fetus 5	Diagnosis	ICD-10-CM
O6982X9	Labor and delivery complicated by other cord entanglement, without compression, other fetus	Diagnosis	ICD-10-CM
O6989X0	Labor and delivery complicated by other cord complications, not applicable or unspecified	Diagnosis	ICD-10-CM
O6989X1	Labor and delivery complicated by other cord complications, fetus 1	Diagnosis	ICD-10-CM
O6989X2	Labor and delivery complicated by other cord complications, fetus 2	Diagnosis	ICD-10-CM
O6989X3	Labor and delivery complicated by other cord complications, fetus 3	Diagnosis	ICD-10-CM
O6989X4	Labor and delivery complicated by other cord complications, fetus 4	Diagnosis	ICD-10-CM
O6989X5	Labor and delivery complicated by other cord complications, fetus 5	Diagnosis	ICD-10-CM
O6989X9	Labor and delivery complicated by other cord complications, other fetus	Diagnosis	ICD-10-CM
O699XX0	Labor and delivery complicated by cord complication, unspecified, not applicable or unspecified	Diagnosis	ICD-10-CM
O699XX1	Labor and delivery complicated by cord complication, unspecified, fetus 1	Diagnosis	ICD-10-CM
O699XX2	Labor and delivery complicated by cord complication, unspecified, fetus 2	Diagnosis	ICD-10-CM
O699XX3	Labor and delivery complicated by cord complication, unspecified, fetus 3	Diagnosis	ICD-10-CM
O699XX4	Labor and delivery complicated by cord complication, unspecified, fetus 4	Diagnosis	ICD-10-CM
O699XX5	Labor and delivery complicated by cord complication, unspecified, fetus 5	Diagnosis	ICD-10-CM
O699XX9	Labor and delivery complicated by cord complication, unspecified, other fetus	Diagnosis	ICD-10-CM
O700	First degree perineal laceration during delivery	Diagnosis	ICD-10-CM
O701	Second degree perineal laceration during delivery	Diagnosis	ICD-10-CM
O7020	Third degree perineal laceration during delivery, unspecified	Diagnosis	ICD-10-CM
O7021	Third degree perineal laceration during delivery, IIIa	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O7022	Third degree perineal laceration during delivery, IIIb	Diagnosis	ICD-10-CM
O7023	Third degree perineal laceration during delivery, IIIc	Diagnosis	ICD-10-CM
O703	Fourth degree perineal laceration during delivery	Diagnosis	ICD-10-CM
O704	Anal sphincter tear complicating delivery, not associated with third degree laceration	Diagnosis	ICD-10-CM
O709	Perineal laceration during delivery, unspecified	Diagnosis	ICD-10-CM
O740	Aspiration pneumonitis due to anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O741	Other pulmonary complications of anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O742	Cardiac complications of anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O743	Central nervous system complications of anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O744	Toxic reaction to local anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O745	Spinal and epidural anesthesia-induced headache during labor and delivery	Diagnosis	ICD-10-CM
O746	Other complications of spinal and epidural anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O747	Failed or difficult intubation for anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O748	Other complications of anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O749	Complication of anesthesia during labor and delivery, unspecified	Diagnosis	ICD-10-CM
O750	Maternal distress during labor and delivery	Diagnosis	ICD-10-CM
O751	Shock during or following labor and delivery	Diagnosis	ICD-10-CM
O755	Delayed delivery after artificial rupture of membranes	Diagnosis	ICD-10-CM
O7581	Maternal exhaustion complicating labor and delivery	Diagnosis	ICD-10-CM
O7582	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section	Diagnosis	ICD-10-CM
O7589	Other specified complications of labor and delivery	Diagnosis	ICD-10-CM
O759	Complication of labor and delivery, unspecified	Diagnosis	ICD-10-CM
O76	Abnormality in fetal heart rate and rhythm complicating labor and delivery	Diagnosis	ICD-10-CM
O770	Labor and delivery complicated by meconium in amniotic fluid	Diagnosis	ICD-10-CM
O778	Labor and delivery complicated by other evidence of fetal stress	Diagnosis	ICD-10-CM
O779	Labor and delivery complicated by fetal stress, unspecified	Diagnosis	ICD-10-CM
O80	Encounter for full-term uncomplicated delivery	Diagnosis	ICD-10-CM
O82	Encounter for cesarean delivery without indication	Diagnosis	ICD-10-CM
O8802	Air embolism in childbirth	Diagnosis	ICD-10-CM
O8812	Amniotic fluid embolism in childbirth	Diagnosis	ICD-10-CM
O8822	Thromboembolism in childbirth	Diagnosis	ICD-10-CM
O8832	Pyemic and septic embolism in childbirth	Diagnosis	ICD-10-CM
O8882	Other embolism in childbirth	Diagnosis	ICD-10-CM
O9802	Tuberculosis complicating childbirth	Diagnosis	ICD-10-CM
O9812	Syphilis complicating childbirth	Diagnosis	ICD-10-CM
O9822	Gonorrhea complicating childbirth	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O9832	Other infections with a predominantly sexual mode of transmission complicating childbirth	Diagnosis	ICD-10-CM
O9842	Viral hepatitis complicating childbirth	Diagnosis	ICD-10-CM
O9852	Other viral diseases complicating childbirth	Diagnosis	ICD-10-CM
O9862	Protozoal diseases complicating childbirth	Diagnosis	ICD-10-CM
O9872	Human immunodeficiency virus [HIV] disease complicating childbirth	Diagnosis	ICD-10-CM
O9882	Other maternal infectious and parasitic diseases complicating childbirth	Diagnosis	ICD-10-CM
O9892	Unspecified maternal infectious and parasitic disease complicating childbirth	Diagnosis	ICD-10-CM
O9902	Anemia complicating childbirth	Diagnosis	ICD-10-CM
O9912	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating childbirth	Diagnosis	ICD-10-CM
O99214	Obesity complicating childbirth	Diagnosis	ICD-10-CM
O99284	Endocrine, nutritional and metabolic diseases complicating childbirth	Diagnosis	ICD-10-CM
O99314	Alcohol use complicating childbirth	Diagnosis	ICD-10-CM
O99324	Drug use complicating childbirth	Diagnosis	ICD-10-CM
O99334	Smoking (tobacco) complicating childbirth	Diagnosis	ICD-10-CM
O99344	Other mental disorders complicating childbirth	Diagnosis	ICD-10-CM
O99354	Diseases of the nervous system complicating childbirth	Diagnosis	ICD-10-CM
O9942	Diseases of the circulatory system complicating childbirth	Diagnosis	ICD-10-CM
O9952	Diseases of the respiratory system complicating childbirth	Diagnosis	ICD-10-CM
O9962	Diseases of the digestive system complicating childbirth	Diagnosis	ICD-10-CM
O9972	Diseases of the skin and subcutaneous tissue complicating childbirth	Diagnosis	ICD-10-CM
O99814	Abnormal glucose complicating childbirth	Diagnosis	ICD-10-CM
O99824	Streptococcus B carrier state complicating childbirth	Diagnosis	ICD-10-CM
O99834	Other infection carrier state complicating childbirth	Diagnosis	ICD-10-CM
O99844	Bariatric surgery status complicating childbirth	Diagnosis	ICD-10-CM
O9A12	Malignant neoplasm complicating childbirth	Diagnosis	ICD-10-CM
O9A22	Injury, poisoning and certain other consequences of external causes complicating childbirth	Diagnosis	ICD-10-CM
O9A32	Physical abuse complicating childbirth	Diagnosis	ICD-10-CM
O9A42	Sexual abuse complicating childbirth	Diagnosis	ICD-10-CM
O9A52	Psychological abuse complicating childbirth	Diagnosis	ICD-10-CM
P030	Newborn affected by breech delivery and extraction	Diagnosis	ICD-10-CM
P032	Newborn affected by forceps delivery	Diagnosis	ICD-10-CM
P033	Newborn affected by delivery by vacuum extractor [ventouse]	Diagnosis	ICD-10-CM
P034	Newborn affected by Cesarean delivery	Diagnosis	ICD-10-CM
P035	Newborn affected by precipitate delivery	Diagnosis	ICD-10-CM
P0700	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM
P0701	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM
P0702	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM
P0703	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM
P0710	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM
P0714	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
P0715	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM
P0716	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM
P0717	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM
P0718	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM
P0720	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM
P0721	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM
P0722	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM
P0723	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM
P0724	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM
P0725	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM
P0726	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM
P0730	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM
P0731	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM
P0732	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM
P0733	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM
P0734	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM
P0735	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM
P0736	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM
P0737	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM
P0738	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM
P0739	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM
P0821	Post-term newborn	Diagnosis	ICD-10-CM
P0822	Prolonged gestation of newborn	Diagnosis	ICD-10-CM
P95	Stillbirth	Diagnosis	ICD-10-CM
S0190	Mifepristone, oral, 200 mg	Procedure	HCPCS
S0191	Misoprostol, oral, 200 mcg	Procedure	HCPCS
S0199	Medically induced abortion by oral ingestion of medication including all associated services and supplies (e.g., patient counseling, office visits, confirmation of pregnancy by HCG, ultrasound to confirm duration of pregnancy, ultrasound to confirm completion of abortion) except drugs	Procedure	HCPCS
S2260	Induced abortion, 17 to 24 weeks	Procedure	HCPCS
S2262	Abortion for maternal indication, 25 weeks or greater	Procedure	HCPCS
S2265	Induced abortion, 25 to 28 weeks	Procedure	HCPCS
S2266	Induced abortion, 29 to 31 weeks	Procedure	HCPCS
S2267	Induced abortion, 32 weeks or greater	Procedure	HCPCS
Z332	Encounter for elective termination of pregnancy	Diagnosis	ICD-10-CM
Z370	Single live birth	Diagnosis	ICD-10-CM
Z371	Single stillbirth	Diagnosis	ICD-10-CM
Z372	Twins, both liveborn	Diagnosis	ICD-10-CM
Z373	Twins, one liveborn and one stillborn	Diagnosis	ICD-10-CM
Z374	Twins, both stillborn	Diagnosis	ICD-10-CM
Z3750	Multiple births, unspecified, all liveborn	Diagnosis	ICD-10-CM
Z3751	Triplets, all liveborn	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Z3752	Quadruplets, all liveborn	Diagnosis	ICD-10-CM
Z3753	Quintuplets, all liveborn	Diagnosis	ICD-10-CM
Z3754	Sextuplets, all liveborn	Diagnosis	ICD-10-CM
Z3759	Other multiple births, all liveborn	Diagnosis	ICD-10-CM
Z3760	Multiple births, unspecified, some liveborn	Diagnosis	ICD-10-CM
Z3761	Triplets, some liveborn	Diagnosis	ICD-10-CM
Z3762	Quadruplets, some liveborn	Diagnosis	ICD-10-CM
Z3763	Quintuplets, some liveborn	Diagnosis	ICD-10-CM
Z3764	Sextuplets, some liveborn	Diagnosis	ICD-10-CM
Z3769	Other multiple births, some liveborn	Diagnosis	ICD-10-CM
Z377	Other multiple births, all stillborn	Diagnosis	ICD-10-CM
Z379	Outcome of delivery, unspecified	Diagnosis	ICD-10-CM
Z3800	Single liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3801	Single liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z381	Single liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z382	Single liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Z3830	Twin liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3831	Twin liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z384	Twin liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z385	Twin liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Z3861	Triplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3862	Triplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3863	Quadruplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3864	Quadruplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3865	Quintuplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3866	Quintuplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3868	Other multiple liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3869	Other multiple liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z387	Other multiple liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z388	Other multiple liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM

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

Generic Name	Brand Name
Linaclotide	
linaclotide	Linzess
Lubiprostone	
lubiprostone	Amitiza
lubiprostone	lubiprostone
Plecanatide	
plecanatide	Trulance
Prucalopride	
prucalopride	prucalopride
prucalopride succinate	Motegrity
prucalopride succinate	prucalopride
Tegaserod	
tegaserod hydrogen maleate	Zelnorm

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
Abdominal imaging			
72195	Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s)	Procedure	CPT-4
72196	Magnetic resonance (eg, proton) imaging, pelvis; with contrast material(s)	Procedure	CPT-4
72197	Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s), followed by contrast material(s) and further sequences	Procedure	CPT-4
74018	Radiologic examination, abdomen; 1 view	Procedure	CPT-4
74019	Radiologic examination, abdomen; 2 views	Procedure	CPT-4
74021	Radiologic examination, abdomen; 3 or more views	Procedure	CPT-4
74022	Radiologic examination, complete acute abdomen series, including 2 or more views of the abdomen (eg, supine, erect, decubitus), and a single view chest	Procedure	CPT-4
74150	Computed tomography, abdomen; without contrast material	Procedure	CPT-4
74160	Computed tomography, abdomen; with contrast material(s)	Procedure	CPT-4
74170	Computed tomography, abdomen; without contrast material, followed by contrast material(s) and further sections	Procedure	CPT-4
74176	Computed tomography, abdomen and pelvis; without contrast material	Procedure	CPT-4
74177	Computed tomography, abdomen and pelvis; with contrast material(s)	Procedure	CPT-4
74178	Computed tomography, abdomen and pelvis; without contrast material in one or both body regions, followed by contrast material(s) and further sections in one or both body regions	Procedure	CPT-4
74181	Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s)	Procedure	CPT-4
74182	Magnetic resonance (eg, proton) imaging, abdomen; with contrast material(s)	Procedure	CPT-4
74183	Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s), followed by with contrast material(s) and further sequences	Procedure	CPT-4
76700	Ultrasound, abdominal, real time with image documentation; complete	Procedure	CPT-4
76705	Ultrasound, abdominal, real time with image documentation; limited (eg, single organ, quadrant, follow-up)	Procedure	CPT-4
76770	Ultrasound, retroperitoneal (eg, renal, aorta, nodes), real time with image documentation; complete	Procedure	CPT-4
76775	Ultrasound, retroperitoneal (eg, renal, aorta, nodes), real time with image documentation; limited	Procedure	CPT-4
93975	Duplex scan of arterial inflow and venous outflow of abdominal, pelvic, scrotal contents and/or retroperitoneal organs; complete study	Procedure	CPT-4

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
93976	Duplex scan of arterial inflow and venous outflow of abdominal, pelvic, scrotal contents and/or retroperitoneal organs; limited study	Procedure	CPT-4
B700	Plain Radiography / Abdominal/Retroperitoneal Lymphatics, Unilateral	Procedure	ICD-10-PCS
B7000ZZ	Plain Radiography of Unilateral Abdominal/Retroperitoneal Lymphatics using High Osmolar Contrast	Procedure	ICD-10-PCS
B7001ZZ	Plain Radiography of Unilateral Abdominal/Retroperitoneal Lymphatics using Low Osmolar Contrast	Procedure	ICD-10-PCS
B700YZZ	Plain Radiography of Unilateral Abdominal/Retroperitoneal Lymphatics using Other Contrast	Procedure	ICD-10-PCS
B701	Plain Radiography / Abdominal/Retroperitoneal Lymphatics, Bilateral	Procedure	ICD-10-PCS
B7010ZZ	Plain Radiography of Bilateral Abdominal/Retroperitoneal Lymphatics using High Osmolar Contrast	Procedure	ICD-10-PCS
B7011ZZ	Plain Radiography of Bilateral Abdominal/Retroperitoneal Lymphatics using Low Osmolar Contrast	Procedure	ICD-10-PCS
B701YZZ	Plain Radiography of Bilateral Abdominal/Retroperitoneal Lymphatics using Other Contrast	Procedure	ICD-10-PCS
Abdominal surgeries			
0016075	Bypass Cerebral Ventricle to Intestine with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0016076	Bypass Cerebral Ventricle to Peritoneal Cavity with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
00160J5	Bypass Cerebral Ventricle to Intestine with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
00160J6	Bypass Cerebral Ventricle to Peritoneal Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
00160K5	Bypass Cerebral Ventricle to Intestine with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
00160K6	Bypass Cerebral Ventricle to Peritoneal Cavity with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0016375	Bypass Cerebral Ventricle to Intestine with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0016376	Bypass Cerebral Ventricle to Peritoneal Cavity with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
00163J5	Bypass Cerebral Ventricle to Intestine with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
00163J6	Bypass Cerebral Ventricle to Peritoneal Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
00163K5	Bypass Cerebral Ventricle to Intestine with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
00163K6	Bypass Cerebral Ventricle to Peritoneal Cavity with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0016475	Bypass Cerebral Ventricle to Intestine with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0016476	Bypass Cerebral Ventricle to Peritoneal Cavity with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00164J5	Bypass Cerebral Ventricle to Intestine with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00164J6	Bypass Cerebral Ventricle to Peritoneal Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00164K5	Bypass Cerebral Ventricle to Intestine with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00164K6	Bypass Cerebral Ventricle to Peritoneal Cavity with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
001U076	Bypass Spinal Canal to Peritoneal Cavity with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
001U0J6	Bypass Spinal Canal to Peritoneal Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
001U0K6	Bypass Spinal Canal to Peritoneal Cavity with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
001U376	Bypass Spinal Canal to Peritoneal Cavity with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
001U3J6	Bypass Spinal Canal to Peritoneal Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
001U3K6	Bypass Spinal Canal to Peritoneal Cavity with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
001U476	Bypass Spinal Canal to Peritoneal Cavity with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
001U4J6	Bypass Spinal Canal to Peritoneal Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
001U4K6	Bypass Spinal Canal to Peritoneal Cavity with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
015M0ZZ	Destruction of Abdominal Sympathetic Nerve, Open Approach	Procedure	ICD-10-PCS
015M3ZZ	Destruction of Abdominal Sympathetic Nerve, Percutaneous Approach	Procedure	ICD-10-PCS
015M4ZZ	Destruction of Abdominal Sympathetic Nerve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
018M0ZZ	Division of Abdominal Sympathetic Nerve, Open Approach	Procedure	ICD-10-PCS
018M3ZZ	Division of Abdominal Sympathetic Nerve, Percutaneous Approach	Procedure	ICD-10-PCS
018M4ZZ	Division of Abdominal Sympathetic Nerve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
019M00Z	Drainage of Abdominal Sympathetic Nerve with Drainage Device, Open Approach	Procedure	ICD-10-PCS
019M0ZZ	Drainage of Abdominal Sympathetic Nerve, Open Approach	Procedure	ICD-10-PCS
019M40Z	Drainage of Abdominal Sympathetic Nerve with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
019M4ZZ	Drainage of Abdominal Sympathetic Nerve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
01BM0ZZ	Excision of Abdominal Sympathetic Nerve, Open Approach	Procedure	ICD-10-PCS
01BM3ZZ	Excision of Abdominal Sympathetic Nerve, Percutaneous Approach	Procedure	ICD-10-PCS
01BM4ZZ	Excision of Abdominal Sympathetic Nerve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
01CM0ZZ	Extirpation of Matter from Abdominal Sympathetic Nerve, Open Approach	Procedure	ICD-10-PCS
01CM3ZZ	Extirpation of Matter from Abdominal Sympathetic Nerve, Percutaneous Approach	Procedure	ICD-10-PCS
01CM4ZZ	Extirpation of Matter from Abdominal Sympathetic Nerve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
01DM0ZZ	Extraction of Abdominal Sympathetic Nerve, Open Approach	Procedure	ICD-10-PCS
01DM3ZZ	Extraction of Abdominal Sympathetic Nerve, Percutaneous Approach	Procedure	ICD-10-PCS
01DM4ZZ	Extraction of Abdominal Sympathetic Nerve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
01NM0ZZ	Release Abdominal Sympathetic Nerve, Open Approach	Procedure	ICD-10-PCS
01NM3ZZ	Release Abdominal Sympathetic Nerve, Percutaneous Approach	Procedure	ICD-10-PCS
01NM4ZZ	Release Abdominal Sympathetic Nerve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
01QM0ZZ	Repair Abdominal Sympathetic Nerve, Open Approach	Procedure	ICD-10-PCS
01QM3ZZ	Repair Abdominal Sympathetic Nerve, Percutaneous Approach	Procedure	ICD-10-PCS
01QM4ZZ	Repair Abdominal Sympathetic Nerve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021008F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021009F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02100AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021048F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021049F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
02104JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021108F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021109F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02110AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021148F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021208F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021209F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02120AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
021248F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021308F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021309F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02130AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130KF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021348F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021349F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134KF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K0ZF	Bypass Right Ventricle to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
021K4ZF	Bypass Right Ventricle to Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L0ZF	Bypass Left Ventricle to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021L4ZF	Bypass Left Ventricle to Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021W08F	Bypass Thoracic Aorta, Descending to Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021W09F	Bypass Thoracic Aorta, Descending to Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021W0AF	Bypass Thoracic Aorta, Descending to Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
021W0JF	Bypass Thoracic Aorta, Descending to Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021W0KF	Bypass Thoracic Aorta, Descending to Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02700E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02703E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02704E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02710E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02713E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02714E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02720E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02723E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02724E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02730E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02733E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02734E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
031509T	Bypass Right Axillary Artery to Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
03150AT	Bypass Right Axillary Artery to Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
03150JT	Bypass Right Axillary Artery to Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03150KT	Bypass Right Axillary Artery to Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03150ZT	Bypass Right Axillary Artery to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
031609T	Bypass Left Axillary Artery to Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
03160AT	Bypass Left Axillary Artery to Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03160JT	Bypass Left Axillary Artery to Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03160KT	Bypass Left Axillary Artery to Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03160ZT	Bypass Left Axillary Artery to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
03700E6	Dilation of Right Internal Mammary Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
03703E6	Dilation of Right Internal Mammary Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
03704E6	Dilation of Right Internal Mammary Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
03710E6	Dilation of Left Internal Mammary Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
03713E6	Dilation of Left Internal Mammary Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
03714E6	Dilation of Left Internal Mammary Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
03720E6	Dilation of Innominate Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
03723E6	Dilation of Innominate Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
03724E6	Dilation of Innominate Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
03730E6	Dilation of Right Subclavian Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
03733E6	Dilation of Right Subclavian Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
03734E6	Dilation of Right Subclavian Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
03740E6	Dilation of Left Subclavian Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
03743E6	Dilation of Left Subclavian Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
03744E6	Dilation of Left Subclavian Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
03750E6	Dilation of Right Axillary Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
03753E6	Dilation of Right Axillary Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
03754E6	Dilation of Right Axillary Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
03760E6	Dilation of Left Axillary Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
03763E6	Dilation of Left Axillary Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
03764E6	Dilation of Left Axillary Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
03770E6	Dilation of Right Brachial Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
03773E6	Dilation of Right Brachial Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
03774E6	Dilation of Right Brachial Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
03780E6	Dilation of Left Brachial Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
03783E6	Dilation of Left Brachial Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
03784E6	Dilation of Left Brachial Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
03790E6	Dilation of Right Ulnar Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
03793E6	Dilation of Right Ulnar Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
03794E6	Dilation of Right Ulnar Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0410090	Bypass Abdominal Aorta to Abdominal Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0410091	Bypass Abdominal Aorta to Celiac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0410092	Bypass Abdominal Aorta to Mesenteric Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0410093	Bypass Abdominal Aorta to Right Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0410094	Bypass Abdominal Aorta to Left Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0410095	Bypass Abdominal Aorta to Bilateral Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0410096	Bypass Abdominal Aorta to Right Common Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0410097	Bypass Abdominal Aorta to Left Common Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0410098	Bypass Abdominal Aorta to Bilateral Common Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0410099	Bypass Abdominal Aorta to Right Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041009B	Bypass Abdominal Aorta to Left Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041009C	Bypass Abdominal Aorta to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041009D	Bypass Abdominal Aorta to Right External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041009F	Bypass Abdominal Aorta to Left External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041009G	Bypass Abdominal Aorta to Bilateral External Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041009H	Bypass Abdominal Aorta to Right Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041009J	Bypass Abdominal Aorta to Left Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041009K	Bypass Abdominal Aorta to Bilateral Femoral Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041009Q	Bypass Abdominal Aorta to Lower Extremity Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041009R	Bypass Abdominal Aorta to Lower Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
04100A0	Bypass Abdominal Aorta to Abdominal Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100A1	Bypass Abdominal Aorta to Celiac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100A2	Bypass Abdominal Aorta to Mesenteric Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100A3	Bypass Abdominal Aorta to Right Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100A4	Bypass Abdominal Aorta to Left Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100A5	Bypass Abdominal Aorta to Bilateral Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100A6	Bypass Abdominal Aorta to Right Common Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100A7	Bypass Abdominal Aorta to Left Common Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100A8	Bypass Abdominal Aorta to Bilateral Common Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04100A9	Bypass Abdominal Aorta to Right Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100AB	Bypass Abdominal Aorta to Left Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100AC	Bypass Abdominal Aorta to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100AD	Bypass Abdominal Aorta to Right External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100AF	Bypass Abdominal Aorta to Left External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100AG	Bypass Abdominal Aorta to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100AH	Bypass Abdominal Aorta to Right Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100AJ	Bypass Abdominal Aorta to Left Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100AK	Bypass Abdominal Aorta to Bilateral Femoral Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100AQ	Bypass Abdominal Aorta to Lower Extremity Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100AR	Bypass Abdominal Aorta to Lower Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04100J0	Bypass Abdominal Aorta to Abdominal Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100J1	Bypass Abdominal Aorta to Celiac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100J2	Bypass Abdominal Aorta to Mesenteric Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100J3	Bypass Abdominal Aorta to Right Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100J4	Bypass Abdominal Aorta to Left Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100J5	Bypass Abdominal Aorta to Bilateral Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100J6	Bypass Abdominal Aorta to Right Common Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100J7	Bypass Abdominal Aorta to Left Common Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100J8	Bypass Abdominal Aorta to Bilateral Common Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100J9	Bypass Abdominal Aorta to Right Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100JB	Bypass Abdominal Aorta to Left Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04100JC	Bypass Abdominal Aorta to Bilateral Internal Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100JD	Bypass Abdominal Aorta to Right External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100JF	Bypass Abdominal Aorta to Left External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100JG	Bypass Abdominal Aorta to Bilateral External Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100JH	Bypass Abdominal Aorta to Right Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100JJ	Bypass Abdominal Aorta to Left Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100JK	Bypass Abdominal Aorta to Bilateral Femoral Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100JQ	Bypass Abdominal Aorta to Lower Extremity Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100JR	Bypass Abdominal Aorta to Lower Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04100K0	Bypass Abdominal Aorta to Abdominal Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100K1	Bypass Abdominal Aorta to Celiac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100K2	Bypass Abdominal Aorta to Mesenteric Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100K3	Bypass Abdominal Aorta to Right Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100K4	Bypass Abdominal Aorta to Left Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100K5	Bypass Abdominal Aorta to Bilateral Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100K6	Bypass Abdominal Aorta to Right Common Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100K7	Bypass Abdominal Aorta to Left Common Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100K8	Bypass Abdominal Aorta to Bilateral Common Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100K9	Bypass Abdominal Aorta to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100KB	Bypass Abdominal Aorta to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100KC	Bypass Abdominal Aorta to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100KD	Bypass Abdominal Aorta to Right External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04100KF	Bypass Abdominal Aorta to Left External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100KG	Bypass Abdominal Aorta to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100KH	Bypass Abdominal Aorta to Right Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100KJ	Bypass Abdominal Aorta to Left Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100KK	Bypass Abdominal Aorta to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100KQ	Bypass Abdominal Aorta to Lower Extremity Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100KR	Bypass Abdominal Aorta to Lower Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04100Z0	Bypass Abdominal Aorta to Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
04100Z1	Bypass Abdominal Aorta to Celiac Artery, Open Approach	Procedure	ICD-10-PCS
04100Z2	Bypass Abdominal Aorta to Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04100Z3	Bypass Abdominal Aorta to Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04100Z4	Bypass Abdominal Aorta to Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04100Z5	Bypass Abdominal Aorta to Bilateral Renal Artery, Open Approach	Procedure	ICD-10-PCS
04100Z6	Bypass Abdominal Aorta to Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04100Z7	Bypass Abdominal Aorta to Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04100Z8	Bypass Abdominal Aorta to Bilateral Common Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
04100Z9	Bypass Abdominal Aorta to Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04100ZB	Bypass Abdominal Aorta to Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04100ZC	Bypass Abdominal Aorta to Bilateral Internal Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
04100ZD	Bypass Abdominal Aorta to Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04100ZF	Bypass Abdominal Aorta to Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04100ZG	Bypass Abdominal Aorta to Bilateral External Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
04100ZH	Bypass Abdominal Aorta to Right Femoral Artery, Open Approach	Procedure	ICD-10-PCS
04100ZJ	Bypass Abdominal Aorta to Left Femoral Artery, Open Approach	Procedure	ICD-10-PCS
04100ZK	Bypass Abdominal Aorta to Bilateral Femoral Arteries, Open Approach	Procedure	ICD-10-PCS
04100ZQ	Bypass Abdominal Aorta to Lower Extremity Artery, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04100ZR	Bypass Abdominal Aorta to Lower Artery, Open Approach	Procedure	ICD-10-PCS
0410490	Bypass Abdominal Aorta to Abdominal Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0410491	Bypass Abdominal Aorta to Celiac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0410492	Bypass Abdominal Aorta to Mesenteric Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0410493	Bypass Abdominal Aorta to Right Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0410494	Bypass Abdominal Aorta to Left Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0410495	Bypass Abdominal Aorta to Bilateral Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0410496	Bypass Abdominal Aorta to Right Common Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0410497	Bypass Abdominal Aorta to Left Common Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0410498	Bypass Abdominal Aorta to Bilateral Common Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0410499	Bypass Abdominal Aorta to Right Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041049B	Bypass Abdominal Aorta to Left Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041049C	Bypass Abdominal Aorta to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041049D	Bypass Abdominal Aorta to Right External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041049F	Bypass Abdominal Aorta to Left External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041049G	Bypass Abdominal Aorta to Bilateral External Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041049H	Bypass Abdominal Aorta to Right Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041049J	Bypass Abdominal Aorta to Left Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041049K	Bypass Abdominal Aorta to Bilateral Femoral Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041049Q	Bypass Abdominal Aorta to Lower Extremity Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041049R	Bypass Abdominal Aorta to Lower Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104A0	Bypass Abdominal Aorta to Abdominal Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04104A1	Bypass Abdominal Aorta to Celiac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104A2	Bypass Abdominal Aorta to Mesenteric Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104A3	Bypass Abdominal Aorta to Right Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104A4	Bypass Abdominal Aorta to Left Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104A5	Bypass Abdominal Aorta to Bilateral Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104A6	Bypass Abdominal Aorta to Right Common Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104A7	Bypass Abdominal Aorta to Left Common Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104A8	Bypass Abdominal Aorta to Bilateral Common Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104A9	Bypass Abdominal Aorta to Right Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104AB	Bypass Abdominal Aorta to Left Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104AC	Bypass Abdominal Aorta to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104AD	Bypass Abdominal Aorta to Right External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104AF	Bypass Abdominal Aorta to Left External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104AG	Bypass Abdominal Aorta to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104AH	Bypass Abdominal Aorta to Right Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104AJ	Bypass Abdominal Aorta to Left Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104AK	Bypass Abdominal Aorta to Bilateral Femoral Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104AQ	Bypass Abdominal Aorta to Lower Extremity Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104AR	Bypass Abdominal Aorta to Lower Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104J0	Bypass Abdominal Aorta to Abdominal Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104J1	Bypass Abdominal Aorta to Celiac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104J2	Bypass Abdominal Aorta to Mesenteric Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04104J3	Bypass Abdominal Aorta to Right Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104J4	Bypass Abdominal Aorta to Left Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104J5	Bypass Abdominal Aorta to Bilateral Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104J6	Bypass Abdominal Aorta to Right Common Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104J7	Bypass Abdominal Aorta to Left Common Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104J8	Bypass Abdominal Aorta to Bilateral Common Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104J9	Bypass Abdominal Aorta to Right Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104JB	Bypass Abdominal Aorta to Left Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104JC	Bypass Abdominal Aorta to Bilateral Internal Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104JD	Bypass Abdominal Aorta to Right External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104JF	Bypass Abdominal Aorta to Left External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104JG	Bypass Abdominal Aorta to Bilateral External Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104JH	Bypass Abdominal Aorta to Right Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104JJ	Bypass Abdominal Aorta to Left Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104JK	Bypass Abdominal Aorta to Bilateral Femoral Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104JQ	Bypass Abdominal Aorta to Lower Extremity Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104JR	Bypass Abdominal Aorta to Lower Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104K0	Bypass Abdominal Aorta to Abdominal Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104K1	Bypass Abdominal Aorta to Celiac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104K2	Bypass Abdominal Aorta to Mesenteric Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104K3	Bypass Abdominal Aorta to Right Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04104K4	Bypass Abdominal Aorta to Left Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104K5	Bypass Abdominal Aorta to Bilateral Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104K6	Bypass Abdominal Aorta to Right Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104K7	Bypass Abdominal Aorta to Left Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104K8	Bypass Abdominal Aorta to Bilateral Common Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104K9	Bypass Abdominal Aorta to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104KB	Bypass Abdominal Aorta to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104KC	Bypass Abdominal Aorta to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104KD	Bypass Abdominal Aorta to Right External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104KF	Bypass Abdominal Aorta to Left External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104KG	Bypass Abdominal Aorta to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104KH	Bypass Abdominal Aorta to Right Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104KJ	Bypass Abdominal Aorta to Left Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104KK	Bypass Abdominal Aorta to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104KQ	Bypass Abdominal Aorta to Lower Extremity Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04104KR	Bypass Abdominal Aorta to Lower Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104Z0	Bypass Abdominal Aorta to Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104Z1	Bypass Abdominal Aorta to Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104Z2	Bypass Abdominal Aorta to Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104Z3	Bypass Abdominal Aorta to Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104Z4	Bypass Abdominal Aorta to Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104Z5	Bypass Abdominal Aorta to Bilateral Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104Z6	Bypass Abdominal Aorta to Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104Z7	Bypass Abdominal Aorta to Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104Z8	Bypass Abdominal Aorta to Bilateral Common Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104Z9	Bypass Abdominal Aorta to Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104ZB	Bypass Abdominal Aorta to Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104ZC	Bypass Abdominal Aorta to Bilateral Internal Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104ZD	Bypass Abdominal Aorta to Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104ZF	Bypass Abdominal Aorta to Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104ZG	Bypass Abdominal Aorta to Bilateral External Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104ZH	Bypass Abdominal Aorta to Right Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104ZJ	Bypass Abdominal Aorta to Left Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104ZK	Bypass Abdominal Aorta to Bilateral Femoral Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104ZQ	Bypass Abdominal Aorta to Lower Extremity Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04104ZR	Bypass Abdominal Aorta to Lower Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0413093	Bypass Hepatic Artery to Right Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0413094	Bypass Hepatic Artery to Left Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0413095	Bypass Hepatic Artery to Bilateral Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041309R	Bypass Hepatic Artery to Lower Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
04130A3	Bypass Hepatic Artery to Right Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04130A4	Bypass Hepatic Artery to Left Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04130A5	Bypass Hepatic Artery to Bilateral Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04130AR	Bypass Hepatic Artery to Lower Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04130J3	Bypass Hepatic Artery to Right Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04130J4	Bypass Hepatic Artery to Left Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04130J5	Bypass Hepatic Artery to Bilateral Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04130JR	Bypass Hepatic Artery to Lower Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04130K3	Bypass Hepatic Artery to Right Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04130K4	Bypass Hepatic Artery to Left Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04130K5	Bypass Hepatic Artery to Bilateral Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04130KR	Bypass Hepatic Artery to Lower Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04130Z3	Bypass Hepatic Artery to Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04130Z4	Bypass Hepatic Artery to Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04130Z5	Bypass Hepatic Artery to Bilateral Renal Artery, Open Approach	Procedure	ICD-10-PCS
04130ZR	Bypass Hepatic Artery to Lower Artery, Open Approach	Procedure	ICD-10-PCS
0413493	Bypass Hepatic Artery to Right Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0413494	Bypass Hepatic Artery to Left Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0413495	Bypass Hepatic Artery to Bilateral Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041349R	Bypass Hepatic Artery to Lower Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134A3	Bypass Hepatic Artery to Right Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04134A4	Bypass Hepatic Artery to Left Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134A5	Bypass Hepatic Artery to Bilateral Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134AR	Bypass Hepatic Artery to Lower Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134J3	Bypass Hepatic Artery to Right Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134J4	Bypass Hepatic Artery to Left Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134J5	Bypass Hepatic Artery to Bilateral Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134JR	Bypass Hepatic Artery to Lower Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134K3	Bypass Hepatic Artery to Right Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134K4	Bypass Hepatic Artery to Left Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134K5	Bypass Hepatic Artery to Bilateral Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134KR	Bypass Hepatic Artery to Lower Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134Z3	Bypass Hepatic Artery to Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134Z4	Bypass Hepatic Artery to Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134Z5	Bypass Hepatic Artery to Bilateral Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04134ZR	Bypass Hepatic Artery to Lower Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0414093	Bypass Splenic Artery to Right Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0414094	Bypass Splenic Artery to Left Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0414095	Bypass Splenic Artery to Bilateral Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041409R	Bypass Splenic Artery to Lower Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
04140A3	Bypass Splenic Artery to Right Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04140A4	Bypass Splenic Artery to Left Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04140A5	Bypass Splenic Artery to Bilateral Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04140AR	Bypass Splenic Artery to Lower Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
04140J3	Bypass Splenic Artery to Right Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04140J4	Bypass Splenic Artery to Left Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04140J5	Bypass Splenic Artery to Bilateral Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04140JR	Bypass Splenic Artery to Lower Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04140K3	Bypass Splenic Artery to Right Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04140K4	Bypass Splenic Artery to Left Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04140K5	Bypass Splenic Artery to Bilateral Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04140KR	Bypass Splenic Artery to Lower Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04140Z3	Bypass Splenic Artery to Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04140Z4	Bypass Splenic Artery to Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04140Z5	Bypass Splenic Artery to Bilateral Renal Artery, Open Approach	Procedure	ICD-10-PCS
04140ZR	Bypass Splenic Artery to Lower Artery, Open Approach	Procedure	ICD-10-PCS
0414493	Bypass Splenic Artery to Right Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0414494	Bypass Splenic Artery to Left Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0414495	Bypass Splenic Artery to Bilateral Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041449R	Bypass Splenic Artery to Lower Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144A3	Bypass Splenic Artery to Right Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144A4	Bypass Splenic Artery to Left Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144A5	Bypass Splenic Artery to Bilateral Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144AR	Bypass Splenic Artery to Lower Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144J3	Bypass Splenic Artery to Right Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144J4	Bypass Splenic Artery to Left Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04144J5	Bypass Splenic Artery to Bilateral Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144JR	Bypass Splenic Artery to Lower Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144K3	Bypass Splenic Artery to Right Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144K4	Bypass Splenic Artery to Left Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144K5	Bypass Splenic Artery to Bilateral Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144KR	Bypass Splenic Artery to Lower Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144Z3	Bypass Splenic Artery to Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144Z4	Bypass Splenic Artery to Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144Z5	Bypass Splenic Artery to Bilateral Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04144ZR	Bypass Splenic Artery to Lower Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C090	Bypass Right Common Iliac Artery to Abdominal Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C091	Bypass Right Common Iliac Artery to Celiac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C092	Bypass Right Common Iliac Artery to Mesenteric Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C093	Bypass Right Common Iliac Artery to Right Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C094	Bypass Right Common Iliac Artery to Left Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C095	Bypass Right Common Iliac Artery to Bilateral Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C096	Bypass Right Common Iliac Artery to Right Common Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C097	Bypass Right Common Iliac Artery to Left Common Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C098	Bypass Right Common Iliac Artery to Bilateral Common Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C099	Bypass Right Common Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C09B	Bypass Right Common Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041C09C	Bypass Right Common Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C09D	Bypass Right Common Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C09F	Bypass Right Common Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C09G	Bypass Right Common Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C09H	Bypass Right Common Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C09J	Bypass Right Common Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C09K	Bypass Right Common Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C09Q	Bypass Right Common Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C09R	Bypass Right Common Iliac Artery to Lower Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041C0A0	Bypass Right Common Iliac Artery to Abdominal Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0A1	Bypass Right Common Iliac Artery to Celiac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0A2	Bypass Right Common Iliac Artery to Mesenteric Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0A3	Bypass Right Common Iliac Artery to Right Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0A4	Bypass Right Common Iliac Artery to Left Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0A5	Bypass Right Common Iliac Artery to Bilateral Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0A6	Bypass Right Common Iliac Artery to Right Common Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0A7	Bypass Right Common Iliac Artery to Left Common Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0A8	Bypass Right Common Iliac Artery to Bilateral Common Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0A9	Bypass Right Common Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0AB	Bypass Right Common Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0AC	Bypass Right Common Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0AD	Bypass Right Common Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041C0AF	Bypass Right Common Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0AG	Bypass Right Common Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0AH	Bypass Right Common Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0AJ	Bypass Right Common Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0AK	Bypass Right Common Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0AQ	Bypass Right Common Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0AR	Bypass Right Common Iliac Artery to Lower Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041C0J0	Bypass Right Common Iliac Artery to Abdominal Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0J1	Bypass Right Common Iliac Artery to Celiac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0J2	Bypass Right Common Iliac Artery to Mesenteric Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0J3	Bypass Right Common Iliac Artery to Right Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0J4	Bypass Right Common Iliac Artery to Left Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0J5	Bypass Right Common Iliac Artery to Bilateral Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0J6	Bypass Right Common Iliac Artery to Right Common Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0J7	Bypass Right Common Iliac Artery to Left Common Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0J8	Bypass Right Common Iliac Artery to Bilateral Common Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0J9	Bypass Right Common Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0JB	Bypass Right Common Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0JC	Bypass Right Common Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0JD	Bypass Right Common Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0JF	Bypass Right Common Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0JG	Bypass Right Common Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041C0JH	Bypass Right Common Iliac Artery to Right Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0JJ	Bypass Right Common Iliac Artery to Left Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0JK	Bypass Right Common Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0JQ	Bypass Right Common Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0JR	Bypass Right Common Iliac Artery to Lower Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041C0K0	Bypass Right Common Iliac Artery to Abdominal Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0K1	Bypass Right Common Iliac Artery to Celiac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0K2	Bypass Right Common Iliac Artery to Mesenteric Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0K3	Bypass Right Common Iliac Artery to Right Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0K4	Bypass Right Common Iliac Artery to Left Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0K5	Bypass Right Common Iliac Artery to Bilateral Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0K6	Bypass Right Common Iliac Artery to Right Common Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0K7	Bypass Right Common Iliac Artery to Left Common Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0K8	Bypass Right Common Iliac Artery to Bilateral Common Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0K9	Bypass Right Common Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0KB	Bypass Right Common Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0KC	Bypass Right Common Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0KD	Bypass Right Common Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0KF	Bypass Right Common Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0KG	Bypass Right Common Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0KH	Bypass Right Common Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0KJ	Bypass Right Common Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041C0KK	Bypass Right Common Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0KQ	Bypass Right Common Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0KR	Bypass Right Common Iliac Artery to Lower Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041C0Z0	Bypass Right Common Iliac Artery to Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
041C0Z1	Bypass Right Common Iliac Artery to Celiac Artery, Open Approach	Procedure	ICD-10-PCS
041C0Z2	Bypass Right Common Iliac Artery to Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
041C0Z3	Bypass Right Common Iliac Artery to Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
041C0Z4	Bypass Right Common Iliac Artery to Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
041C0Z5	Bypass Right Common Iliac Artery to Bilateral Renal Artery, Open Approach	Procedure	ICD-10-PCS
041C0Z6	Bypass Right Common Iliac Artery to Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041C0Z7	Bypass Right Common Iliac Artery to Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041C0Z8	Bypass Right Common Iliac Artery to Bilateral Common Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041C0Z9	Bypass Right Common Iliac Artery to Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041C0ZB	Bypass Right Common Iliac Artery to Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041C0ZC	Bypass Right Common Iliac Artery to Bilateral Internal Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041C0ZD	Bypass Right Common Iliac Artery to Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041C0ZF	Bypass Right Common Iliac Artery to Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041C0ZG	Bypass Right Common Iliac Artery to Bilateral External Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041C0ZH	Bypass Right Common Iliac Artery to Right Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041C0ZJ	Bypass Right Common Iliac Artery to Left Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041C0ZK	Bypass Right Common Iliac Artery to Bilateral Femoral Arteries, Open Approach	Procedure	ICD-10-PCS
041C0ZQ	Bypass Right Common Iliac Artery to Lower Extremity Artery, Open Approach	Procedure	ICD-10-PCS
041C0ZR	Bypass Right Common Iliac Artery to Lower Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041C490	Bypass Right Common Iliac Artery to Abdominal Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C491	Bypass Right Common Iliac Artery to Celiac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C492	Bypass Right Common Iliac Artery to Mesenteric Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C493	Bypass Right Common Iliac Artery to Right Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C494	Bypass Right Common Iliac Artery to Left Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C495	Bypass Right Common Iliac Artery to Bilateral Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C496	Bypass Right Common Iliac Artery to Right Common Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C497	Bypass Right Common Iliac Artery to Left Common Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C498	Bypass Right Common Iliac Artery to Bilateral Common Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C499	Bypass Right Common Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C49B	Bypass Right Common Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C49C	Bypass Right Common Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C49D	Bypass Right Common Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C49F	Bypass Right Common Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C49G	Bypass Right Common Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C49H	Bypass Right Common Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C49J	Bypass Right Common Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C49K	Bypass Right Common Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C49Q	Bypass Right Common Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041C49R	Bypass Right Common Iliac Artery to Lower Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4A0	Bypass Right Common Iliac Artery to Abdominal Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4A1	Bypass Right Common Iliac Artery to Celiac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4A2	Bypass Right Common Iliac Artery to Mesenteric Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4A3	Bypass Right Common Iliac Artery to Right Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4A4	Bypass Right Common Iliac Artery to Left Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4A5	Bypass Right Common Iliac Artery to Bilateral Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4A6	Bypass Right Common Iliac Artery to Right Common Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4A7	Bypass Right Common Iliac Artery to Left Common Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4A8	Bypass Right Common Iliac Artery to Bilateral Common Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4A9	Bypass Right Common Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4AB	Bypass Right Common Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4AC	Bypass Right Common Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4AD	Bypass Right Common Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4AF	Bypass Right Common Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4AG	Bypass Right Common Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4AH	Bypass Right Common Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4AJ	Bypass Right Common Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4AK	Bypass Right Common Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041C4AQ	Bypass Right Common Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4AR	Bypass Right Common Iliac Artery to Lower Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4J0	Bypass Right Common Iliac Artery to Abdominal Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4J1	Bypass Right Common Iliac Artery to Celiac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4J2	Bypass Right Common Iliac Artery to Mesenteric Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4J3	Bypass Right Common Iliac Artery to Right Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4J4	Bypass Right Common Iliac Artery to Left Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4J5	Bypass Right Common Iliac Artery to Bilateral Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4J6	Bypass Right Common Iliac Artery to Right Common Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4J7	Bypass Right Common Iliac Artery to Left Common Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4J8	Bypass Right Common Iliac Artery to Bilateral Common Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4J9	Bypass Right Common Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4JB	Bypass Right Common Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4JC	Bypass Right Common Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4JD	Bypass Right Common Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4JF	Bypass Right Common Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4JG	Bypass Right Common Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4JH	Bypass Right Common Iliac Artery to Right Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4JJ	Bypass Right Common Iliac Artery to Left Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4JK	Bypass Right Common Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4JQ	Bypass Right Common Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041C4JR	Bypass Right Common Iliac Artery to Lower Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4K0	Bypass Right Common Iliac Artery to Abdominal Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4K1	Bypass Right Common Iliac Artery to Celiac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4K2	Bypass Right Common Iliac Artery to Mesenteric Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4K3	Bypass Right Common Iliac Artery to Right Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4K4	Bypass Right Common Iliac Artery to Left Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4K5	Bypass Right Common Iliac Artery to Bilateral Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4K6	Bypass Right Common Iliac Artery to Right Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4K7	Bypass Right Common Iliac Artery to Left Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4K8	Bypass Right Common Iliac Artery to Bilateral Common Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4K9	Bypass Right Common Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4KB	Bypass Right Common Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4KC	Bypass Right Common Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4KD	Bypass Right Common Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4KF	Bypass Right Common Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
041C4KG	Bypass Right Common Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4KH	Bypass Right Common Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4KJ	Bypass Right Common Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4KK	Bypass Right Common Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4KQ	Bypass Right Common Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4KR	Bypass Right Common Iliac Artery to Lower Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4Z0	Bypass Right Common Iliac Artery to Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4Z1	Bypass Right Common Iliac Artery to Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4Z2	Bypass Right Common Iliac Artery to Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4Z3	Bypass Right Common Iliac Artery to Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4Z4	Bypass Right Common Iliac Artery to Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4Z5	Bypass Right Common Iliac Artery to Bilateral Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4Z6	Bypass Right Common Iliac Artery to Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4Z7	Bypass Right Common Iliac Artery to Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4Z8	Bypass Right Common Iliac Artery to Bilateral Common Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4Z9	Bypass Right Common Iliac Artery to Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4ZB	Bypass Right Common Iliac Artery to Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4ZC	Bypass Right Common Iliac Artery to Bilateral Internal Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4ZD	Bypass Right Common Iliac Artery to Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041C4ZF	Bypass Right Common Iliac Artery to Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4ZG	Bypass Right Common Iliac Artery to Bilateral External Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4ZH	Bypass Right Common Iliac Artery to Right Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4ZJ	Bypass Right Common Iliac Artery to Left Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4ZK	Bypass Right Common Iliac Artery to Bilateral Femoral Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4ZQ	Bypass Right Common Iliac Artery to Lower Extremity Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041C4ZR	Bypass Right Common Iliac Artery to Lower Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D090	Bypass Left Common Iliac Artery to Abdominal Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D091	Bypass Left Common Iliac Artery to Celiac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D092	Bypass Left Common Iliac Artery to Mesenteric Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D093	Bypass Left Common Iliac Artery to Right Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D094	Bypass Left Common Iliac Artery to Left Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D095	Bypass Left Common Iliac Artery to Bilateral Renal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D096	Bypass Left Common Iliac Artery to Right Common Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D097	Bypass Left Common Iliac Artery to Left Common Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D098	Bypass Left Common Iliac Artery to Bilateral Common Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D099	Bypass Left Common Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D09B	Bypass Left Common Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D09C	Bypass Left Common Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D09D	Bypass Left Common Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D09F	Bypass Left Common Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D09G	Bypass Left Common Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041D09H	Bypass Left Common Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D09J	Bypass Left Common Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D09K	Bypass Left Common Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D09Q	Bypass Left Common Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D09R	Bypass Left Common Iliac Artery to Lower Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041D0A0	Bypass Left Common Iliac Artery to Abdominal Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0A1	Bypass Left Common Iliac Artery to Celiac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0A2	Bypass Left Common Iliac Artery to Mesenteric Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0A3	Bypass Left Common Iliac Artery to Right Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0A4	Bypass Left Common Iliac Artery to Left Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0A5	Bypass Left Common Iliac Artery to Bilateral Renal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0A6	Bypass Left Common Iliac Artery to Right Common Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0A7	Bypass Left Common Iliac Artery to Left Common Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0A8	Bypass Left Common Iliac Artery to Bilateral Common Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0A9	Bypass Left Common Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0AB	Bypass Left Common Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0AC	Bypass Left Common Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0AD	Bypass Left Common Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0AF	Bypass Left Common Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0AG	Bypass Left Common Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0AH	Bypass Left Common Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0AJ	Bypass Left Common Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041D0AK	Bypass Left Common Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0AQ	Bypass Left Common Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0AR	Bypass Left Common Iliac Artery to Lower Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041D0J0	Bypass Left Common Iliac Artery to Abdominal Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0J1	Bypass Left Common Iliac Artery to Celiac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0J2	Bypass Left Common Iliac Artery to Mesenteric Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0J3	Bypass Left Common Iliac Artery to Right Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0J4	Bypass Left Common Iliac Artery to Left Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0J5	Bypass Left Common Iliac Artery to Bilateral Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0J6	Bypass Left Common Iliac Artery to Right Common Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0J7	Bypass Left Common Iliac Artery to Left Common Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0J8	Bypass Left Common Iliac Artery to Bilateral Common Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0J9	Bypass Left Common Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0JB	Bypass Left Common Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0JC	Bypass Left Common Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0JD	Bypass Left Common Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0JF	Bypass Left Common Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0JG	Bypass Left Common Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0JH	Bypass Left Common Iliac Artery to Right Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0JJ	Bypass Left Common Iliac Artery to Left Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0JK	Bypass Left Common Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0JQ	Bypass Left Common Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041D0JR	Bypass Left Common Iliac Artery to Lower Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041D0K0	Bypass Left Common Iliac Artery to Abdominal Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0K1	Bypass Left Common Iliac Artery to Celiac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0K2	Bypass Left Common Iliac Artery to Mesenteric Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0K3	Bypass Left Common Iliac Artery to Right Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0K4	Bypass Left Common Iliac Artery to Left Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0K5	Bypass Left Common Iliac Artery to Bilateral Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0K6	Bypass Left Common Iliac Artery to Right Common Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0K7	Bypass Left Common Iliac Artery to Left Common Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0K8	Bypass Left Common Iliac Artery to Bilateral Common Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0K9	Bypass Left Common Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0KB	Bypass Left Common Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0KC	Bypass Left Common Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0KD	Bypass Left Common Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0KF	Bypass Left Common Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0KG	Bypass Left Common Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0KH	Bypass Left Common Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0KJ	Bypass Left Common Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0KK	Bypass Left Common Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0KQ	Bypass Left Common Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0KR	Bypass Left Common Iliac Artery to Lower Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041D0Z0	Bypass Left Common Iliac Artery to Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041D0Z1	Bypass Left Common Iliac Artery to Celiac Artery, Open Approach	Procedure	ICD-10-PCS
041D0Z2	Bypass Left Common Iliac Artery to Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
041D0Z3	Bypass Left Common Iliac Artery to Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
041D0Z4	Bypass Left Common Iliac Artery to Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
041D0Z5	Bypass Left Common Iliac Artery to Bilateral Renal Artery, Open Approach	Procedure	ICD-10-PCS
041D0Z6	Bypass Left Common Iliac Artery to Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041D0Z7	Bypass Left Common Iliac Artery to Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041D0Z8	Bypass Left Common Iliac Artery to Bilateral Common Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041D0Z9	Bypass Left Common Iliac Artery to Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041D0ZB	Bypass Left Common Iliac Artery to Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041D0ZC	Bypass Left Common Iliac Artery to Bilateral Internal Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041D0ZD	Bypass Left Common Iliac Artery to Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041D0ZF	Bypass Left Common Iliac Artery to Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041D0ZG	Bypass Left Common Iliac Artery to Bilateral External Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041D0ZH	Bypass Left Common Iliac Artery to Right Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041D0ZJ	Bypass Left Common Iliac Artery to Left Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041D0ZK	Bypass Left Common Iliac Artery to Bilateral Femoral Arteries, Open Approach	Procedure	ICD-10-PCS
041D0ZQ	Bypass Left Common Iliac Artery to Lower Extremity Artery, Open Approach	Procedure	ICD-10-PCS
041D0ZR	Bypass Left Common Iliac Artery to Lower Artery, Open Approach	Procedure	ICD-10-PCS
041D490	Bypass Left Common Iliac Artery to Abdominal Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D491	Bypass Left Common Iliac Artery to Celiac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D492	Bypass Left Common Iliac Artery to Mesenteric Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D493	Bypass Left Common Iliac Artery to Right Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041D494	Bypass Left Common Iliac Artery to Left Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D495	Bypass Left Common Iliac Artery to Bilateral Renal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D496	Bypass Left Common Iliac Artery to Right Common Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D497	Bypass Left Common Iliac Artery to Left Common Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D498	Bypass Left Common Iliac Artery to Bilateral Common Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D499	Bypass Left Common Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D49B	Bypass Left Common Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D49C	Bypass Left Common Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D49D	Bypass Left Common Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D49F	Bypass Left Common Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D49G	Bypass Left Common Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D49H	Bypass Left Common Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D49J	Bypass Left Common Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D49K	Bypass Left Common Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D49Q	Bypass Left Common Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D49R	Bypass Left Common Iliac Artery to Lower Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4A0	Bypass Left Common Iliac Artery to Abdominal Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4A1	Bypass Left Common Iliac Artery to Celiac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4A2	Bypass Left Common Iliac Artery to Mesenteric Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4A3	Bypass Left Common Iliac Artery to Right Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041D4A4	Bypass Left Common Iliac Artery to Left Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4A5	Bypass Left Common Iliac Artery to Bilateral Renal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4A6	Bypass Left Common Iliac Artery to Right Common Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4A7	Bypass Left Common Iliac Artery to Left Common Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4A8	Bypass Left Common Iliac Artery to Bilateral Common Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4A9	Bypass Left Common Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4AB	Bypass Left Common Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4AC	Bypass Left Common Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4AD	Bypass Left Common Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4AF	Bypass Left Common Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4AG	Bypass Left Common Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4AH	Bypass Left Common Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4AJ	Bypass Left Common Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4AK	Bypass Left Common Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4AQ	Bypass Left Common Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4AR	Bypass Left Common Iliac Artery to Lower Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4J0	Bypass Left Common Iliac Artery to Abdominal Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4J1	Bypass Left Common Iliac Artery to Celiac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4J2	Bypass Left Common Iliac Artery to Mesenteric Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4J3	Bypass Left Common Iliac Artery to Right Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041D4J4	Bypass Left Common Iliac Artery to Left Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4J5	Bypass Left Common Iliac Artery to Bilateral Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4J6	Bypass Left Common Iliac Artery to Right Common Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4J7	Bypass Left Common Iliac Artery to Left Common Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4J8	Bypass Left Common Iliac Artery to Bilateral Common Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4J9	Bypass Left Common Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4JB	Bypass Left Common Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4JC	Bypass Left Common Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4JD	Bypass Left Common Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4JF	Bypass Left Common Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4JG	Bypass Left Common Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4JH	Bypass Left Common Iliac Artery to Right Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4JJ	Bypass Left Common Iliac Artery to Left Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4JK	Bypass Left Common Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4JQ	Bypass Left Common Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4JR	Bypass Left Common Iliac Artery to Lower Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4K0	Bypass Left Common Iliac Artery to Abdominal Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4K1	Bypass Left Common Iliac Artery to Celiac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4K2	Bypass Left Common Iliac Artery to Mesenteric Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4K3	Bypass Left Common Iliac Artery to Right Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041D4K4	Bypass Left Common Iliac Artery to Left Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4K5	Bypass Left Common Iliac Artery to Bilateral Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4K6	Bypass Left Common Iliac Artery to Right Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4K7	Bypass Left Common Iliac Artery to Left Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4K8	Bypass Left Common Iliac Artery to Bilateral Common Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4K9	Bypass Left Common Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4KB	Bypass Left Common Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4KC	Bypass Left Common Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4KD	Bypass Left Common Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4KF	Bypass Left Common Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4KG	Bypass Left Common Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4KH	Bypass Left Common Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4KJ	Bypass Left Common Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4KK	Bypass Left Common Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041D4KQ	Bypass Left Common Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4KR	Bypass Left Common Iliac Artery to Lower Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4Z0	Bypass Left Common Iliac Artery to Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4Z1	Bypass Left Common Iliac Artery to Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4Z2	Bypass Left Common Iliac Artery to Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4Z3	Bypass Left Common Iliac Artery to Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4Z4	Bypass Left Common Iliac Artery to Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4Z5	Bypass Left Common Iliac Artery to Bilateral Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4Z6	Bypass Left Common Iliac Artery to Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4Z7	Bypass Left Common Iliac Artery to Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4Z8	Bypass Left Common Iliac Artery to Bilateral Common Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4Z9	Bypass Left Common Iliac Artery to Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4ZB	Bypass Left Common Iliac Artery to Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4ZC	Bypass Left Common Iliac Artery to Bilateral Internal Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4ZD	Bypass Left Common Iliac Artery to Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4ZF	Bypass Left Common Iliac Artery to Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4ZG	Bypass Left Common Iliac Artery to Bilateral External Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4ZH	Bypass Left Common Iliac Artery to Right Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4ZJ	Bypass Left Common Iliac Artery to Left Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4ZK	Bypass Left Common Iliac Artery to Bilateral Femoral Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041D4ZQ	Bypass Left Common Iliac Artery to Lower Extremity Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041D4ZR	Bypass Left Common Iliac Artery to Lower Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E099	Bypass Right Internal Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041E09B	Bypass Right Internal Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041E09C	Bypass Right Internal Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041E09D	Bypass Right Internal Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041E09F	Bypass Right Internal Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041E09G	Bypass Right Internal Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041E09H	Bypass Right Internal Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041E09J	Bypass Right Internal Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041E09K	Bypass Right Internal Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041E09P	Bypass Right Internal Iliac Artery to Foot Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041E09Q	Bypass Right Internal Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041E0A9	Bypass Right Internal Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041E0AB	Bypass Right Internal Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041E0AC	Bypass Right Internal Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041E0AD	Bypass Right Internal Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041E0AF	Bypass Right Internal Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041E0AG	Bypass Right Internal Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041E0AH	Bypass Right Internal Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041E0AJ	Bypass Right Internal Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041E0AK	Bypass Right Internal Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041E0AP	Bypass Right Internal Iliac Artery to Foot Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041E0AQ	Bypass Right Internal Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041E0J9	Bypass Right Internal Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041E0JB	Bypass Right Internal Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041E0JC	Bypass Right Internal Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041E0JD	Bypass Right Internal Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041E0JF	Bypass Right Internal Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041E0JG	Bypass Right Internal Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041E0JH	Bypass Right Internal Iliac Artery to Right Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041E0JJ	Bypass Right Internal Iliac Artery to Left Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041E0JK	Bypass Right Internal Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041E0JP	Bypass Right Internal Iliac Artery to Foot Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041E0JQ	Bypass Right Internal Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041E0K9	Bypass Right Internal Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041E0KB	Bypass Right Internal Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041E0KC	Bypass Right Internal Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041E0KD	Bypass Right Internal Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041E0KF	Bypass Right Internal Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041E0KG	Bypass Right Internal Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041E0KH	Bypass Right Internal Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041E0KJ	Bypass Right Internal Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041E0KK	Bypass Right Internal Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041E0KP	Bypass Right Internal Iliac Artery to Foot Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041E0KQ	Bypass Right Internal Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041E0Z9	Bypass Right Internal Iliac Artery to Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041E0ZB	Bypass Right Internal Iliac Artery to Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041E0ZC	Bypass Right Internal Iliac Artery to Bilateral Internal Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041E0ZD	Bypass Right Internal Iliac Artery to Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041E0ZF	Bypass Right Internal Iliac Artery to Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041E0ZG	Bypass Right Internal Iliac Artery to Bilateral External Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041E0ZH	Bypass Right Internal Iliac Artery to Right Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041E0ZJ	Bypass Right Internal Iliac Artery to Left Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041E0ZK	Bypass Right Internal Iliac Artery to Bilateral Femoral Arteries, Open Approach	Procedure	ICD-10-PCS
041E0ZP	Bypass Right Internal Iliac Artery to Foot Artery, Open Approach	Procedure	ICD-10-PCS
041E0ZQ	Bypass Right Internal Iliac Artery to Lower Extremity Artery, Open Approach	Procedure	ICD-10-PCS
041E499	Bypass Right Internal Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E49B	Bypass Right Internal Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E49C	Bypass Right Internal Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E49D	Bypass Right Internal Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E49F	Bypass Right Internal Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E49G	Bypass Right Internal Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E49H	Bypass Right Internal Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E49J	Bypass Right Internal Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E49K	Bypass Right Internal Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041E49P	Bypass Right Internal Iliac Artery to Foot Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E49Q	Bypass Right Internal Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4A9	Bypass Right Internal Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4AB	Bypass Right Internal Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4AC	Bypass Right Internal Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4AD	Bypass Right Internal Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4AF	Bypass Right Internal Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4AG	Bypass Right Internal Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4AH	Bypass Right Internal Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4AJ	Bypass Right Internal Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4AK	Bypass Right Internal Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4AP	Bypass Right Internal Iliac Artery to Foot Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4AQ	Bypass Right Internal Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4J9	Bypass Right Internal Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4JB	Bypass Right Internal Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4JC	Bypass Right Internal Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4JD	Bypass Right Internal Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4JF	Bypass Right Internal Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4JG	Bypass Right Internal Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4JH	Bypass Right Internal Iliac Artery to Right Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4JJ	Bypass Right Internal Iliac Artery to Left Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041E4JK	Bypass Right Internal Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4JP	Bypass Right Internal Iliac Artery to Foot Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4JQ	Bypass Right Internal Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4K9	Bypass Right Internal Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4KB	Bypass Right Internal Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4KC	Bypass Right Internal Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4KD	Bypass Right Internal Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4KF	Bypass Right Internal Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4KG	Bypass Right Internal Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4KH	Bypass Right Internal Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4KJ	Bypass Right Internal Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4KK	Bypass Right Internal Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4KP	Bypass Right Internal Iliac Artery to Foot Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4KQ	Bypass Right Internal Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4Z9	Bypass Right Internal Iliac Artery to Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4ZB	Bypass Right Internal Iliac Artery to Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041E4ZC	Bypass Right Internal Iliac Artery to Bilateral Internal Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4ZD	Bypass Right Internal Iliac Artery to Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4ZF	Bypass Right Internal Iliac Artery to Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4ZG	Bypass Right Internal Iliac Artery to Bilateral External Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4ZH	Bypass Right Internal Iliac Artery to Right Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4ZJ	Bypass Right Internal Iliac Artery to Left Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4ZK	Bypass Right Internal Iliac Artery to Bilateral Femoral Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4ZP	Bypass Right Internal Iliac Artery to Foot Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041E4ZQ	Bypass Right Internal Iliac Artery to Lower Extremity Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F099	Bypass Left Internal Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041F09B	Bypass Left Internal Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041F09C	Bypass Left Internal Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041F09D	Bypass Left Internal Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041F09F	Bypass Left Internal Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041F09G	Bypass Left Internal Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041F09H	Bypass Left Internal Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041F09J	Bypass Left Internal Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041F09K	Bypass Left Internal Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041F09P	Bypass Left Internal Iliac Artery to Foot Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041F09Q	Bypass Left Internal Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041F0A9	Bypass Left Internal Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041F0AB	Bypass Left Internal Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041F0AC	Bypass Left Internal Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041F0AD	Bypass Left Internal Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041F0AF	Bypass Left Internal Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041F0AG	Bypass Left Internal Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041F0AH	Bypass Left Internal Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041F0AJ	Bypass Left Internal Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041F0AK	Bypass Left Internal Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041F0AP	Bypass Left Internal Iliac Artery to Foot Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041F0AQ	Bypass Left Internal Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041F0J9	Bypass Left Internal Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041F0JB	Bypass Left Internal Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041F0JC	Bypass Left Internal Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041F0JD	Bypass Left Internal Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041F0JF	Bypass Left Internal Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041F0JG	Bypass Left Internal Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041F0JH	Bypass Left Internal Iliac Artery to Right Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041F0JJ	Bypass Left Internal Iliac Artery to Left Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041F0JK	Bypass Left Internal Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041F0JP	Bypass Left Internal Iliac Artery to Foot Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041F0JQ	Bypass Left Internal Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041F0K9	Bypass Left Internal Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041F0KB	Bypass Left Internal Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041F0KC	Bypass Left Internal Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041F0KD	Bypass Left Internal Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041F0KF	Bypass Left Internal Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041F0KG	Bypass Left Internal Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041F0KH	Bypass Left Internal Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041F0KJ	Bypass Left Internal Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041F0KK	Bypass Left Internal Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041F0KP	Bypass Left Internal Iliac Artery to Foot Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041F0KQ	Bypass Left Internal Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041F0Z9	Bypass Left Internal Iliac Artery to Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041F0ZB	Bypass Left Internal Iliac Artery to Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041F0ZC	Bypass Left Internal Iliac Artery to Bilateral Internal Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041F0ZD	Bypass Left Internal Iliac Artery to Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041F0ZF	Bypass Left Internal Iliac Artery to Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041F0ZG	Bypass Left Internal Iliac Artery to Bilateral External Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041F0ZH	Bypass Left Internal Iliac Artery to Right Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041F0ZJ	Bypass Left Internal Iliac Artery to Left Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041F0ZK	Bypass Left Internal Iliac Artery to Bilateral Femoral Arteries, Open Approach	Procedure	ICD-10-PCS
041F0ZP	Bypass Left Internal Iliac Artery to Foot Artery, Open Approach	Procedure	ICD-10-PCS
041F0ZQ	Bypass Left Internal Iliac Artery to Lower Extremity Artery, Open Approach	Procedure	ICD-10-PCS
041F499	Bypass Left Internal Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F49B	Bypass Left Internal Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041F49C	Bypass Left Internal Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F49D	Bypass Left Internal Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F49F	Bypass Left Internal Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F49G	Bypass Left Internal Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F49H	Bypass Left Internal Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F49J	Bypass Left Internal Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F49K	Bypass Left Internal Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F49P	Bypass Left Internal Iliac Artery to Foot Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F49Q	Bypass Left Internal Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4A9	Bypass Left Internal Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4AB	Bypass Left Internal Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4AC	Bypass Left Internal Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4AD	Bypass Left Internal Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4AF	Bypass Left Internal Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4AG	Bypass Left Internal Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4AH	Bypass Left Internal Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4AJ	Bypass Left Internal Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4AK	Bypass Left Internal Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4AP	Bypass Left Internal Iliac Artery to Foot Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4AQ	Bypass Left Internal Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041F4J9	Bypass Left Internal Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4JB	Bypass Left Internal Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4JC	Bypass Left Internal Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4JD	Bypass Left Internal Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4JF	Bypass Left Internal Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4JG	Bypass Left Internal Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4JH	Bypass Left Internal Iliac Artery to Right Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4JJ	Bypass Left Internal Iliac Artery to Left Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4JK	Bypass Left Internal Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4JP	Bypass Left Internal Iliac Artery to Foot Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4JQ	Bypass Left Internal Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4K9	Bypass Left Internal Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4KB	Bypass Left Internal Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4KC	Bypass Left Internal Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4KD	Bypass Left Internal Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4KF	Bypass Left Internal Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4KG	Bypass Left Internal Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4KH	Bypass Left Internal Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041F4KJ	Bypass Left Internal Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4KK	Bypass Left Internal Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4KP	Bypass Left Internal Iliac Artery to Foot Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4KQ	Bypass Left Internal Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4Z9	Bypass Left Internal Iliac Artery to Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4ZB	Bypass Left Internal Iliac Artery to Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4ZC	Bypass Left Internal Iliac Artery to Bilateral Internal Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4ZD	Bypass Left Internal Iliac Artery to Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4ZF	Bypass Left Internal Iliac Artery to Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4ZG	Bypass Left Internal Iliac Artery to Bilateral External Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4ZH	Bypass Left Internal Iliac Artery to Right Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4ZJ	Bypass Left Internal Iliac Artery to Left Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4ZK	Bypass Left Internal Iliac Artery to Bilateral Femoral Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4ZP	Bypass Left Internal Iliac Artery to Foot Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041F4ZQ	Bypass Left Internal Iliac Artery to Lower Extremity Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H099	Bypass Right External Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041H09B	Bypass Right External Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041H09C	Bypass Right External Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041H09D	Bypass Right External Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041H09F	Bypass Right External Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041H09G	Bypass Right External Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041H09H	Bypass Right External Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041H09J	Bypass Right External Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041H09K	Bypass Right External Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041H09P	Bypass Right External Iliac Artery to Foot Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041H09Q	Bypass Right External Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041H0A9	Bypass Right External Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041H0AB	Bypass Right External Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041H0AC	Bypass Right External Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041H0AD	Bypass Right External Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041H0AF	Bypass Right External Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041H0AG	Bypass Right External Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041H0AH	Bypass Right External Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041H0AJ	Bypass Right External Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041H0AK	Bypass Right External Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041H0AP	Bypass Right External Iliac Artery to Foot Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041H0AQ	Bypass Right External Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041H0J9	Bypass Right External Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041H0JB	Bypass Right External Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041H0JC	Bypass Right External Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041H0JD	Bypass Right External Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041H0JF	Bypass Right External Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041H0JG	Bypass Right External Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041H0JH	Bypass Right External Iliac Artery to Right Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041H0JJ	Bypass Right External Iliac Artery to Left Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041H0JK	Bypass Right External Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041H0JP	Bypass Right External Iliac Artery to Foot Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041H0JQ	Bypass Right External Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041H0K9	Bypass Right External Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041H0KB	Bypass Right External Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041H0KC	Bypass Right External Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041H0KD	Bypass Right External Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041H0KF	Bypass Right External Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041H0KG	Bypass Right External Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041H0KH	Bypass Right External Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041H0KJ	Bypass Right External Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041H0KK	Bypass Right External Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041H0KP	Bypass Right External Iliac Artery to Foot Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041H0KQ	Bypass Right External Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041H0Z9	Bypass Right External Iliac Artery to Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041H0ZB	Bypass Right External Iliac Artery to Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041H0ZC	Bypass Right External Iliac Artery to Bilateral Internal Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041H0ZD	Bypass Right External Iliac Artery to Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041H0ZF	Bypass Right External Iliac Artery to Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041H0ZG	Bypass Right External Iliac Artery to Bilateral External Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041H0ZH	Bypass Right External Iliac Artery to Right Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041H0ZJ	Bypass Right External Iliac Artery to Left Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041H0ZK	Bypass Right External Iliac Artery to Bilateral Femoral Arteries, Open Approach	Procedure	ICD-10-PCS
041H0ZP	Bypass Right External Iliac Artery to Foot Artery, Open Approach	Procedure	ICD-10-PCS
041H0ZQ	Bypass Right External Iliac Artery to Lower Extremity Artery, Open Approach	Procedure	ICD-10-PCS
041H499	Bypass Right External Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H49B	Bypass Right External Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H49C	Bypass Right External Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H49D	Bypass Right External Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H49F	Bypass Right External Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H49G	Bypass Right External Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H49H	Bypass Right External Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H49J	Bypass Right External Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H49K	Bypass Right External Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H49P	Bypass Right External Iliac Artery to Foot Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H49Q	Bypass Right External Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4A9	Bypass Right External Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4AB	Bypass Right External Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4AC	Bypass Right External Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4AD	Bypass Right External Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041H4AF	Bypass Right External Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4AG	Bypass Right External Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4AH	Bypass Right External Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4AJ	Bypass Right External Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4AK	Bypass Right External Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4AP	Bypass Right External Iliac Artery to Foot Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4AQ	Bypass Right External Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4J9	Bypass Right External Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4JB	Bypass Right External Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4JC	Bypass Right External Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4JD	Bypass Right External Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4JF	Bypass Right External Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4JG	Bypass Right External Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4JH	Bypass Right External Iliac Artery to Right Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4JJ	Bypass Right External Iliac Artery to Left Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4JK	Bypass Right External Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4JP	Bypass Right External Iliac Artery to Foot Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4JQ	Bypass Right External Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4K9	Bypass Right External Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4KB	Bypass Right External Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041H4KC	Bypass Right External Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4KD	Bypass Right External Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4KF	Bypass Right External Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4KG	Bypass Right External Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4KH	Bypass Right External Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4KJ	Bypass Right External Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4KK	Bypass Right External Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4KP	Bypass Right External Iliac Artery to Foot Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4KQ	Bypass Right External Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4Z9	Bypass Right External Iliac Artery to Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4ZB	Bypass Right External Iliac Artery to Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4ZC	Bypass Right External Iliac Artery to Bilateral Internal Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4ZD	Bypass Right External Iliac Artery to Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4ZF	Bypass Right External Iliac Artery to Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4ZG	Bypass Right External Iliac Artery to Bilateral External Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4ZH	Bypass Right External Iliac Artery to Right Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4ZJ	Bypass Right External Iliac Artery to Left Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041H4ZK	Bypass Right External Iliac Artery to Bilateral Femoral Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4ZP	Bypass Right External Iliac Artery to Foot Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041H4ZQ	Bypass Right External Iliac Artery to Lower Extremity Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J099	Bypass Left External Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041J09B	Bypass Left External Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041J09C	Bypass Left External Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041J09D	Bypass Left External Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041J09F	Bypass Left External Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041J09G	Bypass Left External Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041J09H	Bypass Left External Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041J09J	Bypass Left External Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041J09K	Bypass Left External Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041J09P	Bypass Left External Iliac Artery to Foot Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041J09Q	Bypass Left External Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
041J0A9	Bypass Left External Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041J0AB	Bypass Left External Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041J0AC	Bypass Left External Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041J0AD	Bypass Left External Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041J0AF	Bypass Left External Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041J0AG	Bypass Left External Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041J0AH	Bypass Left External Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041J0AJ	Bypass Left External Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041J0AK	Bypass Left External Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041J0AP	Bypass Left External Iliac Artery to Foot Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041J0AQ	Bypass Left External Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
041J0J9	Bypass Left External Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041J0JB	Bypass Left External Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041J0JC	Bypass Left External Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041J0JD	Bypass Left External Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041J0JF	Bypass Left External Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041J0JG	Bypass Left External Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041J0JH	Bypass Left External Iliac Artery to Right Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041J0JJ	Bypass Left External Iliac Artery to Left Femoral Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041J0JK	Bypass Left External Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041J0JP	Bypass Left External Iliac Artery to Foot Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041J0JQ	Bypass Left External Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
041J0K9	Bypass Left External Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041J0KB	Bypass Left External Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041J0KC	Bypass Left External Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041J0KD	Bypass Left External Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041J0KF	Bypass Left External Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041J0KG	Bypass Left External Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041J0KH	Bypass Left External Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041J0KJ	Bypass Left External Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041J0KK	Bypass Left External Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041J0KP	Bypass Left External Iliac Artery to Foot Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041J0KQ	Bypass Left External Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
041J0Z9	Bypass Left External Iliac Artery to Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041J0ZB	Bypass Left External Iliac Artery to Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041J0ZC	Bypass Left External Iliac Artery to Bilateral Internal Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041J0ZD	Bypass Left External Iliac Artery to Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041J0ZF	Bypass Left External Iliac Artery to Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
041J0ZG	Bypass Left External Iliac Artery to Bilateral External Iliac Arteries, Open Approach	Procedure	ICD-10-PCS
041J0ZH	Bypass Left External Iliac Artery to Right Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041J0ZJ	Bypass Left External Iliac Artery to Left Femoral Artery, Open Approach	Procedure	ICD-10-PCS
041J0ZK	Bypass Left External Iliac Artery to Bilateral Femoral Arteries, Open Approach	Procedure	ICD-10-PCS
041J0ZP	Bypass Left External Iliac Artery to Foot Artery, Open Approach	Procedure	ICD-10-PCS
041J0ZQ	Bypass Left External Iliac Artery to Lower Extremity Artery, Open Approach	Procedure	ICD-10-PCS
041J499	Bypass Left External Iliac Artery to Right Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J49B	Bypass Left External Iliac Artery to Left Internal Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J49C	Bypass Left External Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J49D	Bypass Left External Iliac Artery to Right External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J49F	Bypass Left External Iliac Artery to Left External Iliac Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J49G	Bypass Left External Iliac Artery to Bilateral External Iliac Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J49H	Bypass Left External Iliac Artery to Right Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041J49J	Bypass Left External Iliac Artery to Left Femoral Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J49K	Bypass Left External Iliac Artery to Bilateral Femoral Arteries with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J49P	Bypass Left External Iliac Artery to Foot Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J49Q	Bypass Left External Iliac Artery to Lower Extremity Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4A9	Bypass Left External Iliac Artery to Right Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4AB	Bypass Left External Iliac Artery to Left Internal Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4AC	Bypass Left External Iliac Artery to Bilateral Internal Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4AD	Bypass Left External Iliac Artery to Right External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4AF	Bypass Left External Iliac Artery to Left External Iliac Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4AG	Bypass Left External Iliac Artery to Bilateral External Iliac Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4AH	Bypass Left External Iliac Artery to Right Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4AJ	Bypass Left External Iliac Artery to Left Femoral Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4AK	Bypass Left External Iliac Artery to Bilateral Femoral Arteries with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4AP	Bypass Left External Iliac Artery to Foot Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4AQ	Bypass Left External Iliac Artery to Lower Extremity Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4J9	Bypass Left External Iliac Artery to Right Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4JB	Bypass Left External Iliac Artery to Left Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4JC	Bypass Left External Iliac Artery to Bilateral Internal Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4JD	Bypass Left External Iliac Artery to Right External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4JF	Bypass Left External Iliac Artery to Left External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4JG	Bypass Left External Iliac Artery to Bilateral External Iliac Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041J4JH	Bypass Left External Iliac Artery to Right Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4JJ	Bypass Left External Iliac Artery to Left Femoral Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4JK	Bypass Left External Iliac Artery to Bilateral Femoral Arteries with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4JP	Bypass Left External Iliac Artery to Foot Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4JQ	Bypass Left External Iliac Artery to Lower Extremity Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4K9	Bypass Left External Iliac Artery to Right Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4KB	Bypass Left External Iliac Artery to Left Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4KC	Bypass Left External Iliac Artery to Bilateral Internal Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4KD	Bypass Left External Iliac Artery to Right External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4KF	Bypass Left External Iliac Artery to Left External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4KG	Bypass Left External Iliac Artery to Bilateral External Iliac Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4KH	Bypass Left External Iliac Artery to Right Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4KJ	Bypass Left External Iliac Artery to Left Femoral Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4KK	Bypass Left External Iliac Artery to Bilateral Femoral Arteries with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4KP	Bypass Left External Iliac Artery to Foot Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4KQ	Bypass Left External Iliac Artery to Lower Extremity Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
041J4Z9	Bypass Left External Iliac Artery to Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4ZB	Bypass Left External Iliac Artery to Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4ZC	Bypass Left External Iliac Artery to Bilateral Internal Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4ZD	Bypass Left External Iliac Artery to Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4ZF	Bypass Left External Iliac Artery to Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4ZG	Bypass Left External Iliac Artery to Bilateral External Iliac Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4ZH	Bypass Left External Iliac Artery to Right Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4ZJ	Bypass Left External Iliac Artery to Left Femoral Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4ZK	Bypass Left External Iliac Artery to Bilateral Femoral Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4ZP	Bypass Left External Iliac Artery to Foot Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
041J4ZQ	Bypass Left External Iliac Artery to Lower Extremity Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04500ZZ	Destruction of Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
04503ZZ	Destruction of Abdominal Aorta, Percutaneous Approach	Procedure	ICD-10-PCS
04504ZZ	Destruction of Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04510ZZ	Destruction of Celiac Artery, Open Approach	Procedure	ICD-10-PCS
04513ZZ	Destruction of Celiac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04514ZZ	Destruction of Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04520ZZ	Destruction of Gastric Artery, Open Approach	Procedure	ICD-10-PCS
04523ZZ	Destruction of Gastric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04524ZZ	Destruction of Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04530ZZ	Destruction of Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
04533ZZ	Destruction of Hepatic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04534ZZ	Destruction of Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04540ZZ	Destruction of Splenic Artery, Open Approach	Procedure	ICD-10-PCS
04543ZZ	Destruction of Splenic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04544ZZ	Destruction of Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04550ZZ	Destruction of Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04553ZZ	Destruction of Superior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04554ZZ	Destruction of Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04560ZZ	Destruction of Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
04563ZZ	Destruction of Right Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04564ZZ	Destruction of Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04570ZZ	Destruction of Left Colic Artery, Open Approach	Procedure	ICD-10-PCS
04573ZZ	Destruction of Left Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04574ZZ	Destruction of Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04580ZZ	Destruction of Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS
04583ZZ	Destruction of Middle Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04584ZZ	Destruction of Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04590ZZ	Destruction of Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04593ZZ	Destruction of Right Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04594ZZ	Destruction of Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
045A0ZZ	Destruction of Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
045A3ZZ	Destruction of Left Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
045A4ZZ	Destruction of Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
045B0ZZ	Destruction of Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
045B3ZZ	Destruction of Inferior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
045B4ZZ	Destruction of Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
045C0ZZ	Destruction of Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
045C3ZZ	Destruction of Right Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
045C4ZZ	Destruction of Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
045D0ZZ	Destruction of Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
045D3ZZ	Destruction of Left Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
045D4ZZ	Destruction of Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
045E0ZZ	Destruction of Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
045E3ZZ	Destruction of Right Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
045E4ZZ	Destruction of Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
045F0ZZ	Destruction of Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
045F3ZZ	Destruction of Left Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
045F4ZZ	Destruction of Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
045H0ZZ	Destruction of Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
045H3ZZ	Destruction of Right External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
045H4ZZ	Destruction of Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
045J0ZZ	Destruction of Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
045J3ZZ	Destruction of Left External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
045J4ZZ	Destruction of Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0470041	Dilation of Abdominal Aorta with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
0470046	Dilation of Abdominal Aorta, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047004Z	Dilation of Abdominal Aorta with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0470056	Dilation of Abdominal Aorta, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047005Z	Dilation of Abdominal Aorta with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0470066	Dilation of Abdominal Aorta, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047006Z	Dilation of Abdominal Aorta with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0470076	Dilation of Abdominal Aorta, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047007Z	Dilation of Abdominal Aorta with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04700D1	Dilation of Abdominal Aorta with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04700D6	Dilation of Abdominal Aorta, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04700DZ	Dilation of Abdominal Aorta with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04700E6	Dilation of Abdominal Aorta, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04700EZ	Dilation of Abdominal Aorta with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04700F6	Dilation of Abdominal Aorta, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04700FZ	Dilation of Abdominal Aorta with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04700G6	Dilation of Abdominal Aorta, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04700GZ	Dilation of Abdominal Aorta with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04700Z1	Dilation of Abdominal Aorta using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04700Z6	Dilation of Abdominal Aorta, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04700ZZ	Dilation of Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
0470341	Dilation of Abdominal Aorta with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0470346	Dilation of Abdominal Aorta, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047034Z	Dilation of Abdominal Aorta with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0470356	Dilation of Abdominal Aorta, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047035Z	Dilation of Abdominal Aorta with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0470366	Dilation of Abdominal Aorta, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047036Z	Dilation of Abdominal Aorta with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0470376	Dilation of Abdominal Aorta, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047037Z	Dilation of Abdominal Aorta with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04703D1	Dilation of Abdominal Aorta with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04703D6	Dilation of Abdominal Aorta, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04703DZ	Dilation of Abdominal Aorta with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04703E6	Dilation of Abdominal Aorta, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04703EZ	Dilation of Abdominal Aorta with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04703F6	Dilation of Abdominal Aorta, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04703FZ	Dilation of Abdominal Aorta with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04703G6	Dilation of Abdominal Aorta, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04703GZ	Dilation of Abdominal Aorta with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04703Z1	Dilation of Abdominal Aorta using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04703Z6	Dilation of Abdominal Aorta, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04703ZZ	Dilation of Abdominal Aorta, Percutaneous Approach	Procedure	ICD-10-PCS
0470441	Dilation of Abdominal Aorta with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0470446	Dilation of Abdominal Aorta, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047044Z	Dilation of Abdominal Aorta with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0470456	Dilation of Abdominal Aorta, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047045Z	Dilation of Abdominal Aorta with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0470466	Dilation of Abdominal Aorta, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047046Z	Dilation of Abdominal Aorta with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0470476	Dilation of Abdominal Aorta, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047047Z	Dilation of Abdominal Aorta with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704D1	Dilation of Abdominal Aorta with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704D6	Dilation of Abdominal Aorta, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704DZ	Dilation of Abdominal Aorta with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704E6	Dilation of Abdominal Aorta, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704EZ	Dilation of Abdominal Aorta with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704F6	Dilation of Abdominal Aorta, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704FZ	Dilation of Abdominal Aorta with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704G6	Dilation of Abdominal Aorta, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704GZ	Dilation of Abdominal Aorta with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704Z1	Dilation of Abdominal Aorta using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704Z6	Dilation of Abdominal Aorta, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04704ZZ	Dilation of Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0471041	Dilation of Celiac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
0471046	Dilation of Celiac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047104Z	Dilation of Celiac Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0471056	Dilation of Celiac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
047105Z	Dilation of Celiac Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0471066	Dilation of Celiac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047106Z	Dilation of Celiac Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0471076	Dilation of Celiac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047107Z	Dilation of Celiac Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04710D1	Dilation of Celiac Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04710D6	Dilation of Celiac Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04710DZ	Dilation of Celiac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04710E6	Dilation of Celiac Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04710EZ	Dilation of Celiac Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04710F6	Dilation of Celiac Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04710FZ	Dilation of Celiac Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04710G6	Dilation of Celiac Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04710GZ	Dilation of Celiac Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04710Z1	Dilation of Celiac Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04710Z6	Dilation of Celiac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04710ZZ	Dilation of Celiac Artery, Open Approach	Procedure	ICD-10-PCS
0471341	Dilation of Celiac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
0471346	Dilation of Celiac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047134Z	Dilation of Celiac Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0471356	Dilation of Celiac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047135Z	Dilation of Celiac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0471366	Dilation of Celiac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047136Z	Dilation of Celiac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0471376	Dilation of Celiac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047137Z	Dilation of Celiac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04713D1	Dilation of Celiac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04713D6	Dilation of Celiac Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04713DZ	Dilation of Celiac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04713E6	Dilation of Celiac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04713EZ	Dilation of Celiac Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04713F6	Dilation of Celiac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04713FZ	Dilation of Celiac Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04713G6	Dilation of Celiac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04713GZ	Dilation of Celiac Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04713Z1	Dilation of Celiac Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04713Z6	Dilation of Celiac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04713ZZ	Dilation of Celiac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
0471441	Dilation of Celiac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0471446	Dilation of Celiac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047144Z	Dilation of Celiac Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0471456	Dilation of Celiac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047145Z	Dilation of Celiac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0471466	Dilation of Celiac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047146Z	Dilation of Celiac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0471476	Dilation of Celiac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047147Z	Dilation of Celiac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714D1	Dilation of Celiac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714D6	Dilation of Celiac Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714DZ	Dilation of Celiac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714E6	Dilation of Celiac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714EZ	Dilation of Celiac Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714F6	Dilation of Celiac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714FZ	Dilation of Celiac Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714G6	Dilation of Celiac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714GZ	Dilation of Celiac Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714Z1	Dilation of Celiac Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714Z6	Dilation of Celiac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04714ZZ	Dilation of Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0472041	Dilation of Gastric Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
0472046	Dilation of Gastric Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047204Z	Dilation of Gastric Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0472056	Dilation of Gastric Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047205Z	Dilation of Gastric Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0472066	Dilation of Gastric Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047206Z	Dilation of Gastric Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0472076	Dilation of Gastric Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047207Z	Dilation of Gastric Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04720D1	Dilation of Gastric Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04720D6	Dilation of Gastric Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04720DZ	Dilation of Gastric Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04720E6	Dilation of Gastric Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04720EZ	Dilation of Gastric Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04720F6	Dilation of Gastric Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04720FZ	Dilation of Gastric Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04720G6	Dilation of Gastric Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04720GZ	Dilation of Gastric Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04720Z1	Dilation of Gastric Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04720Z6	Dilation of Gastric Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04720ZZ	Dilation of Gastric Artery, Open Approach	Procedure	ICD-10-PCS
0472341	Dilation of Gastric Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
0472346	Dilation of Gastric Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047234Z	Dilation of Gastric Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0472356	Dilation of Gastric Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047235Z	Dilation of Gastric Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0472366	Dilation of Gastric Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047236Z	Dilation of Gastric Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0472376	Dilation of Gastric Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047237Z	Dilation of Gastric Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04723D1	Dilation of Gastric Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04723D6	Dilation of Gastric Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04723DZ	Dilation of Gastric Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04723E6	Dilation of Gastric Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04723EZ	Dilation of Gastric Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04723F6	Dilation of Gastric Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04723FZ	Dilation of Gastric Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04723G6	Dilation of Gastric Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04723GZ	Dilation of Gastric Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04723Z1	Dilation of Gastric Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04723Z6	Dilation of Gastric Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04723ZZ	Dilation of Gastric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
0472441	Dilation of Gastric Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0472446	Dilation of Gastric Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047244Z	Dilation of Gastric Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0472456	Dilation of Gastric Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047245Z	Dilation of Gastric Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0472466	Dilation of Gastric Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047246Z	Dilation of Gastric Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0472476	Dilation of Gastric Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047247Z	Dilation of Gastric Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04724D1	Dilation of Gastric Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04724D6	Dilation of Gastric Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04724DZ	Dilation of Gastric Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04724E6	Dilation of Gastric Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04724EZ	Dilation of Gastric Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04724F6	Dilation of Gastric Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04724FZ	Dilation of Gastric Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04724G6	Dilation of Gastric Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04724GZ	Dilation of Gastric Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04724Z1	Dilation of Gastric Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04724Z6	Dilation of Gastric Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04724ZZ	Dilation of Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0473041	Dilation of Hepatic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
0473046	Dilation of Hepatic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047304Z	Dilation of Hepatic Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0473056	Dilation of Hepatic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047305Z	Dilation of Hepatic Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0473066	Dilation of Hepatic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047306Z	Dilation of Hepatic Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0473076	Dilation of Hepatic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047307Z	Dilation of Hepatic Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04730D1	Dilation of Hepatic Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04730D6	Dilation of Hepatic Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04730DZ	Dilation of Hepatic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04730E6	Dilation of Hepatic Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04730EZ	Dilation of Hepatic Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04730F6	Dilation of Hepatic Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04730FZ	Dilation of Hepatic Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04730G6	Dilation of Hepatic Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04730GZ	Dilation of Hepatic Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04730Z1	Dilation of Hepatic Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04730Z6	Dilation of Hepatic Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04730ZZ	Dilation of Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
0473341	Dilation of Hepatic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
0473346	Dilation of Hepatic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047334Z	Dilation of Hepatic Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0473356	Dilation of Hepatic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047335Z	Dilation of Hepatic Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0473366	Dilation of Hepatic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047336Z	Dilation of Hepatic Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0473376	Dilation of Hepatic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047337Z	Dilation of Hepatic Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04733D1	Dilation of Hepatic Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04733D6	Dilation of Hepatic Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04733DZ	Dilation of Hepatic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04733E6	Dilation of Hepatic Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04733EZ	Dilation of Hepatic Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04733F6	Dilation of Hepatic Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04733FZ	Dilation of Hepatic Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04733G6	Dilation of Hepatic Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04733GZ	Dilation of Hepatic Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04733Z1	Dilation of Hepatic Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04733Z6	Dilation of Hepatic Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04733ZZ	Dilation of Hepatic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
0473441	Dilation of Hepatic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0473446	Dilation of Hepatic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047344Z	Dilation of Hepatic Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0473456	Dilation of Hepatic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047345Z	Dilation of Hepatic Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0473466	Dilation of Hepatic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047346Z	Dilation of Hepatic Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0473476	Dilation of Hepatic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047347Z	Dilation of Hepatic Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04734D1	Dilation of Hepatic Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04734D6	Dilation of Hepatic Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04734DZ	Dilation of Hepatic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04734E6	Dilation of Hepatic Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04734EZ	Dilation of Hepatic Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04734F6	Dilation of Hepatic Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04734FZ	Dilation of Hepatic Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04734G6	Dilation of Hepatic Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04734GZ	Dilation of Hepatic Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04734Z1	Dilation of Hepatic Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04734Z6	Dilation of Hepatic Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04734ZZ	Dilation of Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0474041	Dilation of Splenic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
0474046	Dilation of Splenic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047404Z	Dilation of Splenic Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0474056	Dilation of Splenic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047405Z	Dilation of Splenic Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0474066	Dilation of Splenic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047406Z	Dilation of Splenic Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0474076	Dilation of Splenic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047407Z	Dilation of Splenic Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04740D1	Dilation of Splenic Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04740D6	Dilation of Splenic Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04740DZ	Dilation of Splenic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04740E6	Dilation of Splenic Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04740EZ	Dilation of Splenic Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04740F6	Dilation of Splenic Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04740FZ	Dilation of Splenic Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04740G6	Dilation of Splenic Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04740GZ	Dilation of Splenic Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04740Z1	Dilation of Splenic Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04740Z6	Dilation of Splenic Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04740ZZ	Dilation of Splenic Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0474341	Dilation of Splenic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
0474346	Dilation of Splenic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047434Z	Dilation of Splenic Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0474356	Dilation of Splenic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047435Z	Dilation of Splenic Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0474366	Dilation of Splenic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047436Z	Dilation of Splenic Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0474376	Dilation of Splenic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047437Z	Dilation of Splenic Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04743D1	Dilation of Splenic Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04743D6	Dilation of Splenic Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04743DZ	Dilation of Splenic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04743E6	Dilation of Splenic Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04743EZ	Dilation of Splenic Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04743F6	Dilation of Splenic Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04743FZ	Dilation of Splenic Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04743G6	Dilation of Splenic Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04743GZ	Dilation of Splenic Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04743Z1	Dilation of Splenic Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04743Z6	Dilation of Splenic Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04743ZZ	Dilation of Splenic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
0474441	Dilation of Splenic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0474446	Dilation of Splenic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047444Z	Dilation of Splenic Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0474456	Dilation of Splenic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047445Z	Dilation of Splenic Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0474466	Dilation of Splenic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047446Z	Dilation of Splenic Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0474476	Dilation of Splenic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047447Z	Dilation of Splenic Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744D1	Dilation of Splenic Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744D6	Dilation of Splenic Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744DZ	Dilation of Splenic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744E6	Dilation of Splenic Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744EZ	Dilation of Splenic Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744F6	Dilation of Splenic Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744FZ	Dilation of Splenic Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744G6	Dilation of Splenic Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744GZ	Dilation of Splenic Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744Z1	Dilation of Splenic Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744Z6	Dilation of Splenic Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04744ZZ	Dilation of Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0475041	Dilation of Superior Mesenteric Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
0475046	Dilation of Superior Mesenteric Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047504Z	Dilation of Superior Mesenteric Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0475056	Dilation of Superior Mesenteric Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047505Z	Dilation of Superior Mesenteric Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0475066	Dilation of Superior Mesenteric Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047506Z	Dilation of Superior Mesenteric Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0475076	Dilation of Superior Mesenteric Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047507Z	Dilation of Superior Mesenteric Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04750D1	Dilation of Superior Mesenteric Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04750D6	Dilation of Superior Mesenteric Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04750DZ	Dilation of Superior Mesenteric Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04750E6	Dilation of Superior Mesenteric Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04750EZ	Dilation of Superior Mesenteric Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04750F6	Dilation of Superior Mesenteric Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04750FZ	Dilation of Superior Mesenteric Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04750G6	Dilation of Superior Mesenteric Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04750GZ	Dilation of Superior Mesenteric Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04750Z1	Dilation of Superior Mesenteric Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04750Z6	Dilation of Superior Mesenteric Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04750ZZ	Dilation of Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
0475341	Dilation of Superior Mesenteric Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
0475346	Dilation of Superior Mesenteric Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047534Z	Dilation of Superior Mesenteric Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0475356	Dilation of Superior Mesenteric Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047535Z	Dilation of Superior Mesenteric Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0475366	Dilation of Superior Mesenteric Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047536Z	Dilation of Superior Mesenteric Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0475376	Dilation of Superior Mesenteric Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047537Z	Dilation of Superior Mesenteric Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04753D1	Dilation of Superior Mesenteric Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04753D6	Dilation of Superior Mesenteric Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04753DZ	Dilation of Superior Mesenteric Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04753E6	Dilation of Superior Mesenteric Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04753EZ	Dilation of Superior Mesenteric Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04753F6	Dilation of Superior Mesenteric Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04753FZ	Dilation of Superior Mesenteric Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04753G6	Dilation of Superior Mesenteric Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04753GZ	Dilation of Superior Mesenteric Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04753Z1	Dilation of Superior Mesenteric Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04753Z6	Dilation of Superior Mesenteric Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04753ZZ	Dilation of Superior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
0475441	Dilation of Superior Mesenteric Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0475446	Dilation of Superior Mesenteric Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047544Z	Dilation of Superior Mesenteric Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0475456	Dilation of Superior Mesenteric Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047545Z	Dilation of Superior Mesenteric Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0475466	Dilation of Superior Mesenteric Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047546Z	Dilation of Superior Mesenteric Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0475476	Dilation of Superior Mesenteric Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047547Z	Dilation of Superior Mesenteric Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754D1	Dilation of Superior Mesenteric Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754D6	Dilation of Superior Mesenteric Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754DZ	Dilation of Superior Mesenteric Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754E6	Dilation of Superior Mesenteric Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754EZ	Dilation of Superior Mesenteric Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754F6	Dilation of Superior Mesenteric Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754FZ	Dilation of Superior Mesenteric Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754G6	Dilation of Superior Mesenteric Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754GZ	Dilation of Superior Mesenteric Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754Z1	Dilation of Superior Mesenteric Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754Z6	Dilation of Superior Mesenteric Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04754ZZ	Dilation of Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0476041	Dilation of Right Colic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
0476046	Dilation of Right Colic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047604Z	Dilation of Right Colic Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0476056	Dilation of Right Colic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047605Z	Dilation of Right Colic Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0476066	Dilation of Right Colic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047606Z	Dilation of Right Colic Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0476076	Dilation of Right Colic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047607Z	Dilation of Right Colic Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04760D1	Dilation of Right Colic Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04760D6	Dilation of Right Colic Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04760DZ	Dilation of Right Colic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04760E6	Dilation of Right Colic Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04760EZ	Dilation of Right Colic Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04760F6	Dilation of Right Colic Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04760FZ	Dilation of Right Colic Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04760G6	Dilation of Right Colic Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04760GZ	Dilation of Right Colic Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04760Z1	Dilation of Right Colic Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04760Z6	Dilation of Right Colic Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04760ZZ	Dilation of Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
0476341	Dilation of Right Colic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
0476346	Dilation of Right Colic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047634Z	Dilation of Right Colic Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0476356	Dilation of Right Colic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047635Z	Dilation of Right Colic Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0476366	Dilation of Right Colic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047636Z	Dilation of Right Colic Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0476376	Dilation of Right Colic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047637Z	Dilation of Right Colic Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04763D1	Dilation of Right Colic Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04763D6	Dilation of Right Colic Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04763DZ	Dilation of Right Colic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04763E6	Dilation of Right Colic Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04763EZ	Dilation of Right Colic Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04763F6	Dilation of Right Colic Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04763FZ	Dilation of Right Colic Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04763G6	Dilation of Right Colic Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04763GZ	Dilation of Right Colic Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04763Z1	Dilation of Right Colic Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04763Z6	Dilation of Right Colic Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04763ZZ	Dilation of Right Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
0476441	Dilation of Right Colic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0476446	Dilation of Right Colic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047644Z	Dilation of Right Colic Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0476456	Dilation of Right Colic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047645Z	Dilation of Right Colic Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0476466	Dilation of Right Colic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047646Z	Dilation of Right Colic Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0476476	Dilation of Right Colic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047647Z	Dilation of Right Colic Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04764D1	Dilation of Right Colic Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04764D6	Dilation of Right Colic Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04764DZ	Dilation of Right Colic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04764E6	Dilation of Right Colic Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04764EZ	Dilation of Right Colic Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04764F6	Dilation of Right Colic Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04764FZ	Dilation of Right Colic Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04764G6	Dilation of Right Colic Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04764GZ	Dilation of Right Colic Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04764Z1	Dilation of Right Colic Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04764Z6	Dilation of Right Colic Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04764ZZ	Dilation of Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0477041	Dilation of Left Colic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
0477046	Dilation of Left Colic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047704Z	Dilation of Left Colic Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0477056	Dilation of Left Colic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047705Z	Dilation of Left Colic Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0477066	Dilation of Left Colic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047706Z	Dilation of Left Colic Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0477076	Dilation of Left Colic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047707Z	Dilation of Left Colic Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04770D1	Dilation of Left Colic Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04770D6	Dilation of Left Colic Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04770DZ	Dilation of Left Colic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04770E6	Dilation of Left Colic Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04770EZ	Dilation of Left Colic Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04770F6	Dilation of Left Colic Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04770FZ	Dilation of Left Colic Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04770G6	Dilation of Left Colic Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04770GZ	Dilation of Left Colic Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04770Z1	Dilation of Left Colic Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04770Z6	Dilation of Left Colic Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04770ZZ	Dilation of Left Colic Artery, Open Approach	Procedure	ICD-10-PCS
0477341	Dilation of Left Colic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
0477346	Dilation of Left Colic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047734Z	Dilation of Left Colic Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0477356	Dilation of Left Colic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047735Z	Dilation of Left Colic Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0477366	Dilation of Left Colic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047736Z	Dilation of Left Colic Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0477376	Dilation of Left Colic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047737Z	Dilation of Left Colic Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04773D1	Dilation of Left Colic Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04773D6	Dilation of Left Colic Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04773DZ	Dilation of Left Colic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04773E6	Dilation of Left Colic Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04773EZ	Dilation of Left Colic Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04773F6	Dilation of Left Colic Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04773FZ	Dilation of Left Colic Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04773G6	Dilation of Left Colic Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04773GZ	Dilation of Left Colic Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04773Z1	Dilation of Left Colic Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04773Z6	Dilation of Left Colic Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04773ZZ	Dilation of Left Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
0477441	Dilation of Left Colic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0477446	Dilation of Left Colic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047744Z	Dilation of Left Colic Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0477456	Dilation of Left Colic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047745Z	Dilation of Left Colic Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0477466	Dilation of Left Colic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047746Z	Dilation of Left Colic Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0477476	Dilation of Left Colic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047747Z	Dilation of Left Colic Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04774D1	Dilation of Left Colic Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04774D6	Dilation of Left Colic Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04774DZ	Dilation of Left Colic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04774E6	Dilation of Left Colic Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04774EZ	Dilation of Left Colic Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04774F6	Dilation of Left Colic Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04774FZ	Dilation of Left Colic Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04774G6	Dilation of Left Colic Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04774GZ	Dilation of Left Colic Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04774Z1	Dilation of Left Colic Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04774Z6	Dilation of Left Colic Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04774ZZ	Dilation of Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0478041	Dilation of Middle Colic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
0478046	Dilation of Middle Colic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047804Z	Dilation of Middle Colic Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0478056	Dilation of Middle Colic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047805Z	Dilation of Middle Colic Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0478066	Dilation of Middle Colic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047806Z	Dilation of Middle Colic Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0478076	Dilation of Middle Colic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047807Z	Dilation of Middle Colic Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04780D1	Dilation of Middle Colic Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04780D6	Dilation of Middle Colic Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04780DZ	Dilation of Middle Colic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04780E6	Dilation of Middle Colic Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04780EZ	Dilation of Middle Colic Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04780F6	Dilation of Middle Colic Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04780FZ	Dilation of Middle Colic Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04780G6	Dilation of Middle Colic Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04780GZ	Dilation of Middle Colic Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04780Z1	Dilation of Middle Colic Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04780Z6	Dilation of Middle Colic Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04780ZZ	Dilation of Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS
0478341	Dilation of Middle Colic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
0478346	Dilation of Middle Colic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047834Z	Dilation of Middle Colic Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0478356	Dilation of Middle Colic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047835Z	Dilation of Middle Colic Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0478366	Dilation of Middle Colic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047836Z	Dilation of Middle Colic Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0478376	Dilation of Middle Colic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047837Z	Dilation of Middle Colic Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04783D1	Dilation of Middle Colic Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04783D6	Dilation of Middle Colic Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04783DZ	Dilation of Middle Colic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04783E6	Dilation of Middle Colic Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04783EZ	Dilation of Middle Colic Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04783F6	Dilation of Middle Colic Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04783FZ	Dilation of Middle Colic Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04783G6	Dilation of Middle Colic Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04783GZ	Dilation of Middle Colic Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04783Z1	Dilation of Middle Colic Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04783Z6	Dilation of Middle Colic Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04783ZZ	Dilation of Middle Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
0478441	Dilation of Middle Colic Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0478446	Dilation of Middle Colic Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047844Z	Dilation of Middle Colic Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0478456	Dilation of Middle Colic Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047845Z	Dilation of Middle Colic Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0478466	Dilation of Middle Colic Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047846Z	Dilation of Middle Colic Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0478476	Dilation of Middle Colic Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047847Z	Dilation of Middle Colic Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04784D1	Dilation of Middle Colic Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04784D6	Dilation of Middle Colic Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04784DZ	Dilation of Middle Colic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04784E6	Dilation of Middle Colic Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04784EZ	Dilation of Middle Colic Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04784F6	Dilation of Middle Colic Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04784FZ	Dilation of Middle Colic Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04784G6	Dilation of Middle Colic Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04784GZ	Dilation of Middle Colic Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04784Z1	Dilation of Middle Colic Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04784Z6	Dilation of Middle Colic Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04784ZZ	Dilation of Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0479041	Dilation of Right Renal Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
0479046	Dilation of Right Renal Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047904Z	Dilation of Right Renal Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0479056	Dilation of Right Renal Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047905Z	Dilation of Right Renal Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0479066	Dilation of Right Renal Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047906Z	Dilation of Right Renal Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0479076	Dilation of Right Renal Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047907Z	Dilation of Right Renal Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04790D1	Dilation of Right Renal Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04790D6	Dilation of Right Renal Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04790DZ	Dilation of Right Renal Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04790E6	Dilation of Right Renal Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04790EZ	Dilation of Right Renal Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04790F6	Dilation of Right Renal Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04790FZ	Dilation of Right Renal Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04790G6	Dilation of Right Renal Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
04790GZ	Dilation of Right Renal Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04790Z1	Dilation of Right Renal Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
04790Z6	Dilation of Right Renal Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04790ZZ	Dilation of Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
0479341	Dilation of Right Renal Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
0479346	Dilation of Right Renal Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047934Z	Dilation of Right Renal Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0479356	Dilation of Right Renal Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047935Z	Dilation of Right Renal Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0479366	Dilation of Right Renal Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047936Z	Dilation of Right Renal Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0479376	Dilation of Right Renal Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047937Z	Dilation of Right Renal Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04793D1	Dilation of Right Renal Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04793D6	Dilation of Right Renal Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04793DZ	Dilation of Right Renal Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04793E6	Dilation of Right Renal Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04793EZ	Dilation of Right Renal Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04793F6	Dilation of Right Renal Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04793FZ	Dilation of Right Renal Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04793G6	Dilation of Right Renal Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04793GZ	Dilation of Right Renal Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
04793Z1	Dilation of Right Renal Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
04793Z6	Dilation of Right Renal Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04793ZZ	Dilation of Right Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0479441	Dilation of Right Renal Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0479446	Dilation of Right Renal Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047944Z	Dilation of Right Renal Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0479456	Dilation of Right Renal Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047945Z	Dilation of Right Renal Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0479466	Dilation of Right Renal Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047946Z	Dilation of Right Renal Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0479476	Dilation of Right Renal Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047947Z	Dilation of Right Renal Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794D1	Dilation of Right Renal Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794D6	Dilation of Right Renal Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794DZ	Dilation of Right Renal Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794E6	Dilation of Right Renal Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794EZ	Dilation of Right Renal Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794F6	Dilation of Right Renal Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794FZ	Dilation of Right Renal Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794G6	Dilation of Right Renal Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794GZ	Dilation of Right Renal Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794Z1	Dilation of Right Renal Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794Z6	Dilation of Right Renal Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04794ZZ	Dilation of Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A041	Dilation of Left Renal Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047A046	Dilation of Left Renal Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047A04Z	Dilation of Left Renal Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047A056	Dilation of Left Renal Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A05Z	Dilation of Left Renal Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A066	Dilation of Left Renal Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A06Z	Dilation of Left Renal Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A076	Dilation of Left Renal Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A07Z	Dilation of Left Renal Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A0D1	Dilation of Left Renal Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047A0D6	Dilation of Left Renal Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047A0DZ	Dilation of Left Renal Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047A0E6	Dilation of Left Renal Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A0EZ	Dilation of Left Renal Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A0F6	Dilation of Left Renal Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A0FZ	Dilation of Left Renal Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A0G6	Dilation of Left Renal Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A0GZ	Dilation of Left Renal Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047A0Z1	Dilation of Left Renal Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047A0Z6	Dilation of Left Renal Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
047A0ZZ	Dilation of Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
047A341	Dilation of Left Renal Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047A346	Dilation of Left Renal Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047A34Z	Dilation of Left Renal Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047A356	Dilation of Left Renal Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A35Z	Dilation of Left Renal Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A366	Dilation of Left Renal Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A36Z	Dilation of Left Renal Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A376	Dilation of Left Renal Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A37Z	Dilation of Left Renal Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A3D1	Dilation of Left Renal Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047A3D6	Dilation of Left Renal Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047A3DZ	Dilation of Left Renal Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047A3E6	Dilation of Left Renal Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A3EZ	Dilation of Left Renal Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A3F6	Dilation of Left Renal Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A3FZ	Dilation of Left Renal Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A3G6	Dilation of Left Renal Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A3GZ	Dilation of Left Renal Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047A3Z1	Dilation of Left Renal Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047A3Z6	Dilation of Left Renal Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
047A3ZZ	Dilation of Left Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
047A441	Dilation of Left Renal Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A446	Dilation of Left Renal Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A44Z	Dilation of Left Renal Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A456	Dilation of Left Renal Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A45Z	Dilation of Left Renal Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047A466	Dilation of Left Renal Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A46Z	Dilation of Left Renal Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A476	Dilation of Left Renal Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A47Z	Dilation of Left Renal Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4D1	Dilation of Left Renal Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4D6	Dilation of Left Renal Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4DZ	Dilation of Left Renal Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4E6	Dilation of Left Renal Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4EZ	Dilation of Left Renal Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4F6	Dilation of Left Renal Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4FZ	Dilation of Left Renal Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4G6	Dilation of Left Renal Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4GZ	Dilation of Left Renal Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4Z1	Dilation of Left Renal Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4Z6	Dilation of Left Renal Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047A4ZZ	Dilation of Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B041	Dilation of Inferior Mesenteric Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047B046	Dilation of Inferior Mesenteric Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047B04Z	Dilation of Inferior Mesenteric Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047B056	Dilation of Inferior Mesenteric Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047B05Z	Dilation of Inferior Mesenteric Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047B066	Dilation of Inferior Mesenteric Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047B06Z	Dilation of Inferior Mesenteric Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047B076	Dilation of Inferior Mesenteric Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047B07Z	Dilation of Inferior Mesenteric Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047B0D1	Dilation of Inferior Mesenteric Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047B0D6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047B0DZ	Dilation of Inferior Mesenteric Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047B0E6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047B0EZ	Dilation of Inferior Mesenteric Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047B0F6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047B0FZ	Dilation of Inferior Mesenteric Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047B0G6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047B0GZ	Dilation of Inferior Mesenteric Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047B0Z1	Dilation of Inferior Mesenteric Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047B0Z6	Dilation of Inferior Mesenteric Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
047B0ZZ	Dilation of Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
047B341	Dilation of Inferior Mesenteric Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047B346	Dilation of Inferior Mesenteric Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047B34Z	Dilation of Inferior Mesenteric Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047B356	Dilation of Inferior Mesenteric Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047B35Z	Dilation of Inferior Mesenteric Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047B366	Dilation of Inferior Mesenteric Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047B36Z	Dilation of Inferior Mesenteric Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047B376	Dilation of Inferior Mesenteric Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047B37Z	Dilation of Inferior Mesenteric Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047B3D1	Dilation of Inferior Mesenteric Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047B3D6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047B3DZ	Dilation of Inferior Mesenteric Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047B3E6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047B3EZ	Dilation of Inferior Mesenteric Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047B3F6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047B3FZ	Dilation of Inferior Mesenteric Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047B3G6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047B3GZ	Dilation of Inferior Mesenteric Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047B3Z1	Dilation of Inferior Mesenteric Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047B3Z6	Dilation of Inferior Mesenteric Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
047B3ZZ	Dilation of Inferior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
047B441	Dilation of Inferior Mesenteric Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B446	Dilation of Inferior Mesenteric Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B44Z	Dilation of Inferior Mesenteric Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B456	Dilation of Inferior Mesenteric Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B45Z	Dilation of Inferior Mesenteric Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B466	Dilation of Inferior Mesenteric Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B46Z	Dilation of Inferior Mesenteric Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
047B476	Dilation of Inferior Mesenteric Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B47Z	Dilation of Inferior Mesenteric Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4D1	Dilation of Inferior Mesenteric Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4D6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4DZ	Dilation of Inferior Mesenteric Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4E6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4EZ	Dilation of Inferior Mesenteric Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4F6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4FZ	Dilation of Inferior Mesenteric Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4G6	Dilation of Inferior Mesenteric Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4GZ	Dilation of Inferior Mesenteric Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4Z1	Dilation of Inferior Mesenteric Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4Z6	Dilation of Inferior Mesenteric Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047B4ZZ	Dilation of Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C041	Dilation of Right Common Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047C046	Dilation of Right Common Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047C04Z	Dilation of Right Common Iliac Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047C056	Dilation of Right Common Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047C05Z	Dilation of Right Common Iliac Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047C066	Dilation of Right Common Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047C06Z	Dilation of Right Common Iliac Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047C076	Dilation of Right Common Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047C07Z	Dilation of Right Common Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047C0D1	Dilation of Right Common Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047C0D6	Dilation of Right Common Iliac Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047C0DZ	Dilation of Right Common Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047C0E6	Dilation of Right Common Iliac Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047C0EZ	Dilation of Right Common Iliac Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047C0F6	Dilation of Right Common Iliac Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047C0FZ	Dilation of Right Common Iliac Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047C0G6	Dilation of Right Common Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047C0GZ	Dilation of Right Common Iliac Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047C0Z1	Dilation of Right Common Iliac Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047C0Z6	Dilation of Right Common Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
047C0ZZ	Dilation of Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
047C341	Dilation of Right Common Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047C346	Dilation of Right Common Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047C34Z	Dilation of Right Common Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047C356	Dilation of Right Common Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047C35Z	Dilation of Right Common Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047C366	Dilation of Right Common Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047C36Z	Dilation of Right Common Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047C376	Dilation of Right Common Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047C37Z	Dilation of Right Common Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047C3D1	Dilation of Right Common Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047C3D6	Dilation of Right Common Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047C3DZ	Dilation of Right Common Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047C3E6	Dilation of Right Common Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047C3EZ	Dilation of Right Common Iliac Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047C3F6	Dilation of Right Common Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047C3FZ	Dilation of Right Common Iliac Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047C3G6	Dilation of Right Common Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047C3GZ	Dilation of Right Common Iliac Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047C3Z1	Dilation of Right Common Iliac Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047C3Z6	Dilation of Right Common Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
047C3ZZ	Dilation of Right Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
047C441	Dilation of Right Common Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C446	Dilation of Right Common Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C44Z	Dilation of Right Common Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C456	Dilation of Right Common Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C45Z	Dilation of Right Common Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C466	Dilation of Right Common Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C46Z	Dilation of Right Common Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C476	Dilation of Right Common Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047C47Z	Dilation of Right Common Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4D1	Dilation of Right Common Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4D6	Dilation of Right Common Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4DZ	Dilation of Right Common Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4E6	Dilation of Right Common Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4EZ	Dilation of Right Common Iliac Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4F6	Dilation of Right Common Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4FZ	Dilation of Right Common Iliac Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4G6	Dilation of Right Common Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4GZ	Dilation of Right Common Iliac Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4Z1	Dilation of Right Common Iliac Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4Z6	Dilation of Right Common Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047C4ZZ	Dilation of Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D041	Dilation of Left Common Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047D046	Dilation of Left Common Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047D04Z	Dilation of Left Common Iliac Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047D056	Dilation of Left Common Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047D05Z	Dilation of Left Common Iliac Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047D066	Dilation of Left Common Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047D06Z	Dilation of Left Common Iliac Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047D076	Dilation of Left Common Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047D07Z	Dilation of Left Common Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047D0D1	Dilation of Left Common Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047D0D6	Dilation of Left Common Iliac Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047D0DZ	Dilation of Left Common Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047D0E6	Dilation of Left Common Iliac Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047D0EZ	Dilation of Left Common Iliac Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047D0F6	Dilation of Left Common Iliac Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047D0FZ	Dilation of Left Common Iliac Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047D0G6	Dilation of Left Common Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047D0GZ	Dilation of Left Common Iliac Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047D0Z1	Dilation of Left Common Iliac Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047D0Z6	Dilation of Left Common Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
047D0ZZ	Dilation of Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
047D341	Dilation of Left Common Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047D346	Dilation of Left Common Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047D34Z	Dilation of Left Common Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047D356	Dilation of Left Common Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D35Z	Dilation of Left Common Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D366	Dilation of Left Common Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D36Z	Dilation of Left Common Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D376	Dilation of Left Common Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D37Z	Dilation of Left Common Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D3D1	Dilation of Left Common Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047D3D6	Dilation of Left Common Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047D3DZ	Dilation of Left Common Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047D3E6	Dilation of Left Common Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D3EZ	Dilation of Left Common Iliac Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D3F6	Dilation of Left Common Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D3FZ	Dilation of Left Common Iliac Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D3G6	Dilation of Left Common Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D3GZ	Dilation of Left Common Iliac Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047D3Z1	Dilation of Left Common Iliac Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047D3Z6	Dilation of Left Common Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
047D3ZZ	Dilation of Left Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
047D441	Dilation of Left Common Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D446	Dilation of Left Common Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D44Z	Dilation of Left Common Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D456	Dilation of Left Common Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D45Z	Dilation of Left Common Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D466	Dilation of Left Common Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D46Z	Dilation of Left Common Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D476	Dilation of Left Common Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D47Z	Dilation of Left Common Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D4D1	Dilation of Left Common Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D4D6	Dilation of Left Common Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047D4DZ	Dilation of Left Common Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D4E6	Dilation of Left Common Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D4EZ	Dilation of Left Common Iliac Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D4F6	Dilation of Left Common Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D4FZ	Dilation of Left Common Iliac Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D4G6	Dilation of Left Common Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D4GZ	Dilation of Left Common Iliac Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D4Z1	Dilation of Left Common Iliac Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D4Z6	Dilation of Left Common Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047D4ZZ	Dilation of Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E041	Dilation of Right Internal Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047E046	Dilation of Right Internal Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047E04Z	Dilation of Right Internal Iliac Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047E056	Dilation of Right Internal Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E05Z	Dilation of Right Internal Iliac Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E066	Dilation of Right Internal Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E06Z	Dilation of Right Internal Iliac Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E076	Dilation of Right Internal Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E07Z	Dilation of Right Internal Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E0D1	Dilation of Right Internal Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047E0D6	Dilation of Right Internal Iliac Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047E0DZ	Dilation of Right Internal Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047E0E6	Dilation of Right Internal Iliac Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E0EZ	Dilation of Right Internal Iliac Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E0F6	Dilation of Right Internal Iliac Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E0FZ	Dilation of Right Internal Iliac Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E0G6	Dilation of Right Internal Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E0GZ	Dilation of Right Internal Iliac Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047E0Z1	Dilation of Right Internal Iliac Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047E0Z6	Dilation of Right Internal Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
047E0ZZ	Dilation of Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
047E341	Dilation of Right Internal Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047E346	Dilation of Right Internal Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047E34Z	Dilation of Right Internal Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047E356	Dilation of Right Internal Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047E35Z	Dilation of Right Internal Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047E366	Dilation of Right Internal Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047E36Z	Dilation of Right Internal Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047E376	Dilation of Right Internal Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047E37Z	Dilation of Right Internal Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047E3D1	Dilation of Right Internal Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047E3D6	Dilation of Right Internal Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047E3DZ	Dilation of Right Internal Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047E3E6	Dilation of Right Internal Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047E3EZ	Dilation of Right Internal Iliac Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047E3F6	Dilation of Right Internal Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047E3FZ	Dilation of Right Internal Iliac Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047E3G6	Dilation of Right Internal Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047E3GZ	Dilation of Right Internal Iliac Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047E3Z1	Dilation of Right Internal Iliac Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047E3Z6	Dilation of Right Internal Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
047E3ZZ	Dilation of Right Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
047E441	Dilation of Right Internal Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E446	Dilation of Right Internal Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E44Z	Dilation of Right Internal Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E456	Dilation of Right Internal Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E45Z	Dilation of Right Internal Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E466	Dilation of Right Internal Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E46Z	Dilation of Right Internal Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E476	Dilation of Right Internal Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E47Z	Dilation of Right Internal Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E4D1	Dilation of Right Internal Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E4D6	Dilation of Right Internal Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E4DZ	Dilation of Right Internal Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E4E6	Dilation of Right Internal Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E4EZ	Dilation of Right Internal Iliac Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047E4F6	Dilation of Right Internal Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E4FZ	Dilation of Right Internal Iliac Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E4G6	Dilation of Right Internal Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E4GZ	Dilation of Right Internal Iliac Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E4Z1	Dilation of Right Internal Iliac Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E4Z6	Dilation of Right Internal Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047E4ZZ	Dilation of Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F041	Dilation of Left Internal Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047F046	Dilation of Left Internal Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047F04Z	Dilation of Left Internal Iliac Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047F056	Dilation of Left Internal Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047F05Z	Dilation of Left Internal Iliac Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047F066	Dilation of Left Internal Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047F06Z	Dilation of Left Internal Iliac Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047F076	Dilation of Left Internal Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047F07Z	Dilation of Left Internal Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047F0D1	Dilation of Left Internal Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047F0D6	Dilation of Left Internal Iliac Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047F0DZ	Dilation of Left Internal Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047F0E6	Dilation of Left Internal Iliac Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047F0EZ	Dilation of Left Internal Iliac Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047F0F6	Dilation of Left Internal Iliac Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047F0FZ	Dilation of Left Internal Iliac Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047F0G6	Dilation of Left Internal Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047F0GZ	Dilation of Left Internal Iliac Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047F0Z1	Dilation of Left Internal Iliac Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047F0Z6	Dilation of Left Internal Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
047F0ZZ	Dilation of Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
047F341	Dilation of Left Internal Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047F346	Dilation of Left Internal Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047F34Z	Dilation of Left Internal Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047F356	Dilation of Left Internal Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047F35Z	Dilation of Left Internal Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047F366	Dilation of Left Internal Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047F36Z	Dilation of Left Internal Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047F376	Dilation of Left Internal Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047F37Z	Dilation of Left Internal Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047F3D1	Dilation of Left Internal Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047F3D6	Dilation of Left Internal Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047F3DZ	Dilation of Left Internal Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047F3E6	Dilation of Left Internal Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047F3EZ	Dilation of Left Internal Iliac Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047F3F6	Dilation of Left Internal Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047F3FZ	Dilation of Left Internal Iliac Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047F3G6	Dilation of Left Internal Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047F3GZ	Dilation of Left Internal Iliac Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047F3Z1	Dilation of Left Internal Iliac Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047F3Z6	Dilation of Left Internal Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
047F3ZZ	Dilation of Left Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
047F441	Dilation of Left Internal Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F446	Dilation of Left Internal Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F44Z	Dilation of Left Internal Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F456	Dilation of Left Internal Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F45Z	Dilation of Left Internal Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F466	Dilation of Left Internal Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F46Z	Dilation of Left Internal Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F476	Dilation of Left Internal Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F47Z	Dilation of Left Internal Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F4D1	Dilation of Left Internal Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F4D6	Dilation of Left Internal Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F4DZ	Dilation of Left Internal Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F4E6	Dilation of Left Internal Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F4EZ	Dilation of Left Internal Iliac Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F4F6	Dilation of Left Internal Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F4FZ	Dilation of Left Internal Iliac Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F4G6	Dilation of Left Internal Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047F4GZ	Dilation of Left Internal Iliac Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F4Z1	Dilation of Left Internal Iliac Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F4Z6	Dilation of Left Internal Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047F4ZZ	Dilation of Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H041	Dilation of Right External Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047H046	Dilation of Right External Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047H04Z	Dilation of Right External Iliac Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047H056	Dilation of Right External Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047H05Z	Dilation of Right External Iliac Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047H066	Dilation of Right External Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047H06Z	Dilation of Right External Iliac Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047H076	Dilation of Right External Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047H07Z	Dilation of Right External Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047H0D1	Dilation of Right External Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047H0D6	Dilation of Right External Iliac Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047H0DZ	Dilation of Right External Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047H0E6	Dilation of Right External Iliac Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047H0EZ	Dilation of Right External Iliac Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047H0F6	Dilation of Right External Iliac Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047H0FZ	Dilation of Right External Iliac Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047H0G6	Dilation of Right External Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047H0GZ	Dilation of Right External Iliac Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047H0Z1	Dilation of Right External Iliac Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047H0Z6	Dilation of Right External Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
047H0ZZ	Dilation of Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
047H341	Dilation of Right External Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047H346	Dilation of Right External Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047H34Z	Dilation of Right External Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047H356	Dilation of Right External Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H35Z	Dilation of Right External Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H366	Dilation of Right External Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H36Z	Dilation of Right External Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H376	Dilation of Right External Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H37Z	Dilation of Right External Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H3D1	Dilation of Right External Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047H3D6	Dilation of Right External Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047H3DZ	Dilation of Right External Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047H3E6	Dilation of Right External Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H3EZ	Dilation of Right External Iliac Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H3F6	Dilation of Right External Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H3FZ	Dilation of Right External Iliac Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H3G6	Dilation of Right External Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H3GZ	Dilation of Right External Iliac Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047H3Z1	Dilation of Right External Iliac Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047H3Z6	Dilation of Right External Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
047H3ZZ	Dilation of Right External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
047H441	Dilation of Right External Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H446	Dilation of Right External Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H44Z	Dilation of Right External Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H456	Dilation of Right External Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H45Z	Dilation of Right External Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H466	Dilation of Right External Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H46Z	Dilation of Right External Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H476	Dilation of Right External Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H47Z	Dilation of Right External Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H4D1	Dilation of Right External Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H4D6	Dilation of Right External Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H4DZ	Dilation of Right External Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H4E6	Dilation of Right External Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H4EZ	Dilation of Right External Iliac Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H4F6	Dilation of Right External Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H4FZ	Dilation of Right External Iliac Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H4G6	Dilation of Right External Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H4GZ	Dilation of Right External Iliac Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H4Z1	Dilation of Right External Iliac Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047H4Z6	Dilation of Right External Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047H4ZZ	Dilation of Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J041	Dilation of Left External Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047J046	Dilation of Left External Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047J04Z	Dilation of Left External Iliac Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047J056	Dilation of Left External Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J05Z	Dilation of Left External Iliac Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J066	Dilation of Left External Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J06Z	Dilation of Left External Iliac Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J076	Dilation of Left External Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J07Z	Dilation of Left External Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J0D1	Dilation of Left External Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047J0D6	Dilation of Left External Iliac Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047J0DZ	Dilation of Left External Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
047J0E6	Dilation of Left External Iliac Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J0EZ	Dilation of Left External Iliac Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J0F6	Dilation of Left External Iliac Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J0FZ	Dilation of Left External Iliac Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J0G6	Dilation of Left External Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J0GZ	Dilation of Left External Iliac Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
047J0Z1	Dilation of Left External Iliac Artery using Drug-Coated Balloon, Open Approach	Procedure	ICD-10-PCS
047J0Z6	Dilation of Left External Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
047J0ZZ	Dilation of Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047J341	Dilation of Left External Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047J346	Dilation of Left External Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047J34Z	Dilation of Left External Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047J356	Dilation of Left External Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J35Z	Dilation of Left External Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J366	Dilation of Left External Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J36Z	Dilation of Left External Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J376	Dilation of Left External Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J37Z	Dilation of Left External Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J3D1	Dilation of Left External Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047J3D6	Dilation of Left External Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047J3DZ	Dilation of Left External Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
047J3E6	Dilation of Left External Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J3EZ	Dilation of Left External Iliac Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J3F6	Dilation of Left External Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J3FZ	Dilation of Left External Iliac Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J3G6	Dilation of Left External Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J3GZ	Dilation of Left External Iliac Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
047J3Z1	Dilation of Left External Iliac Artery using Drug-Coated Balloon, Percutaneous Approach	Procedure	ICD-10-PCS
047J3Z6	Dilation of Left External Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
047J3ZZ	Dilation of Left External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
047J441	Dilation of Left External Iliac Artery with Drug-eluting Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
047J446	Dilation of Left External Iliac Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J44Z	Dilation of Left External Iliac Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J456	Dilation of Left External Iliac Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J45Z	Dilation of Left External Iliac Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J466	Dilation of Left External Iliac Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J46Z	Dilation of Left External Iliac Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J476	Dilation of Left External Iliac Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J47Z	Dilation of Left External Iliac Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4D1	Dilation of Left External Iliac Artery with Intraluminal Device, using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4D6	Dilation of Left External Iliac Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4DZ	Dilation of Left External Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4E6	Dilation of Left External Iliac Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4EZ	Dilation of Left External Iliac Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4F6	Dilation of Left External Iliac Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4FZ	Dilation of Left External Iliac Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4G6	Dilation of Left External Iliac Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4GZ	Dilation of Left External Iliac Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4Z1	Dilation of Left External Iliac Artery using Drug-Coated Balloon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4Z6	Dilation of Left External Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
047J4ZZ	Dilation of Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049000Z	Drainage of Abdominal Aorta with Drainage Device, Open Approach	Procedure	ICD-10-PCS
04900ZZ	Drainage of Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
049040Z	Drainage of Abdominal Aorta with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04904ZZ	Drainage of Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049100Z	Drainage of Celiac Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
04910ZZ	Drainage of Celiac Artery, Open Approach	Procedure	ICD-10-PCS
049140Z	Drainage of Celiac Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04914ZZ	Drainage of Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049200Z	Drainage of Gastric Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
04920ZZ	Drainage of Gastric Artery, Open Approach	Procedure	ICD-10-PCS
049240Z	Drainage of Gastric Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04924ZZ	Drainage of Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049300Z	Drainage of Hepatic Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
04930ZZ	Drainage of Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
049340Z	Drainage of Hepatic Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04934ZZ	Drainage of Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049400Z	Drainage of Splenic Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
04940ZZ	Drainage of Splenic Artery, Open Approach	Procedure	ICD-10-PCS
049440Z	Drainage of Splenic Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04944ZZ	Drainage of Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049500Z	Drainage of Superior Mesenteric Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
04950ZZ	Drainage of Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
049540Z	Drainage of Superior Mesenteric Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04954ZZ	Drainage of Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049600Z	Drainage of Right Colic Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
04960ZZ	Drainage of Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
049640Z	Drainage of Right Colic Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04964ZZ	Drainage of Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049700Z	Drainage of Left Colic Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
04970ZZ	Drainage of Left Colic Artery, Open Approach	Procedure	ICD-10-PCS
049740Z	Drainage of Left Colic Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04974ZZ	Drainage of Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049800Z	Drainage of Middle Colic Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
04980ZZ	Drainage of Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
049840Z	Drainage of Middle Colic Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04984ZZ	Drainage of Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049900Z	Drainage of Right Renal Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
04990ZZ	Drainage of Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
049940Z	Drainage of Right Renal Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04994ZZ	Drainage of Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049A00Z	Drainage of Left Renal Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
049A0ZZ	Drainage of Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
049A40Z	Drainage of Left Renal Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049A4ZZ	Drainage of Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049B00Z	Drainage of Inferior Mesenteric Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
049B0ZZ	Drainage of Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
049B40Z	Drainage of Inferior Mesenteric Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049B4ZZ	Drainage of Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049C00Z	Drainage of Right Common Iliac Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
049C0ZZ	Drainage of Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
049C40Z	Drainage of Right Common Iliac Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049C4ZZ	Drainage of Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049D00Z	Drainage of Left Common Iliac Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
049D0ZZ	Drainage of Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
049D40Z	Drainage of Left Common Iliac Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049D4ZZ	Drainage of Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049E00Z	Drainage of Right Internal Iliac Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
049E0ZZ	Drainage of Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
049E40Z	Drainage of Right Internal Iliac Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
049E4ZZ	Drainage of Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049F00Z	Drainage of Left Internal Iliac Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
049F0ZZ	Drainage of Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
049F40Z	Drainage of Left Internal Iliac Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049F4ZZ	Drainage of Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049H00Z	Drainage of Right External Iliac Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
049H0ZZ	Drainage of Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
049H40Z	Drainage of Right External Iliac Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049H4ZZ	Drainage of Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049J00Z	Drainage of Left External Iliac Artery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
049J0ZZ	Drainage of Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
049J40Z	Drainage of Left External Iliac Artery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
049J4ZZ	Drainage of Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04B00ZZ	Excision of Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
04B03ZZ	Excision of Abdominal Aorta, Percutaneous Approach	Procedure	ICD-10-PCS
04B04ZZ	Excision of Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04B10ZZ	Excision of Celiac Artery, Open Approach	Procedure	ICD-10-PCS
04B13ZZ	Excision of Celiac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04B14ZZ	Excision of Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04B20ZZ	Excision of Gastric Artery, Open Approach	Procedure	ICD-10-PCS
04B23ZZ	Excision of Gastric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04B24ZZ	Excision of Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04B30ZZ	Excision of Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
04B33ZZ	Excision of Hepatic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04B34ZZ	Excision of Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04B40ZZ	Excision of Splenic Artery, Open Approach	Procedure	ICD-10-PCS
04B43ZZ	Excision of Splenic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04B44ZZ	Excision of Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04B50ZZ	Excision of Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04B53ZZ	Excision of Superior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04B54ZZ	Excision of Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04B60ZZ	Excision of Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
04B63ZZ	Excision of Right Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04B64ZZ	Excision of Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04B70ZZ	Excision of Left Colic Artery, Open Approach	Procedure	ICD-10-PCS
04B73ZZ	Excision of Left Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04B74ZZ	Excision of Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04B80ZZ	Excision of Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS
04B83ZZ	Excision of Middle Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04B84ZZ	Excision of Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04B90ZZ	Excision of Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04B93ZZ	Excision of Right Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04B94ZZ	Excision of Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04BA0ZZ	Excision of Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04BA3ZZ	Excision of Left Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04BA4ZZ	Excision of Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04BB0ZZ	Excision of Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04BB3ZZ	Excision of Inferior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04BB4ZZ	Excision of Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04BC0ZZ	Excision of Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04BC3ZZ	Excision of Right Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04BC4ZZ	Excision of Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04BD0ZZ	Excision of Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04BD3ZZ	Excision of Left Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04BD4ZZ	Excision of Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04BE0ZZ	Excision of Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04BE3ZZ	Excision of Right Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04BE4ZZ	Excision of Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04BF0ZZ	Excision of Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04BF3ZZ	Excision of Left Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04BF4ZZ	Excision of Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04BH0ZZ	Excision of Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04BH3ZZ	Excision of Right External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04BH4ZZ	Excision of Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04BJ0ZZ	Excision of Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04BJ3ZZ	Excision of Left External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04BJ4ZZ	Excision of Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C00Z6	Extirpation of Matter from Abdominal Aorta, Bifurcation, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04C00ZZ	Extirpation of Matter from Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
04C03Z6	Extirpation of Matter from Abdominal Aorta, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04C03ZZ	Extirpation of Matter from Abdominal Aorta, Percutaneous Approach	Procedure	ICD-10-PCS
04C04Z6	Extirpation of Matter from Abdominal Aorta, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C04ZZ	Extirpation of Matter from Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C10Z6	Extirpation of Matter from Celiac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04C10ZZ	Extirpation of Matter from Celiac Artery, Open Approach	Procedure	ICD-10-PCS
04C13Z6	Extirpation of Matter from Celiac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04C13ZZ	Extirpation of Matter from Celiac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04C14Z6	Extirpation of Matter from Celiac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C14ZZ	Extirpation of Matter from Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C20Z6	Extirpation of Matter from Gastric Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04C20ZZ	Extirpation of Matter from Gastric Artery, Open Approach	Procedure	ICD-10-PCS
04C23Z6	Extirpation of Matter from Gastric Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04C23ZZ	Extirpation of Matter from Gastric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04C24Z6	Extirpation of Matter from Gastric Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C24ZZ	Extirpation of Matter from Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C30Z6	Extirpation of Matter from Hepatic Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04C30ZZ	Extirpation of Matter from Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
04C33Z6	Extirpation of Matter from Hepatic Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04C33ZZ	Extirpation of Matter from Hepatic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04C34Z6	Extirpation of Matter from Hepatic Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C34ZZ	Extirpation of Matter from Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C40Z6	Extirpation of Matter from Splenic Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04C40ZZ	Extirpation of Matter from Splenic Artery, Open Approach	Procedure	ICD-10-PCS
04C43Z6	Extirpation of Matter from Splenic Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04C43ZZ	Extirpation of Matter from Splenic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04C44Z6	Extirpation of Matter from Splenic Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C44ZZ	Extirpation of Matter from Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C50Z6	Extirpation of Matter from Superior Mesenteric Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04C50ZZ	Extirpation of Matter from Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04C53Z6	Extirpation of Matter from Superior Mesenteric Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04C53ZZ	Extirpation of Matter from Superior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04C54Z6	Extirpation of Matter from Superior Mesenteric Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C54ZZ	Extirpation of Matter from Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C60Z6	Extirpation of Matter from Right Colic Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04C60ZZ	Extirpation of Matter from Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
04C63Z6	Extirpation of Matter from Right Colic Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04C63ZZ	Extirpation of Matter from Right Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04C64Z6	Extirpation of Matter from Right Colic Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C64ZZ	Extirpation of Matter from Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C70Z6	Extirpation of Matter from Left Colic Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04C70ZZ	Extirpation of Matter from Left Colic Artery, Open Approach	Procedure	ICD-10-PCS
04C73Z6	Extirpation of Matter from Left Colic Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04C73ZZ	Extirpation of Matter from Left Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04C74Z6	Extirpation of Matter from Left Colic Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C74ZZ	Extirpation of Matter from Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C80Z6	Extirpation of Matter from Middle Colic Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04C80ZZ	Extirpation of Matter from Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS
04C83Z6	Extirpation of Matter from Middle Colic Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04C83ZZ	Extirpation of Matter from Middle Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04C84Z6	Extirpation of Matter from Middle Colic Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C84ZZ	Extirpation of Matter from Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C90Z6	Extirpation of Matter from Right Renal Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04C90ZZ	Extirpation of Matter from Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04C93Z6	Extirpation of Matter from Right Renal Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04C93ZZ	Extirpation of Matter from Right Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04C94Z6	Extirpation of Matter from Right Renal Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04C94ZZ	Extirpation of Matter from Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CA0Z6	Extirpation of Matter from Left Renal Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04CA0ZZ	Extirpation of Matter from Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04CA3Z6	Extirpation of Matter from Left Renal Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04CA3ZZ	Extirpation of Matter from Left Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04CA4Z6	Extirpation of Matter from Left Renal Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CA4ZZ	Extirpation of Matter from Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CB0Z6	Extirpation of Matter from Inferior Mesenteric Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04CB0ZZ	Extirpation of Matter from Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04CB3Z6	Extirpation of Matter from Inferior Mesenteric Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04CB3ZZ	Extirpation of Matter from Inferior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04CB4Z6	Extirpation of Matter from Inferior Mesenteric Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CB4ZZ	Extirpation of Matter from Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CC0Z6	Extirpation of Matter from Right Common Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04CC0ZZ	Extirpation of Matter from Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04CC3Z6	Extirpation of Matter from Right Common Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04CC3ZZ	Extirpation of Matter from Right Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04CC4Z6	Extirpation of Matter from Right Common Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CC4ZZ	Extirpation of Matter from Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CD0Z6	Extirpation of Matter from Left Common Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04CD0ZZ	Extirpation of Matter from Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04CD3Z6	Extirpation of Matter from Left Common Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04CD3ZZ	Extirpation of Matter from Left Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04CD4Z6	Extirpation of Matter from Left Common Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CD4ZZ	Extirpation of Matter from Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CE0Z6	Extirpation of Matter from Right Internal Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04CE0ZZ	Extirpation of Matter from Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04CE3Z6	Extirpation of Matter from Right Internal Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04CE3ZZ	Extirpation of Matter from Right Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04CE4Z6	Extirpation of Matter from Right Internal Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CE4ZZ	Extirpation of Matter from Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CF0Z6	Extirpation of Matter from Left Internal Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04CF0ZZ	Extirpation of Matter from Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04CF3Z6	Extirpation of Matter from Left Internal Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04CF3ZZ	Extirpation of Matter from Left Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04CF4Z6	Extirpation of Matter from Left Internal Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CF4ZZ	Extirpation of Matter from Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04CH0Z6	Extirpation of Matter from Right External Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04CH0ZZ	Extirpation of Matter from Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04CH3Z6	Extirpation of Matter from Right External Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04CH3ZZ	Extirpation of Matter from Right External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04CH4Z6	Extirpation of Matter from Right External Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CH4ZZ	Extirpation of Matter from Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CJ0Z6	Extirpation of Matter from Left External Iliac Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04CJ0ZZ	Extirpation of Matter from Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04CJ3Z6	Extirpation of Matter from Left External Iliac Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04CJ3ZZ	Extirpation of Matter from Left External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04CJ4Z6	Extirpation of Matter from Left External Iliac Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04CJ4ZZ	Extirpation of Matter from Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H003Z	Insertion of Infusion Device into Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
04H00DZ	Insertion of Intraluminal Device into Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
04H03DZ	Insertion of Intraluminal Device into Abdominal Aorta, Percutaneous Approach	Procedure	ICD-10-PCS
04H043Z	Insertion of Infusion Device into Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H04DZ	Insertion of Intraluminal Device into Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H103Z	Insertion of Infusion Device into Celiac Artery, Open Approach	Procedure	ICD-10-PCS
04H10DZ	Insertion of Intraluminal Device into Celiac Artery, Open Approach	Procedure	ICD-10-PCS
04H13DZ	Insertion of Intraluminal Device into Celiac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04H143Z	Insertion of Infusion Device into Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H14DZ	Insertion of Intraluminal Device into Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H203Z	Insertion of Infusion Device into Gastric Artery, Open Approach	Procedure	ICD-10-PCS
04H20DZ	Insertion of Intraluminal Device into Gastric Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04H23DZ	Insertion of Intraluminal Device into Gastric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04H243Z	Insertion of Infusion Device into Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H24DZ	Insertion of Intraluminal Device into Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H303Z	Insertion of Infusion Device into Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
04H30DZ	Insertion of Intraluminal Device into Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
04H33DZ	Insertion of Intraluminal Device into Hepatic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04H343Z	Insertion of Infusion Device into Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H34DZ	Insertion of Intraluminal Device into Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H403Z	Insertion of Infusion Device into Splenic Artery, Open Approach	Procedure	ICD-10-PCS
04H40DZ	Insertion of Intraluminal Device into Splenic Artery, Open Approach	Procedure	ICD-10-PCS
04H43DZ	Insertion of Intraluminal Device into Splenic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04H443Z	Insertion of Infusion Device into Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H44DZ	Insertion of Intraluminal Device into Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H503Z	Insertion of Infusion Device into Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04H50DZ	Insertion of Intraluminal Device into Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04H53DZ	Insertion of Intraluminal Device into Superior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04H543Z	Insertion of Infusion Device into Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H54DZ	Insertion of Intraluminal Device into Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H603Z	Insertion of Infusion Device into Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
04H60DZ	Insertion of Intraluminal Device into Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
04H63DZ	Insertion of Intraluminal Device into Right Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04H643Z	Insertion of Infusion Device into Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H64DZ	Insertion of Intraluminal Device into Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H703Z	Insertion of Infusion Device into Left Colic Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04H70DZ	Insertion of Intraluminal Device into Left Colic Artery, Open Approach	Procedure	ICD-10-PCS
04H73DZ	Insertion of Intraluminal Device into Left Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04H743Z	Insertion of Infusion Device into Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H74DZ	Insertion of Intraluminal Device into Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H803Z	Insertion of Infusion Device into Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS
04H80DZ	Insertion of Intraluminal Device into Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS
04H83DZ	Insertion of Intraluminal Device into Middle Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04H843Z	Insertion of Infusion Device into Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H84DZ	Insertion of Intraluminal Device into Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H903Z	Insertion of Infusion Device into Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04H90DZ	Insertion of Intraluminal Device into Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04H93DZ	Insertion of Intraluminal Device into Right Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04H943Z	Insertion of Infusion Device into Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04H94DZ	Insertion of Intraluminal Device into Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HA03Z	Insertion of Infusion Device into Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04HA0DZ	Insertion of Intraluminal Device into Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04HA3DZ	Insertion of Intraluminal Device into Left Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04HA43Z	Insertion of Infusion Device into Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HA4DZ	Insertion of Intraluminal Device into Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HB03Z	Insertion of Infusion Device into Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04HB0DZ	Insertion of Intraluminal Device into Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04HB3DZ	Insertion of Intraluminal Device into Inferior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04HB43Z	Insertion of Infusion Device into Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HB4DZ	Insertion of Intraluminal Device into Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HC03Z	Insertion of Infusion Device into Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HC0DZ	Insertion of Intraluminal Device into Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HC3DZ	Insertion of Intraluminal Device into Right Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04HC43Z	Insertion of Infusion Device into Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HC4DZ	Insertion of Intraluminal Device into Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HD03Z	Insertion of Infusion Device into Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HD0DZ	Insertion of Intraluminal Device into Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HD3DZ	Insertion of Intraluminal Device into Left Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04HD43Z	Insertion of Infusion Device into Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HD4DZ	Insertion of Intraluminal Device into Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HE03Z	Insertion of Infusion Device into Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HE0DZ	Insertion of Intraluminal Device into Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HE3DZ	Insertion of Intraluminal Device into Right Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04HE43Z	Insertion of Infusion Device into Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HE4DZ	Insertion of Intraluminal Device into Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HF03Z	Insertion of Infusion Device into Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HF0DZ	Insertion of Intraluminal Device into Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HF3DZ	Insertion of Intraluminal Device into Left Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04HF43Z	Insertion of Infusion Device into Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HF4DZ	Insertion of Intraluminal Device into Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04HH03Z	Insertion of Infusion Device into Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HH0DZ	Insertion of Intraluminal Device into Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HH3DZ	Insertion of Intraluminal Device into Right External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04HH43Z	Insertion of Infusion Device into Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HH4DZ	Insertion of Intraluminal Device into Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HJ03Z	Insertion of Infusion Device into Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HJ0DZ	Insertion of Intraluminal Device into Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04HJ3DZ	Insertion of Intraluminal Device into Left External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04HJ43Z	Insertion of Infusion Device into Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04HJ4DZ	Insertion of Intraluminal Device into Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L00CZ	Occlusion of Abdominal Aorta with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L00DJ	Occlusion of Abdominal Aorta with Intraluminal Device, Temporary, Open Approach	Procedure	ICD-10-PCS
04L00DZ	Occlusion of Abdominal Aorta with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L00ZZ	Occlusion of Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
04L03CZ	Occlusion of Abdominal Aorta with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L03DZ	Occlusion of Abdominal Aorta with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L03ZZ	Occlusion of Abdominal Aorta, Percutaneous Approach	Procedure	ICD-10-PCS
04L04CZ	Occlusion of Abdominal Aorta with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L04DZ	Occlusion of Abdominal Aorta with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L04ZZ	Occlusion of Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L10CZ	Occlusion of Celiac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L10DZ	Occlusion of Celiac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L10ZZ	Occlusion of Celiac Artery, Open Approach	Procedure	ICD-10-PCS
04L13CZ	Occlusion of Celiac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04L13DZ	Occlusion of Celiac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L13ZZ	Occlusion of Celiac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04L14CZ	Occlusion of Celiac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L14DZ	Occlusion of Celiac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L14ZZ	Occlusion of Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L20CZ	Occlusion of Gastric Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L20DZ	Occlusion of Gastric Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L20ZZ	Occlusion of Gastric Artery, Open Approach	Procedure	ICD-10-PCS
04L23CZ	Occlusion of Gastric Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L23DZ	Occlusion of Gastric Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L23ZZ	Occlusion of Gastric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04L24CZ	Occlusion of Gastric Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L24DZ	Occlusion of Gastric Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L24ZZ	Occlusion of Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L30CZ	Occlusion of Hepatic Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L30DZ	Occlusion of Hepatic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L30ZZ	Occlusion of Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
04L33CZ	Occlusion of Hepatic Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L33DZ	Occlusion of Hepatic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L33ZZ	Occlusion of Hepatic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04L34CZ	Occlusion of Hepatic Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L34DZ	Occlusion of Hepatic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L34ZZ	Occlusion of Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L40CZ	Occlusion of Splenic Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L40DZ	Occlusion of Splenic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L40ZZ	Occlusion of Splenic Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04L43CZ	Occlusion of Splenic Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L43DZ	Occlusion of Splenic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L43ZZ	Occlusion of Splenic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04L44CZ	Occlusion of Splenic Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L44DZ	Occlusion of Splenic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L44ZZ	Occlusion of Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L50CZ	Occlusion of Superior Mesenteric Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L50DZ	Occlusion of Superior Mesenteric Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L50ZZ	Occlusion of Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04L53CZ	Occlusion of Superior Mesenteric Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L53DZ	Occlusion of Superior Mesenteric Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L53ZZ	Occlusion of Superior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04L54CZ	Occlusion of Superior Mesenteric Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L54DZ	Occlusion of Superior Mesenteric Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L54ZZ	Occlusion of Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L60CZ	Occlusion of Right Colic Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L60DZ	Occlusion of Right Colic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L60ZZ	Occlusion of Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
04L63CZ	Occlusion of Right Colic Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L63DZ	Occlusion of Right Colic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L63ZZ	Occlusion of Right Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04L64CZ	Occlusion of Right Colic Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L64DZ	Occlusion of Right Colic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L64ZZ	Occlusion of Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L70CZ	Occlusion of Left Colic Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04L70DZ	Occlusion of Left Colic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L70ZZ	Occlusion of Left Colic Artery, Open Approach	Procedure	ICD-10-PCS
04L73CZ	Occlusion of Left Colic Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L73DZ	Occlusion of Left Colic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L73ZZ	Occlusion of Left Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04L74CZ	Occlusion of Left Colic Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L74DZ	Occlusion of Left Colic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L74ZZ	Occlusion of Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L80CZ	Occlusion of Middle Colic Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L80DZ	Occlusion of Middle Colic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L80ZZ	Occlusion of Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS
04L83CZ	Occlusion of Middle Colic Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L83DZ	Occlusion of Middle Colic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L83ZZ	Occlusion of Middle Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04L84CZ	Occlusion of Middle Colic Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L84DZ	Occlusion of Middle Colic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L84ZZ	Occlusion of Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L90CZ	Occlusion of Right Renal Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L90DZ	Occlusion of Right Renal Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04L90ZZ	Occlusion of Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04L93CZ	Occlusion of Right Renal Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L93DZ	Occlusion of Right Renal Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04L93ZZ	Occlusion of Right Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04L94CZ	Occlusion of Right Renal Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04L94DZ	Occlusion of Right Renal Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04L94ZZ	Occlusion of Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LA0CZ	Occlusion of Left Renal Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LA0DZ	Occlusion of Left Renal Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LA0ZZ	Occlusion of Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04LA3CZ	Occlusion of Left Renal Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LA3DZ	Occlusion of Left Renal Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LA3ZZ	Occlusion of Left Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04LA4CZ	Occlusion of Left Renal Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LA4DZ	Occlusion of Left Renal Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LA4ZZ	Occlusion of Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LB0CZ	Occlusion of Inferior Mesenteric Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LB0DZ	Occlusion of Inferior Mesenteric Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LB0ZZ	Occlusion of Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04LB3CZ	Occlusion of Inferior Mesenteric Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LB3DZ	Occlusion of Inferior Mesenteric Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LB3ZZ	Occlusion of Inferior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04LB4CZ	Occlusion of Inferior Mesenteric Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LB4DZ	Occlusion of Inferior Mesenteric Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LB4ZZ	Occlusion of Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LC0CZ	Occlusion of Right Common Iliac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LC0DZ	Occlusion of Right Common Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LC0ZZ	Occlusion of Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04LC3CZ	Occlusion of Right Common Iliac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LC3DZ	Occlusion of Right Common Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LC3ZZ	Occlusion of Right Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04LC4CZ	Occlusion of Right Common Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LC4DZ	Occlusion of Right Common Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LC4ZZ	Occlusion of Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LD0CZ	Occlusion of Left Common Iliac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LD0DZ	Occlusion of Left Common Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LD0ZZ	Occlusion of Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04LD3CZ	Occlusion of Left Common Iliac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LD3DZ	Occlusion of Left Common Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LD3ZZ	Occlusion of Left Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04LD4CZ	Occlusion of Left Common Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LD4DZ	Occlusion of Left Common Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LD4ZZ	Occlusion of Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LH0CZ	Occlusion of Right External Iliac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LH0DZ	Occlusion of Right External Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LH0ZZ	Occlusion of Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04LH3CZ	Occlusion of Right External Iliac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LH3DZ	Occlusion of Right External Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LH3ZZ	Occlusion of Right External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04LH4CZ	Occlusion of Right External Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LH4DZ	Occlusion of Right External Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LH4ZZ	Occlusion of Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LJ0CZ	Occlusion of Left External Iliac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LJ0DZ	Occlusion of Left External Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04LJ0ZZ	Occlusion of Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04LJ3CZ	Occlusion of Left External Iliac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LJ3DZ	Occlusion of Left External Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04LJ3ZZ	Occlusion of Left External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04LJ4CZ	Occlusion of Left External Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LJ4DZ	Occlusion of Left External Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04LJ4ZZ	Occlusion of Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04N00ZZ	Release Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
04N03ZZ	Release Abdominal Aorta, Percutaneous Approach	Procedure	ICD-10-PCS
04N04ZZ	Release Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04N10ZZ	Release Celiac Artery, Open Approach	Procedure	ICD-10-PCS
04N13ZZ	Release Celiac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04N14ZZ	Release Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04N20ZZ	Release Gastric Artery, Open Approach	Procedure	ICD-10-PCS
04N23ZZ	Release Gastric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04N24ZZ	Release Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04N30ZZ	Release Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
04N33ZZ	Release Hepatic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04N34ZZ	Release Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04N40ZZ	Release Splenic Artery, Open Approach	Procedure	ICD-10-PCS
04N43ZZ	Release Splenic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04N44ZZ	Release Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04N50ZZ	Release Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04N53ZZ	Release Superior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04N54ZZ	Release Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04N60ZZ	Release Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
04N63ZZ	Release Right Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04N64ZZ	Release Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04N70ZZ	Release Left Colic Artery, Open Approach	Procedure	ICD-10-PCS
04N73ZZ	Release Left Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04N74ZZ	Release Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04N80ZZ	Release Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS
04N83ZZ	Release Middle Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04N84ZZ	Release Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04N90ZZ	Release Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04N93ZZ	Release Right Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04N94ZZ	Release Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04NA0ZZ	Release Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04NA3ZZ	Release Left Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04NA4ZZ	Release Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04NB0ZZ	Release Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04NB3ZZ	Release Inferior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04NB4ZZ	Release Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04NC0ZZ	Release Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04NC3ZZ	Release Right Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04NC4ZZ	Release Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04ND0ZZ	Release Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04ND3ZZ	Release Left Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04ND4ZZ	Release Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04NE0ZZ	Release Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04NE3ZZ	Release Right Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04NE4ZZ	Release Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04NF0ZZ	Release Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04NF3ZZ	Release Left Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04NF4ZZ	Release Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04NH0ZZ	Release Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04NH3ZZ	Release Right External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04NH4ZZ	Release Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04NJ0ZZ	Release Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04NJ3ZZ	Release Left External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04NJ4ZZ	Release Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04Q00ZZ	Repair Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
04Q03ZZ	Repair Abdominal Aorta, Percutaneous Approach	Procedure	ICD-10-PCS
04Q04ZZ	Repair Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04Q10ZZ	Repair Celiac Artery, Open Approach	Procedure	ICD-10-PCS
04Q13ZZ	Repair Celiac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04Q14ZZ	Repair Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04Q20ZZ	Repair Gastric Artery, Open Approach	Procedure	ICD-10-PCS
04Q23ZZ	Repair Gastric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04Q24ZZ	Repair Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04Q30ZZ	Repair Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
04Q33ZZ	Repair Hepatic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04Q34ZZ	Repair Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04Q40ZZ	Repair Splenic Artery, Open Approach	Procedure	ICD-10-PCS
04Q43ZZ	Repair Splenic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04Q44ZZ	Repair Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04Q50ZZ	Repair Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04Q53ZZ	Repair Superior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04Q54ZZ	Repair Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04Q60ZZ	Repair Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
04Q63ZZ	Repair Right Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04Q64ZZ	Repair Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04Q70ZZ	Repair Left Colic Artery, Open Approach	Procedure	ICD-10-PCS
04Q73ZZ	Repair Left Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04Q74ZZ	Repair Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04Q80ZZ	Repair Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS
04Q83ZZ	Repair Middle Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04Q84ZZ	Repair Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04Q90ZZ	Repair Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04Q93ZZ	Repair Right Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04Q94ZZ	Repair Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04QA0ZZ	Repair Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04QA3ZZ	Repair Left Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04QA4ZZ	Repair Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04QB0ZZ	Repair Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04QB3ZZ	Repair Inferior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04QB4ZZ	Repair Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04QC0ZZ	Repair Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04QC3ZZ	Repair Right Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04QC4ZZ	Repair Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04QD0ZZ	Repair Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04QD3ZZ	Repair Left Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04QD4ZZ	Repair Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04QE0ZZ	Repair Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04QE3ZZ	Repair Right Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04QE4ZZ	Repair Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04QF0ZZ	Repair Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04QF3ZZ	Repair Left Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04QF4ZZ	Repair Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04QH0ZZ	Repair Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04QH3ZZ	Repair Right External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04QH4ZZ	Repair Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04QJ0ZZ	Repair Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04QJ3ZZ	Repair Left External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04QJ4ZZ	Repair Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R007Z	Replacement of Abdominal Aorta with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R00JZ	Replacement of Abdominal Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04R00KZ	Replacement of Abdominal Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R047Z	Replacement of Abdominal Aorta with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R04JZ	Replacement of Abdominal Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R04KZ	Replacement of Abdominal Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R107Z	Replacement of Celiac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R10JZ	Replacement of Celiac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04R10KZ	Replacement of Celiac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R147Z	Replacement of Celiac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R14JZ	Replacement of Celiac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R14KZ	Replacement of Celiac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R207Z	Replacement of Gastric Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R20JZ	Replacement of Gastric Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04R20KZ	Replacement of Gastric Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R247Z	Replacement of Gastric Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R24JZ	Replacement of Gastric Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R24KZ	Replacement of Gastric Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R307Z	Replacement of Hepatic Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R30JZ	Replacement of Hepatic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04R30KZ	Replacement of Hepatic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R347Z	Replacement of Hepatic Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R34JZ	Replacement of Hepatic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R34KZ	Replacement of Hepatic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R407Z	Replacement of Splenic Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R40JZ	Replacement of Splenic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04R40KZ	Replacement of Splenic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R447Z	Replacement of Splenic Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R44JZ	Replacement of Splenic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R44KZ	Replacement of Splenic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R507Z	Replacement of Superior Mesenteric Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R50JZ	Replacement of Superior Mesenteric Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04R50KZ	Replacement of Superior Mesenteric Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R547Z	Replacement of Superior Mesenteric Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R54JZ	Replacement of Superior Mesenteric Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R54KZ	Replacement of Superior Mesenteric Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R607Z	Replacement of Right Colic Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R60JZ	Replacement of Right Colic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04R60KZ	Replacement of Right Colic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R647Z	Replacement of Right Colic Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R64JZ	Replacement of Right Colic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R64KZ	Replacement of Right Colic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04R707Z	Replacement of Left Colic Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R70JZ	Replacement of Left Colic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04R70KZ	Replacement of Left Colic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R747Z	Replacement of Left Colic Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R74JZ	Replacement of Left Colic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R74KZ	Replacement of Left Colic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R807Z	Replacement of Middle Colic Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R80JZ	Replacement of Middle Colic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04R80KZ	Replacement of Middle Colic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R847Z	Replacement of Middle Colic Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R84JZ	Replacement of Middle Colic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R84KZ	Replacement of Middle Colic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R907Z	Replacement of Right Renal Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R90JZ	Replacement of Right Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04R90KZ	Replacement of Right Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04R947Z	Replacement of Right Renal Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R94JZ	Replacement of Right Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04R94KZ	Replacement of Right Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RA07Z	Replacement of Left Renal Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RA0JZ	Replacement of Left Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04RA0KZ	Replacement of Left Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RA47Z	Replacement of Left Renal Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04RA4JZ	Replacement of Left Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RA4KZ	Replacement of Left Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RB07Z	Replacement of Inferior Mesenteric Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RB0JZ	Replacement of Inferior Mesenteric Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04RB0KZ	Replacement of Inferior Mesenteric Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RB47Z	Replacement of Inferior Mesenteric Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RB4JZ	Replacement of Inferior Mesenteric Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RB4KZ	Replacement of Inferior Mesenteric Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RC07Z	Replacement of Right Common Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RC0JZ	Replacement of Right Common Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04RC0KZ	Replacement of Right Common Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RC47Z	Replacement of Right Common Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RC4JZ	Replacement of Right Common Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RC4KZ	Replacement of Right Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RD07Z	Replacement of Left Common Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RD0JZ	Replacement of Left Common Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04RD0KZ	Replacement of Left Common Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RD47Z	Replacement of Left Common Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RD4JZ	Replacement of Left Common Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RD4KZ	Replacement of Left Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RE07Z	Replacement of Right Internal Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RE0JZ	Replacement of Right Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04RE0KZ	Replacement of Right Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RE47Z	Replacement of Right Internal Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RE4JZ	Replacement of Right Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RE4KZ	Replacement of Right Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RF07Z	Replacement of Left Internal Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RF0JZ	Replacement of Left Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04RF0KZ	Replacement of Left Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RF47Z	Replacement of Left Internal Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RF4JZ	Replacement of Left Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RF4KZ	Replacement of Left Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RH07Z	Replacement of Right External Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RH0JZ	Replacement of Right External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04RH0KZ	Replacement of Right External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RH47Z	Replacement of Right External Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RH4JZ	Replacement of Right External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RH4KZ	Replacement of Right External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RJ07Z	Replacement of Left External Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RJ0JZ	Replacement of Left External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04RJ0KZ	Replacement of Left External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04RJ47Z	Replacement of Left External Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RJ4JZ	Replacement of Left External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04RJ4KZ	Replacement of Left External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04S00ZZ	Reposition Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
04S03ZZ	Reposition Abdominal Aorta, Percutaneous Approach	Procedure	ICD-10-PCS
04S04ZZ	Reposition Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04S10ZZ	Reposition Celiac Artery, Open Approach	Procedure	ICD-10-PCS
04S13ZZ	Reposition Celiac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04S14ZZ	Reposition Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04S20ZZ	Reposition Gastric Artery, Open Approach	Procedure	ICD-10-PCS
04S23ZZ	Reposition Gastric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04S24ZZ	Reposition Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04S30ZZ	Reposition Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
04S33ZZ	Reposition Hepatic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04S34ZZ	Reposition Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04S40ZZ	Reposition Splenic Artery, Open Approach	Procedure	ICD-10-PCS
04S43ZZ	Reposition Splenic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04S44ZZ	Reposition Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04S50ZZ	Reposition Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04S53ZZ	Reposition Superior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04S54ZZ	Reposition Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04S60ZZ	Reposition Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
04S63ZZ	Reposition Right Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04S64ZZ	Reposition Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04S70ZZ	Reposition Left Colic Artery, Open Approach	Procedure	ICD-10-PCS
04S73ZZ	Reposition Left Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04S74ZZ	Reposition Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04S80ZZ	Reposition Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS
04S83ZZ	Reposition Middle Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04S84ZZ	Reposition Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04S90ZZ	Reposition Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04S93ZZ	Reposition Right Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04S94ZZ	Reposition Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04SA0ZZ	Reposition Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04SA3ZZ	Reposition Left Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04SA4ZZ	Reposition Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04SB0ZZ	Reposition Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04SB3ZZ	Reposition Inferior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04SB4ZZ	Reposition Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04SC0ZZ	Reposition Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04SC3ZZ	Reposition Right Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04SC4ZZ	Reposition Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04SD0ZZ	Reposition Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04SD3ZZ	Reposition Left Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04SD4ZZ	Reposition Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04SE0ZZ	Reposition Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04SE3ZZ	Reposition Right Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04SE4ZZ	Reposition Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04SF0ZZ	Reposition Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04SF3ZZ	Reposition Left Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04SF4ZZ	Reposition Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04SH0ZZ	Reposition Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04SH3ZZ	Reposition Right External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04SH4ZZ	Reposition Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04SJ0ZZ	Reposition Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04SJ3ZZ	Reposition Left External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04SJ4ZZ	Reposition Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U007Z	Supplement Abdominal Aorta with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U00JZ	Supplement Abdominal Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04U00KZ	Supplement Abdominal Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U037Z	Supplement Abdominal Aorta with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U03JZ	Supplement Abdominal Aorta with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U03KZ	Supplement Abdominal Aorta with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U047Z	Supplement Abdominal Aorta with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U04JZ	Supplement Abdominal Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U04KZ	Supplement Abdominal Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U107Z	Supplement Celiac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U10JZ	Supplement Celiac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04U10KZ	Supplement Celiac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04U137Z	Supplement Celiac Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U13JZ	Supplement Celiac Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U13KZ	Supplement Celiac Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U147Z	Supplement Celiac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U14JZ	Supplement Celiac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U14KZ	Supplement Celiac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U207Z	Supplement Gastric Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U20JZ	Supplement Gastric Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04U20KZ	Supplement Gastric Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U237Z	Supplement Gastric Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U23JZ	Supplement Gastric Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U23KZ	Supplement Gastric Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U247Z	Supplement Gastric Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U24JZ	Supplement Gastric Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U24KZ	Supplement Gastric Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U307Z	Supplement Hepatic Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U30JZ	Supplement Hepatic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04U30KZ	Supplement Hepatic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U337Z	Supplement Hepatic Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U33JZ	Supplement Hepatic Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U33KZ	Supplement Hepatic Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U347Z	Supplement Hepatic Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04U34JZ	Supplement Hepatic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U34KZ	Supplement Hepatic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U407Z	Supplement Splenic Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U40JZ	Supplement Splenic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04U40KZ	Supplement Splenic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U437Z	Supplement Splenic Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U43JZ	Supplement Splenic Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U43KZ	Supplement Splenic Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U447Z	Supplement Splenic Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U44JZ	Supplement Splenic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U44KZ	Supplement Splenic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U507Z	Supplement Superior Mesenteric Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U50JZ	Supplement Superior Mesenteric Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04U50KZ	Supplement Superior Mesenteric Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U537Z	Supplement Superior Mesenteric Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U53JZ	Supplement Superior Mesenteric Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U53KZ	Supplement Superior Mesenteric Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U547Z	Supplement Superior Mesenteric Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U54JZ	Supplement Superior Mesenteric Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U54KZ	Supplement Superior Mesenteric Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U607Z	Supplement Right Colic Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U60JZ	Supplement Right Colic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04U60KZ	Supplement Right Colic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U637Z	Supplement Right Colic Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U63JZ	Supplement Right Colic Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U63KZ	Supplement Right Colic Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U647Z	Supplement Right Colic Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U64JZ	Supplement Right Colic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U64KZ	Supplement Right Colic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U707Z	Supplement Left Colic Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U70JZ	Supplement Left Colic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04U70KZ	Supplement Left Colic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U737Z	Supplement Left Colic Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U73JZ	Supplement Left Colic Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U73KZ	Supplement Left Colic Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U747Z	Supplement Left Colic Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U74JZ	Supplement Left Colic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U74KZ	Supplement Left Colic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U807Z	Supplement Middle Colic Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U80JZ	Supplement Middle Colic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04U80KZ	Supplement Middle Colic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U837Z	Supplement Middle Colic Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U83JZ	Supplement Middle Colic Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U83KZ	Supplement Middle Colic Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04U847Z	Supplement Middle Colic Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U84JZ	Supplement Middle Colic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U84KZ	Supplement Middle Colic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U907Z	Supplement Right Renal Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U90JZ	Supplement Right Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04U90KZ	Supplement Right Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04U937Z	Supplement Right Renal Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U93JZ	Supplement Right Renal Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U93KZ	Supplement Right Renal Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04U947Z	Supplement Right Renal Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U94JZ	Supplement Right Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04U94KZ	Supplement Right Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UA07Z	Supplement Left Renal Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UA0JZ	Supplement Left Renal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04UA0KZ	Supplement Left Renal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UA37Z	Supplement Left Renal Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UA3JZ	Supplement Left Renal Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UA3KZ	Supplement Left Renal Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UA47Z	Supplement Left Renal Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UA4JZ	Supplement Left Renal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UA4KZ	Supplement Left Renal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UB07Z	Supplement Inferior Mesenteric Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04UB0JZ	Supplement Inferior Mesenteric Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04UB0KZ	Supplement Inferior Mesenteric Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UB37Z	Supplement Inferior Mesenteric Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UB3JZ	Supplement Inferior Mesenteric Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UB3KZ	Supplement Inferior Mesenteric Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UB47Z	Supplement Inferior Mesenteric Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UB4JZ	Supplement Inferior Mesenteric Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UB4KZ	Supplement Inferior Mesenteric Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UC07Z	Supplement Right Common Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UC0JZ	Supplement Right Common Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04UC0KZ	Supplement Right Common Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UC37Z	Supplement Right Common Iliac Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UC3JZ	Supplement Right Common Iliac Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UC3KZ	Supplement Right Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UC47Z	Supplement Right Common Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UC4JZ	Supplement Right Common Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UC4KZ	Supplement Right Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UD07Z	Supplement Left Common Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UD0JZ	Supplement Left Common Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04UD0KZ	Supplement Left Common Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UD37Z	Supplement Left Common Iliac Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UD3JZ	Supplement Left Common Iliac Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04UD3KZ	Supplement Left Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UD47Z	Supplement Left Common Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UD4JZ	Supplement Left Common Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UD4KZ	Supplement Left Common Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UE07Z	Supplement Right Internal Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UE0JZ	Supplement Right Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04UE0KZ	Supplement Right Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UE37Z	Supplement Right Internal Iliac Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UE3JZ	Supplement Right Internal Iliac Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UE3KZ	Supplement Right Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UE47Z	Supplement Right Internal Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UE4JZ	Supplement Right Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UE4KZ	Supplement Right Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UF07Z	Supplement Left Internal Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UF0JZ	Supplement Left Internal Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04UF0KZ	Supplement Left Internal Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UF37Z	Supplement Left Internal Iliac Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UF3JZ	Supplement Left Internal Iliac Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UF3KZ	Supplement Left Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UF47Z	Supplement Left Internal Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UF4JZ	Supplement Left Internal Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UF4KZ	Supplement Left Internal Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
04UH07Z	Supplement Right External Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UH0JZ	Supplement Right External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04UH0KZ	Supplement Right External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UH37Z	Supplement Right External Iliac Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UH3JZ	Supplement Right External Iliac Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UH3KZ	Supplement Right External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UH47Z	Supplement Right External Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UH4JZ	Supplement Right External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UH4KZ	Supplement Right External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UJ07Z	Supplement Left External Iliac Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UJ0JZ	Supplement Left External Iliac Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
04UJ0KZ	Supplement Left External Iliac Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
04UJ37Z	Supplement Left External Iliac Artery with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UJ3JZ	Supplement Left External Iliac Artery with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UJ3KZ	Supplement Left External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
04UJ47Z	Supplement Left External Iliac Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UJ4JZ	Supplement Left External Iliac Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04UJ4KZ	Supplement Left External Iliac Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V00C6	Restriction of Abdominal Aorta, Bifurcation, with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V00CZ	Restriction of Abdominal Aorta with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V00D6	Restriction of Abdominal Aorta, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V00DJ	Restriction of Abdominal Aorta with Intraluminal Device, Temporary, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04V00DZ	Restriction of Abdominal Aorta with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V00E6	Restriction of Abdominal Aorta, Bifurcation, with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Open Approach	Procedure	ICD-10-PCS
04V00EZ	Restriction of Abdominal Aorta with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Open Approach	Procedure	ICD-10-PCS
04V00F6	Restriction of Abdominal Aorta, Bifurcation, with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Open Approach	Procedure	ICD-10-PCS
04V00FZ	Restriction of Abdominal Aorta with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Open Approach	Procedure	ICD-10-PCS
04V00Z6	Restriction of Abdominal Aorta, Bifurcation, Open Approach	Procedure	ICD-10-PCS
04V00ZZ	Restriction of Abdominal Aorta, Open Approach	Procedure	ICD-10-PCS
04V03C6	Restriction of Abdominal Aorta, Bifurcation, with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V03CZ	Restriction of Abdominal Aorta with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V03D6	Restriction of Abdominal Aorta, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V03DZ	Restriction of Abdominal Aorta with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V03E6	Restriction of Abdominal Aorta, Bifurcation, with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
04V03EZ	Restriction of Abdominal Aorta with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
04V03F6	Restriction of Abdominal Aorta, Bifurcation, with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
04V03FZ	Restriction of Abdominal Aorta with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
04V03Z6	Restriction of Abdominal Aorta, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
04V03ZZ	Restriction of Abdominal Aorta, Percutaneous Approach	Procedure	ICD-10-PCS
04V04C6	Restriction of Abdominal Aorta, Bifurcation, with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V04CZ	Restriction of Abdominal Aorta with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V04D6	Restriction of Abdominal Aorta, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V04DJ	Restriction of Abdominal Aorta with Intraluminal Device, Temporary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04V04DZ	Restriction of Abdominal Aorta with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V04E6	Restriction of Abdominal Aorta, Bifurcation, with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V04EZ	Restriction of Abdominal Aorta with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V04F6	Restriction of Abdominal Aorta, Bifurcation, with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V04FZ	Restriction of Abdominal Aorta with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V04Z6	Restriction of Abdominal Aorta, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V04ZZ	Restriction of Abdominal Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V10CZ	Restriction of Celiac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V10DZ	Restriction of Celiac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V10ZZ	Restriction of Celiac Artery, Open Approach	Procedure	ICD-10-PCS
04V13CZ	Restriction of Celiac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V13DZ	Restriction of Celiac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V13ZZ	Restriction of Celiac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04V14CZ	Restriction of Celiac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V14DZ	Restriction of Celiac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V14ZZ	Restriction of Celiac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V20CZ	Restriction of Gastric Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V20DZ	Restriction of Gastric Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V20ZZ	Restriction of Gastric Artery, Open Approach	Procedure	ICD-10-PCS
04V23CZ	Restriction of Gastric Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V23DZ	Restriction of Gastric Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V23ZZ	Restriction of Gastric Artery, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04V24CZ	Restriction of Gastric Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V24DZ	Restriction of Gastric Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V24ZZ	Restriction of Gastric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V30CZ	Restriction of Hepatic Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V30DZ	Restriction of Hepatic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V30ZZ	Restriction of Hepatic Artery, Open Approach	Procedure	ICD-10-PCS
04V33CZ	Restriction of Hepatic Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V33DZ	Restriction of Hepatic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V33ZZ	Restriction of Hepatic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04V34CZ	Restriction of Hepatic Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V34DZ	Restriction of Hepatic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V34ZZ	Restriction of Hepatic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V40CZ	Restriction of Splenic Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V40DZ	Restriction of Splenic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V40ZZ	Restriction of Splenic Artery, Open Approach	Procedure	ICD-10-PCS
04V43CZ	Restriction of Splenic Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V43DZ	Restriction of Splenic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V43ZZ	Restriction of Splenic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04V44CZ	Restriction of Splenic Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V44DZ	Restriction of Splenic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V44ZZ	Restriction of Splenic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V50CZ	Restriction of Superior Mesenteric Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V50DZ	Restriction of Superior Mesenteric Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V50ZZ	Restriction of Superior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04V53CZ	Restriction of Superior Mesenteric Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V53DZ	Restriction of Superior Mesenteric Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04V53ZZ	Restriction of Superior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04V54CZ	Restriction of Superior Mesenteric Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V54DZ	Restriction of Superior Mesenteric Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V54ZZ	Restriction of Superior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V60CZ	Restriction of Right Colic Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V60DZ	Restriction of Right Colic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V60ZZ	Restriction of Right Colic Artery, Open Approach	Procedure	ICD-10-PCS
04V63CZ	Restriction of Right Colic Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V63DZ	Restriction of Right Colic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V63ZZ	Restriction of Right Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04V64CZ	Restriction of Right Colic Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V64DZ	Restriction of Right Colic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V64ZZ	Restriction of Right Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V70CZ	Restriction of Left Colic Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V70DZ	Restriction of Left Colic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V70ZZ	Restriction of Left Colic Artery, Open Approach	Procedure	ICD-10-PCS
04V73CZ	Restriction of Left Colic Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V73DZ	Restriction of Left Colic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V73ZZ	Restriction of Left Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04V74CZ	Restriction of Left Colic Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V74DZ	Restriction of Left Colic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V74ZZ	Restriction of Left Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V80CZ	Restriction of Middle Colic Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V80DZ	Restriction of Middle Colic Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V80ZZ	Restriction of Middle Colic Artery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04V83CZ	Restriction of Middle Colic Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V83DZ	Restriction of Middle Colic Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V83ZZ	Restriction of Middle Colic Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04V84CZ	Restriction of Middle Colic Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V84DZ	Restriction of Middle Colic Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V84ZZ	Restriction of Middle Colic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V90CZ	Restriction of Right Renal Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V90DZ	Restriction of Right Renal Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04V90ZZ	Restriction of Right Renal Artery, Open Approach	Procedure	ICD-10-PCS
04V93CZ	Restriction of Right Renal Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V93DZ	Restriction of Right Renal Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04V93ZZ	Restriction of Right Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04V94CZ	Restriction of Right Renal Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V94DZ	Restriction of Right Renal Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04V94ZZ	Restriction of Right Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VA0CZ	Restriction of Left Renal Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VA0DZ	Restriction of Left Renal Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VA0ZZ	Restriction of Left Renal Artery, Open Approach	Procedure	ICD-10-PCS
04VA3CZ	Restriction of Left Renal Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VA3DZ	Restriction of Left Renal Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VA3ZZ	Restriction of Left Renal Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04VA4CZ	Restriction of Left Renal Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VA4DZ	Restriction of Left Renal Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VA4ZZ	Restriction of Left Renal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04VB0CZ	Restriction of Inferior Mesenteric Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VB0DZ	Restriction of Inferior Mesenteric Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VB0ZZ	Restriction of Inferior Mesenteric Artery, Open Approach	Procedure	ICD-10-PCS
04VB3CZ	Restriction of Inferior Mesenteric Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VB3DZ	Restriction of Inferior Mesenteric Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VB3ZZ	Restriction of Inferior Mesenteric Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04VB4CZ	Restriction of Inferior Mesenteric Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VB4DZ	Restriction of Inferior Mesenteric Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VB4ZZ	Restriction of Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VC0CZ	Restriction of Right Common Iliac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VC0DZ	Restriction of Right Common Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VC0EZ	Restriction of Right Common Iliac Artery with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Open Approach	Procedure	ICD-10-PCS
04VC0FZ	Restriction of Right Common Iliac Artery with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Open Approach	Procedure	ICD-10-PCS
04VC0ZZ	Restriction of Right Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04VC3CZ	Restriction of Right Common Iliac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VC3DZ	Restriction of Right Common Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VC3EZ	Restriction of Right Common Iliac Artery with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
04VC3FZ	Restriction of Right Common Iliac Artery with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
04VC3ZZ	Restriction of Right Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04VC4CZ	Restriction of Right Common Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VC4DZ	Restriction of Right Common Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04VC4EZ	Restriction of Right Common Iliac Artery with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VC4FZ	Restriction of Right Common Iliac Artery with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VC4ZZ	Restriction of Right Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VD0CZ	Restriction of Left Common Iliac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VD0DZ	Restriction of Left Common Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VD0EZ	Restriction of Left Common Iliac Artery with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Open Approach	Procedure	ICD-10-PCS
04VD0FZ	Restriction of Left Common Iliac Artery with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Open Approach	Procedure	ICD-10-PCS
04VD0ZZ	Restriction of Left Common Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04VD3CZ	Restriction of Left Common Iliac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VD3DZ	Restriction of Left Common Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VD3EZ	Restriction of Left Common Iliac Artery with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
04VD3FZ	Restriction of Left Common Iliac Artery with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
04VD3ZZ	Restriction of Left Common Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04VD4CZ	Restriction of Left Common Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VD4DZ	Restriction of Left Common Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VD4EZ	Restriction of Left Common Iliac Artery with Branched or Fenestrated Intraluminal Device, One or Two Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VD4FZ	Restriction of Left Common Iliac Artery with Branched or Fenestrated Intraluminal Device, Three or More Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VD4ZZ	Restriction of Left Common Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VE0CZ	Restriction of Right Internal Iliac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04VE0DZ	Restriction of Right Internal Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VE0ZZ	Restriction of Right Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04VE3CZ	Restriction of Right Internal Iliac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VE3DZ	Restriction of Right Internal Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VE3ZZ	Restriction of Right Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04VE4CZ	Restriction of Right Internal Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VE4DZ	Restriction of Right Internal Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VE4ZZ	Restriction of Right Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VF0CZ	Restriction of Left Internal Iliac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VF0DZ	Restriction of Left Internal Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VF0ZZ	Restriction of Left Internal Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04VF3CZ	Restriction of Left Internal Iliac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VF3DZ	Restriction of Left Internal Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VF3ZZ	Restriction of Left Internal Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04VF4CZ	Restriction of Left Internal Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VF4DZ	Restriction of Left Internal Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VF4ZZ	Restriction of Left Internal Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VH0CZ	Restriction of Right External Iliac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VH0DZ	Restriction of Right External Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VH0ZZ	Restriction of Right External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04VH3CZ	Restriction of Right External Iliac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VH3DZ	Restriction of Right External Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VH3ZZ	Restriction of Right External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04VH4CZ	Restriction of Right External Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VH4DZ	Restriction of Right External Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
04VH4ZZ	Restriction of Right External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VJ0CZ	Restriction of Left External Iliac Artery with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VJ0DZ	Restriction of Left External Iliac Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
04VJ0ZZ	Restriction of Left External Iliac Artery, Open Approach	Procedure	ICD-10-PCS
04VJ3CZ	Restriction of Left External Iliac Artery with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VJ3DZ	Restriction of Left External Iliac Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
04VJ3ZZ	Restriction of Left External Iliac Artery, Percutaneous Approach	Procedure	ICD-10-PCS
04VJ4CZ	Restriction of Left External Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VJ4DZ	Restriction of Left External Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
04VJ4ZZ	Restriction of Left External Iliac Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0610075	Bypass Inferior Vena Cava to Superior Mesenteric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0610076	Bypass Inferior Vena Cava to Inferior Mesenteric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061007P	Bypass Inferior Vena Cava to Pulmonary Trunk with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061007Q	Bypass Inferior Vena Cava to Right Pulmonary Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061007R	Bypass Inferior Vena Cava to Left Pulmonary Artery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061007Y	Bypass Inferior Vena Cava to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0610095	Bypass Inferior Vena Cava to Superior Mesenteric Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0610096	Bypass Inferior Vena Cava to Inferior Mesenteric Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061009P	Bypass Inferior Vena Cava to Pulmonary Trunk with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061009Q	Bypass Inferior Vena Cava to Right Pulmonary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061009R	Bypass Inferior Vena Cava to Left Pulmonary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061009Y	Bypass Inferior Vena Cava to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
06100A5	Bypass Inferior Vena Cava to Superior Mesenteric Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06100A6	Bypass Inferior Vena Cava to Inferior Mesenteric Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06100AP	Bypass Inferior Vena Cava to Pulmonary Trunk with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06100AQ	Bypass Inferior Vena Cava to Right Pulmonary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06100AR	Bypass Inferior Vena Cava to Left Pulmonary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06100AY	Bypass Inferior Vena Cava to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06100J5	Bypass Inferior Vena Cava to Superior Mesenteric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06100J6	Bypass Inferior Vena Cava to Inferior Mesenteric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06100JP	Bypass Inferior Vena Cava to Pulmonary Trunk with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06100JQ	Bypass Inferior Vena Cava to Right Pulmonary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06100JR	Bypass Inferior Vena Cava to Left Pulmonary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06100JY	Bypass Inferior Vena Cava to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06100K5	Bypass Inferior Vena Cava to Superior Mesenteric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06100K6	Bypass Inferior Vena Cava to Inferior Mesenteric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06100KP	Bypass Inferior Vena Cava to Pulmonary Trunk with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06100KQ	Bypass Inferior Vena Cava to Right Pulmonary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06100KR	Bypass Inferior Vena Cava to Left Pulmonary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06100KY	Bypass Inferior Vena Cava to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06100Z5	Bypass Inferior Vena Cava to Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06100Z6	Bypass Inferior Vena Cava to Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06100ZP	Bypass Inferior Vena Cava to Pulmonary Trunk, Open Approach	Procedure	ICD-10-PCS
06100ZQ	Bypass Inferior Vena Cava to Right Pulmonary Artery, Open Approach	Procedure	ICD-10-PCS
06100ZR	Bypass Inferior Vena Cava to Left Pulmonary Artery, Open Approach	Procedure	ICD-10-PCS
06100ZY	Bypass Inferior Vena Cava to Lower Vein, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0610475	Bypass Inferior Vena Cava to Superior Mesenteric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0610476	Bypass Inferior Vena Cava to Inferior Mesenteric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061047P	Bypass Inferior Vena Cava to Pulmonary Trunk with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061047Q	Bypass Inferior Vena Cava to Right Pulmonary Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061047R	Bypass Inferior Vena Cava to Left Pulmonary Artery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061047Y	Bypass Inferior Vena Cava to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0610495	Bypass Inferior Vena Cava to Superior Mesenteric Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0610496	Bypass Inferior Vena Cava to Inferior Mesenteric Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061049P	Bypass Inferior Vena Cava to Pulmonary Trunk with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061049Q	Bypass Inferior Vena Cava to Right Pulmonary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061049R	Bypass Inferior Vena Cava to Left Pulmonary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061049Y	Bypass Inferior Vena Cava to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104A5	Bypass Inferior Vena Cava to Superior Mesenteric Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104A6	Bypass Inferior Vena Cava to Inferior Mesenteric Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104AP	Bypass Inferior Vena Cava to Pulmonary Trunk with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104AQ	Bypass Inferior Vena Cava to Right Pulmonary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104AR	Bypass Inferior Vena Cava to Left Pulmonary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104AY	Bypass Inferior Vena Cava to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104J5	Bypass Inferior Vena Cava to Superior Mesenteric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104J6	Bypass Inferior Vena Cava to Inferior Mesenteric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104JP	Bypass Inferior Vena Cava to Pulmonary Trunk with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104JQ	Bypass Inferior Vena Cava to Right Pulmonary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06104JR	Bypass Inferior Vena Cava to Left Pulmonary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104JY	Bypass Inferior Vena Cava to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104K5	Bypass Inferior Vena Cava to Superior Mesenteric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104K6	Bypass Inferior Vena Cava to Inferior Mesenteric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104KP	Bypass Inferior Vena Cava to Pulmonary Trunk with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104KQ	Bypass Inferior Vena Cava to Right Pulmonary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104KR	Bypass Inferior Vena Cava to Left Pulmonary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104KY	Bypass Inferior Vena Cava to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104Z5	Bypass Inferior Vena Cava to Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104Z6	Bypass Inferior Vena Cava to Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104ZP	Bypass Inferior Vena Cava to Pulmonary Trunk, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104ZQ	Bypass Inferior Vena Cava to Right Pulmonary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104ZR	Bypass Inferior Vena Cava to Left Pulmonary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06104ZY	Bypass Inferior Vena Cava to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0611079	Bypass Splenic Vein to Right Renal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061107B	Bypass Splenic Vein to Left Renal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061107Y	Bypass Splenic Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0611099	Bypass Splenic Vein to Right Renal Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061109B	Bypass Splenic Vein to Left Renal Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
061109Y	Bypass Splenic Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
06110A9	Bypass Splenic Vein to Right Renal Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06110AB	Bypass Splenic Vein to Left Renal Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06110AY	Bypass Splenic Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06110J9	Bypass Splenic Vein to Right Renal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06110JB	Bypass Splenic Vein to Left Renal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06110JY	Bypass Splenic Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06110K9	Bypass Splenic Vein to Right Renal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06110KB	Bypass Splenic Vein to Left Renal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06110KY	Bypass Splenic Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06110Z9	Bypass Splenic Vein to Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06110ZB	Bypass Splenic Vein to Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
06110ZY	Bypass Splenic Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
0611479	Bypass Splenic Vein to Right Renal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061147B	Bypass Splenic Vein to Left Renal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061147Y	Bypass Splenic Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0611499	Bypass Splenic Vein to Right Renal Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061149B	Bypass Splenic Vein to Left Renal Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061149Y	Bypass Splenic Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06114A9	Bypass Splenic Vein to Right Renal Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06114AB	Bypass Splenic Vein to Left Renal Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06114AY	Bypass Splenic Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06114J9	Bypass Splenic Vein to Right Renal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
06114JB	Bypass Splenic Vein to Left Renal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06114JY	Bypass Splenic Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06114K9	Bypass Splenic Vein to Right Renal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06114KB	Bypass Splenic Vein to Left Renal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06114KY	Bypass Splenic Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06114Z9	Bypass Splenic Vein to Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06114ZB	Bypass Splenic Vein to Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06114ZY	Bypass Splenic Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061207Y	Bypass Gastric Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061209Y	Bypass Gastric Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
06120AY	Bypass Gastric Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06120JY	Bypass Gastric Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06120KY	Bypass Gastric Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06120ZY	Bypass Gastric Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061247Y	Bypass Gastric Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061249Y	Bypass Gastric Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06124AY	Bypass Gastric Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06124JY	Bypass Gastric Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06124KY	Bypass Gastric Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06124ZY	Bypass Gastric Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061307Y	Bypass Esophageal Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061309Y	Bypass Esophageal Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
06130AY	Bypass Esophageal Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06130JY	Bypass Esophageal Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06130KY	Bypass Esophageal Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06130ZY	Bypass Esophageal Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061347Y	Bypass Esophageal Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061349Y	Bypass Esophageal Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06134AY	Bypass Esophageal Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06134JY	Bypass Esophageal Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06134KY	Bypass Esophageal Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06134ZY	Bypass Esophageal Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061407Y	Bypass Hepatic Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061409Y	Bypass Hepatic Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
06140AY	Bypass Hepatic Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06140JY	Bypass Hepatic Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06140KY	Bypass Hepatic Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06140ZY	Bypass Hepatic Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061447Y	Bypass Hepatic Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061449Y	Bypass Hepatic Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06144AY	Bypass Hepatic Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06144JY	Bypass Hepatic Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06144KY	Bypass Hepatic Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06144ZY	Bypass Hepatic Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061507Y	Bypass Superior Mesenteric Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
061509Y	Bypass Superior Mesenteric Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
06150AY	Bypass Superior Mesenteric Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06150JY	Bypass Superior Mesenteric Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06150KY	Bypass Superior Mesenteric Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06150ZY	Bypass Superior Mesenteric Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061547Y	Bypass Superior Mesenteric Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061549Y	Bypass Superior Mesenteric Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06154AY	Bypass Superior Mesenteric Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06154JY	Bypass Superior Mesenteric Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06154KY	Bypass Superior Mesenteric Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06154ZY	Bypass Superior Mesenteric Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061607Y	Bypass Inferior Mesenteric Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061609Y	Bypass Inferior Mesenteric Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
06160AY	Bypass Inferior Mesenteric Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06160JY	Bypass Inferior Mesenteric Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06160KY	Bypass Inferior Mesenteric Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06160ZY	Bypass Inferior Mesenteric Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061647Y	Bypass Inferior Mesenteric Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061649Y	Bypass Inferior Mesenteric Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06164AY	Bypass Inferior Mesenteric Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06164JY	Bypass Inferior Mesenteric Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06164KY	Bypass Inferior Mesenteric Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06164ZY	Bypass Inferior Mesenteric Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061707Y	Bypass Colic Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061709Y	Bypass Colic Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
06170AY	Bypass Colic Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06170JY	Bypass Colic Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06170KY	Bypass Colic Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06170ZY	Bypass Colic Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061747Y	Bypass Colic Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061749Y	Bypass Colic Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06174AY	Bypass Colic Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06174JY	Bypass Colic Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06174KY	Bypass Colic Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06174ZY	Bypass Colic Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0618079	Bypass Portal Vein to Right Renal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061807B	Bypass Portal Vein to Left Renal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061807Y	Bypass Portal Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0618099	Bypass Portal Vein to Right Renal Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061809B	Bypass Portal Vein to Left Renal Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061809Y	Bypass Portal Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
06180A9	Bypass Portal Vein to Right Renal Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06180AB	Bypass Portal Vein to Left Renal Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06180AY	Bypass Portal Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06180J9	Bypass Portal Vein to Right Renal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06180JB	Bypass Portal Vein to Left Renal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06180JY	Bypass Portal Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06180K9	Bypass Portal Vein to Right Renal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06180KB	Bypass Portal Vein to Left Renal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06180KY	Bypass Portal Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06180Z9	Bypass Portal Vein to Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06180ZB	Bypass Portal Vein to Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
06180ZY	Bypass Portal Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
06183DY	Bypass Portal Vein to Lower Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06183J4	Bypass Portal Vein to Hepatic Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06183JY	Bypass Portal Vein to Lower Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0618479	Bypass Portal Vein to Right Renal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061847B	Bypass Portal Vein to Left Renal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061847Y	Bypass Portal Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0618499	Bypass Portal Vein to Right Renal Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061849B	Bypass Portal Vein to Left Renal Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061849Y	Bypass Portal Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184A9	Bypass Portal Vein to Right Renal Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184AB	Bypass Portal Vein to Left Renal Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184AY	Bypass Portal Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184DY	Bypass Portal Vein to Lower Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184J4	Bypass Portal Vein to Hepatic Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06184J9	Bypass Portal Vein to Right Renal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184JB	Bypass Portal Vein to Left Renal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184JY	Bypass Portal Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184K9	Bypass Portal Vein to Right Renal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184KB	Bypass Portal Vein to Left Renal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184KY	Bypass Portal Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184Z9	Bypass Portal Vein to Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184ZB	Bypass Portal Vein to Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06184ZY	Bypass Portal Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061907Y	Bypass Right Renal Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061909Y	Bypass Right Renal Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
06190AY	Bypass Right Renal Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
06190JY	Bypass Right Renal Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06190KY	Bypass Right Renal Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06190ZY	Bypass Right Renal Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061947Y	Bypass Right Renal Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061949Y	Bypass Right Renal Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06194AY	Bypass Right Renal Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06194JY	Bypass Right Renal Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06194KY	Bypass Right Renal Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06194ZY	Bypass Right Renal Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061B07Y	Bypass Left Renal Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
061B09Y	Bypass Left Renal Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061B0AY	Bypass Left Renal Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
061B0JY	Bypass Left Renal Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
061B0KY	Bypass Left Renal Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061B0ZY	Bypass Left Renal Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061B47Y	Bypass Left Renal Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061B49Y	Bypass Left Renal Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061B4AY	Bypass Left Renal Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061B4JY	Bypass Left Renal Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061B4KY	Bypass Left Renal Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061B4ZY	Bypass Left Renal Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061C07Y	Bypass Right Common Iliac Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061C09Y	Bypass Right Common Iliac Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061C0AY	Bypass Right Common Iliac Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
061C0JY	Bypass Right Common Iliac Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
061C0KY	Bypass Right Common Iliac Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061C0ZY	Bypass Right Common Iliac Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061C47Y	Bypass Right Common Iliac Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061C49Y	Bypass Right Common Iliac Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061C4AY	Bypass Right Common Iliac Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061C4JY	Bypass Right Common Iliac Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061C4KY	Bypass Right Common Iliac Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
061C4ZY	Bypass Right Common Iliac Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061D07Y	Bypass Left Common Iliac Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061D09Y	Bypass Left Common Iliac Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061D0AY	Bypass Left Common Iliac Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
061D0JY	Bypass Left Common Iliac Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
061D0KY	Bypass Left Common Iliac Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061D0ZY	Bypass Left Common Iliac Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061D47Y	Bypass Left Common Iliac Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061D49Y	Bypass Left Common Iliac Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061D4AY	Bypass Left Common Iliac Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061D4JY	Bypass Left Common Iliac Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061D4KY	Bypass Left Common Iliac Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061D4ZY	Bypass Left Common Iliac Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061F07Y	Bypass Right External Iliac Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061F09Y	Bypass Right External Iliac Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061F0AY	Bypass Right External Iliac Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
061F0JY	Bypass Right External Iliac Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
061F0KY	Bypass Right External Iliac Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061F0ZY	Bypass Right External Iliac Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061F47Y	Bypass Right External Iliac Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061F49Y	Bypass Right External Iliac Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061F4AY	Bypass Right External Iliac Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061F4JY	Bypass Right External Iliac Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
061F4KY	Bypass Right External Iliac Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061F4ZY	Bypass Right External Iliac Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061G07Y	Bypass Left External Iliac Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061G09Y	Bypass Left External Iliac Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061G0AY	Bypass Left External Iliac Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
061G0JY	Bypass Left External Iliac Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
061G0KY	Bypass Left External Iliac Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061G0ZY	Bypass Left External Iliac Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061G47Y	Bypass Left External Iliac Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061G49Y	Bypass Left External Iliac Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061G4AY	Bypass Left External Iliac Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061G4JY	Bypass Left External Iliac Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061G4KY	Bypass Left External Iliac Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061G4ZY	Bypass Left External Iliac Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061H07Y	Bypass Right Hypogastric Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061H09Y	Bypass Right Hypogastric Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061H0AY	Bypass Right Hypogastric Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
061H0JY	Bypass Right Hypogastric Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
061H0KY	Bypass Right Hypogastric Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061H0ZY	Bypass Right Hypogastric Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061H47Y	Bypass Right Hypogastric Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061H49Y	Bypass Right Hypogastric Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061H4AY	Bypass Right Hypogastric Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
061H4JY	Bypass Right Hypogastric Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061H4KY	Bypass Right Hypogastric Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061H4ZY	Bypass Right Hypogastric Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061J07Y	Bypass Left Hypogastric Vein to Lower Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061J09Y	Bypass Left Hypogastric Vein to Lower Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
061J0AY	Bypass Left Hypogastric Vein to Lower Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
061J0JY	Bypass Left Hypogastric Vein to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
061J0KY	Bypass Left Hypogastric Vein to Lower Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
061J0ZY	Bypass Left Hypogastric Vein to Lower Vein, Open Approach	Procedure	ICD-10-PCS
061J47Y	Bypass Left Hypogastric Vein to Lower Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061J49Y	Bypass Left Hypogastric Vein to Lower Vein with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061J4AY	Bypass Left Hypogastric Vein to Lower Vein with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061J4JY	Bypass Left Hypogastric Vein to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061J4KY	Bypass Left Hypogastric Vein to Lower Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
061J4ZY	Bypass Left Hypogastric Vein to Lower Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06500ZZ	Destruction of Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS
06503ZZ	Destruction of Inferior Vena Cava, Percutaneous Approach	Procedure	ICD-10-PCS
06504ZZ	Destruction of Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06510ZZ	Destruction of Splenic Vein, Open Approach	Procedure	ICD-10-PCS
06513ZZ	Destruction of Splenic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06514ZZ	Destruction of Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06520ZZ	Destruction of Gastric Vein, Open Approach	Procedure	ICD-10-PCS
06523ZZ	Destruction of Gastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06524ZZ	Destruction of Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06530ZZ	Destruction of Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
06533ZZ	Destruction of Esophageal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06534ZZ	Destruction of Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06540ZZ	Destruction of Hepatic Vein, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06543ZZ	Destruction of Hepatic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06544ZZ	Destruction of Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06550ZZ	Destruction of Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06553ZZ	Destruction of Superior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06554ZZ	Destruction of Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06560ZZ	Destruction of Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06563ZZ	Destruction of Inferior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06564ZZ	Destruction of Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06570ZZ	Destruction of Colic Vein, Open Approach	Procedure	ICD-10-PCS
06573ZZ	Destruction of Colic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06574ZZ	Destruction of Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06580ZZ	Destruction of Portal Vein, Open Approach	Procedure	ICD-10-PCS
06583ZZ	Destruction of Portal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06584ZZ	Destruction of Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06590ZZ	Destruction of Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06593ZZ	Destruction of Right Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06594ZZ	Destruction of Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
065B0ZZ	Destruction of Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
065B3ZZ	Destruction of Left Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
065B4ZZ	Destruction of Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
065C0ZZ	Destruction of Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
065C3ZZ	Destruction of Right Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
065C4ZZ	Destruction of Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
065D0ZZ	Destruction of Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
065D3ZZ	Destruction of Left Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
065D4ZZ	Destruction of Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
065F0ZZ	Destruction of Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
065F3ZZ	Destruction of Right External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
065F4ZZ	Destruction of Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
065G0ZZ	Destruction of Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
065G3ZZ	Destruction of Left External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
065G4ZZ	Destruction of Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
065H0ZZ	Destruction of Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
065H3ZZ	Destruction of Right Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
065H4ZZ	Destruction of Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
065J0ZZ	Destruction of Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
065J3ZZ	Destruction of Left Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
065J4ZZ	Destruction of Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06700DZ	Dilation of Inferior Vena Cava with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06700ZZ	Dilation of Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS
06703DZ	Dilation of Inferior Vena Cava with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06703ZZ	Dilation of Inferior Vena Cava, Percutaneous Approach	Procedure	ICD-10-PCS
06704DZ	Dilation of Inferior Vena Cava with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06704ZZ	Dilation of Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06710DZ	Dilation of Splenic Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06710ZZ	Dilation of Splenic Vein, Open Approach	Procedure	ICD-10-PCS
06713DZ	Dilation of Splenic Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06713ZZ	Dilation of Splenic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06714DZ	Dilation of Splenic Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06714ZZ	Dilation of Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06720DZ	Dilation of Gastric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06720ZZ	Dilation of Gastric Vein, Open Approach	Procedure	ICD-10-PCS
06723DZ	Dilation of Gastric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06723ZZ	Dilation of Gastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06724DZ	Dilation of Gastric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06724ZZ	Dilation of Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06730DZ	Dilation of Esophageal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06730ZZ	Dilation of Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
06733DZ	Dilation of Esophageal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06733ZZ	Dilation of Esophageal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06734DZ	Dilation of Esophageal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06734ZZ	Dilation of Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06740DZ	Dilation of Hepatic Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06740ZZ	Dilation of Hepatic Vein, Open Approach	Procedure	ICD-10-PCS
06743DZ	Dilation of Hepatic Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06743ZZ	Dilation of Hepatic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06744DZ	Dilation of Hepatic Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06744ZZ	Dilation of Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06750DZ	Dilation of Superior Mesenteric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06750ZZ	Dilation of Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06753DZ	Dilation of Superior Mesenteric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06753ZZ	Dilation of Superior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06754DZ	Dilation of Superior Mesenteric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06754ZZ	Dilation of Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06760DZ	Dilation of Inferior Mesenteric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06760ZZ	Dilation of Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06763DZ	Dilation of Inferior Mesenteric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06763ZZ	Dilation of Inferior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06764DZ	Dilation of Inferior Mesenteric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06764ZZ	Dilation of Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06770DZ	Dilation of Colic Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06770ZZ	Dilation of Colic Vein, Open Approach	Procedure	ICD-10-PCS
06773DZ	Dilation of Colic Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06773ZZ	Dilation of Colic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06774DZ	Dilation of Colic Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06774ZZ	Dilation of Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06780DZ	Dilation of Portal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06780ZZ	Dilation of Portal Vein, Open Approach	Procedure	ICD-10-PCS
06783DZ	Dilation of Portal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06783ZZ	Dilation of Portal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06784DZ	Dilation of Portal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06784ZZ	Dilation of Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06790DZ	Dilation of Right Renal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06790ZZ	Dilation of Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06793DZ	Dilation of Right Renal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06793ZZ	Dilation of Right Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06794DZ	Dilation of Right Renal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06794ZZ	Dilation of Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067B0DZ	Dilation of Left Renal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
067B0ZZ	Dilation of Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
067B3DZ	Dilation of Left Renal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
067B3ZZ	Dilation of Left Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
067B4DZ	Dilation of Left Renal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067B4ZZ	Dilation of Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067C0DZ	Dilation of Right Common Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
067C0ZZ	Dilation of Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
067C3DZ	Dilation of Right Common Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
067C3ZZ	Dilation of Right Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
067C4DZ	Dilation of Right Common Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067C4ZZ	Dilation of Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067D0DZ	Dilation of Left Common Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
067D0ZZ	Dilation of Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
067D3DZ	Dilation of Left Common Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
067D3ZZ	Dilation of Left Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
067D4DZ	Dilation of Left Common Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067D4ZZ	Dilation of Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067F0DZ	Dilation of Right External Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
067F0ZZ	Dilation of Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
067F3DZ	Dilation of Right External Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
067F3ZZ	Dilation of Right External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
067F4DZ	Dilation of Right External Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067F4ZZ	Dilation of Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067G0DZ	Dilation of Left External Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
067G0ZZ	Dilation of Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
067G3DZ	Dilation of Left External Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
067G3ZZ	Dilation of Left External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
067G4DZ	Dilation of Left External Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067G4ZZ	Dilation of Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067H0DZ	Dilation of Right Hypogastric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
067H0ZZ	Dilation of Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
067H3DZ	Dilation of Right Hypogastric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
067H3ZZ	Dilation of Right Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
067H4DZ	Dilation of Right Hypogastric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067H4ZZ	Dilation of Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067J0DZ	Dilation of Left Hypogastric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
067J0ZZ	Dilation of Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
067J3DZ	Dilation of Left Hypogastric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
067J3ZZ	Dilation of Left Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
067J4DZ	Dilation of Left Hypogastric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
067J4ZZ	Dilation of Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069000Z	Drainage of Inferior Vena Cava with Drainage Device, Open Approach	Procedure	ICD-10-PCS
06900ZZ	Drainage of Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS
069040Z	Drainage of Inferior Vena Cava with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06904ZZ	Drainage of Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069100Z	Drainage of Splenic Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
06910ZZ	Drainage of Splenic Vein, Open Approach	Procedure	ICD-10-PCS
069140Z	Drainage of Splenic Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06914ZZ	Drainage of Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069200Z	Drainage of Gastric Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
06920ZZ	Drainage of Gastric Vein, Open Approach	Procedure	ICD-10-PCS
069240Z	Drainage of Gastric Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06924ZZ	Drainage of Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069300Z	Drainage of Esophageal Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
06930ZZ	Drainage of Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
069340Z	Drainage of Esophageal Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06934ZZ	Drainage of Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069400Z	Drainage of Hepatic Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
06940ZZ	Drainage of Hepatic Vein, Open Approach	Procedure	ICD-10-PCS
069440Z	Drainage of Hepatic Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06944ZZ	Drainage of Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069500Z	Drainage of Superior Mesenteric Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
06950ZZ	Drainage of Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
069540Z	Drainage of Superior Mesenteric Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06954ZZ	Drainage of Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069600Z	Drainage of Inferior Mesenteric Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
06960ZZ	Drainage of Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
069640Z	Drainage of Inferior Mesenteric Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06964ZZ	Drainage of Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069700Z	Drainage of Colic Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
06970ZZ	Drainage of Colic Vein, Open Approach	Procedure	ICD-10-PCS
069740Z	Drainage of Colic Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06974ZZ	Drainage of Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069800Z	Drainage of Portal Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
06980ZZ	Drainage of Portal Vein, Open Approach	Procedure	ICD-10-PCS
069840Z	Drainage of Portal Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06984ZZ	Drainage of Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069900Z	Drainage of Right Renal Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
06990ZZ	Drainage of Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
069940Z	Drainage of Right Renal Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06994ZZ	Drainage of Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069B00Z	Drainage of Left Renal Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
069B0ZZ	Drainage of Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
069B40Z	Drainage of Left Renal Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
069B4ZZ	Drainage of Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069C00Z	Drainage of Right Common Iliac Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
069C0ZZ	Drainage of Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
069C40Z	Drainage of Right Common Iliac Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069C4ZZ	Drainage of Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069D00Z	Drainage of Left Common Iliac Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
069D0ZZ	Drainage of Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
069D40Z	Drainage of Left Common Iliac Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069D4ZZ	Drainage of Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069F00Z	Drainage of Right External Iliac Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
069F0ZZ	Drainage of Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
069F40Z	Drainage of Right External Iliac Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069F4ZZ	Drainage of Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069G00Z	Drainage of Left External Iliac Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
069G0ZZ	Drainage of Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
069G40Z	Drainage of Left External Iliac Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069G4ZZ	Drainage of Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069H00Z	Drainage of Right Hypogastric Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
069H0ZZ	Drainage of Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
069H40Z	Drainage of Right Hypogastric Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069H4ZZ	Drainage of Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069J00Z	Drainage of Left Hypogastric Vein with Drainage Device, Open Approach	Procedure	ICD-10-PCS
069J0ZZ	Drainage of Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
069J40Z	Drainage of Left Hypogastric Vein with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
069J4ZZ	Drainage of Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06B00ZZ	Excision of Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06B03ZZ	Excision of Inferior Vena Cava, Percutaneous Approach	Procedure	ICD-10-PCS
06B04ZZ	Excision of Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06B10ZZ	Excision of Splenic Vein, Open Approach	Procedure	ICD-10-PCS
06B13ZZ	Excision of Splenic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06B14ZZ	Excision of Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06B20ZZ	Excision of Gastric Vein, Open Approach	Procedure	ICD-10-PCS
06B23ZZ	Excision of Gastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06B24ZZ	Excision of Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06B30ZZ	Excision of Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
06B33ZZ	Excision of Esophageal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06B34ZZ	Excision of Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06B40ZZ	Excision of Hepatic Vein, Open Approach	Procedure	ICD-10-PCS
06B43ZZ	Excision of Hepatic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06B44ZZ	Excision of Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06B50ZZ	Excision of Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06B53ZZ	Excision of Superior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06B54ZZ	Excision of Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06B60ZZ	Excision of Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06B63ZZ	Excision of Inferior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06B64ZZ	Excision of Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06B70ZZ	Excision of Colic Vein, Open Approach	Procedure	ICD-10-PCS
06B73ZZ	Excision of Colic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06B74ZZ	Excision of Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06B80ZZ	Excision of Portal Vein, Open Approach	Procedure	ICD-10-PCS
06B83ZZ	Excision of Portal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06B84ZZ	Excision of Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06B90ZZ	Excision of Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06B93ZZ	Excision of Right Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06B94ZZ	Excision of Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06BB0ZZ	Excision of Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
06BB3ZZ	Excision of Left Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06BB4ZZ	Excision of Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06BC0ZZ	Excision of Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06BC3ZZ	Excision of Right Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06BC4ZZ	Excision of Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06BD0ZZ	Excision of Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06BD3ZZ	Excision of Left Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06BD4ZZ	Excision of Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06BF0ZZ	Excision of Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06BF3ZZ	Excision of Right External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06BF4ZZ	Excision of Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06BG0ZZ	Excision of Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06BG3ZZ	Excision of Left External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06BG4ZZ	Excision of Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06BH0ZZ	Excision of Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06BH3ZZ	Excision of Right Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06BH4ZZ	Excision of Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06BJ0ZZ	Excision of Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06BJ3ZZ	Excision of Left Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06BJ4ZZ	Excision of Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06C00ZZ	Extirpation of Matter from Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS
06C03ZZ	Extirpation of Matter from Inferior Vena Cava, Percutaneous Approach	Procedure	ICD-10-PCS
06C04ZZ	Extirpation of Matter from Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06C10ZZ	Extirpation of Matter from Splenic Vein, Open Approach	Procedure	ICD-10-PCS
06C13ZZ	Extirpation of Matter from Splenic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06C14ZZ	Extirpation of Matter from Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06C20ZZ	Extirpation of Matter from Gastric Vein, Open Approach	Procedure	ICD-10-PCS
06C23ZZ	Extirpation of Matter from Gastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06C24ZZ	Extirpation of Matter from Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06C30ZZ	Extirpation of Matter from Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
06C33ZZ	Extirpation of Matter from Esophageal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06C34ZZ	Extirpation of Matter from Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06C40ZZ	Extirpation of Matter from Hepatic Vein, Open Approach	Procedure	ICD-10-PCS
06C43ZZ	Extirpation of Matter from Hepatic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06C44ZZ	Extirpation of Matter from Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06C50ZZ	Extirpation of Matter from Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06C53ZZ	Extirpation of Matter from Superior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06C54ZZ	Extirpation of Matter from Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06C60ZZ	Extirpation of Matter from Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06C63ZZ	Extirpation of Matter from Inferior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06C64ZZ	Extirpation of Matter from Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06C70ZZ	Extirpation of Matter from Colic Vein, Open Approach	Procedure	ICD-10-PCS
06C73ZZ	Extirpation of Matter from Colic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06C74ZZ	Extirpation of Matter from Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06C80ZZ	Extirpation of Matter from Portal Vein, Open Approach	Procedure	ICD-10-PCS
06C83ZZ	Extirpation of Matter from Portal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06C84ZZ	Extirpation of Matter from Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06C90ZZ	Extirpation of Matter from Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06C93ZZ	Extirpation of Matter from Right Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06C94ZZ	Extirpation of Matter from Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06CB0ZZ	Extirpation of Matter from Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
06CB3ZZ	Extirpation of Matter from Left Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06CB4ZZ	Extirpation of Matter from Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06CC0ZZ	Extirpation of Matter from Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06CC3ZZ	Extirpation of Matter from Right Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06CC4ZZ	Extirpation of Matter from Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06CD0ZZ	Extirpation of Matter from Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06CD3ZZ	Extirpation of Matter from Left Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06CD4ZZ	Extirpation of Matter from Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06CF0ZZ	Extirpation of Matter from Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06CF3ZZ	Extirpation of Matter from Right External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06CF4ZZ	Extirpation of Matter from Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06CG0ZZ	Extirpation of Matter from Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06CG3ZZ	Extirpation of Matter from Left External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06CG4ZZ	Extirpation of Matter from Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06CH0ZZ	Extirpation of Matter from Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06CH3ZZ	Extirpation of Matter from Right Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06CH4ZZ	Extirpation of Matter from Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06CJ0ZZ	Extirpation of Matter from Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06CJ3ZZ	Extirpation of Matter from Left Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06CJ4ZZ	Extirpation of Matter from Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H003Z	Insertion of Infusion Device into Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS
06H00DZ	Insertion of Intraluminal Device into Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS
06H043Z	Insertion of Infusion Device into Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H04DZ	Insertion of Intraluminal Device into Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H103Z	Insertion of Infusion Device into Splenic Vein, Open Approach	Procedure	ICD-10-PCS
06H10DZ	Insertion of Intraluminal Device into Splenic Vein, Open Approach	Procedure	ICD-10-PCS
06H13DZ	Insertion of Intraluminal Device into Splenic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06H143Z	Insertion of Infusion Device into Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H14DZ	Insertion of Intraluminal Device into Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H203Z	Insertion of Infusion Device into Gastric Vein, Open Approach	Procedure	ICD-10-PCS
06H20DZ	Insertion of Intraluminal Device into Gastric Vein, Open Approach	Procedure	ICD-10-PCS
06H23DZ	Insertion of Intraluminal Device into Gastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06H243Z	Insertion of Infusion Device into Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H24DZ	Insertion of Intraluminal Device into Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H303Z	Insertion of Infusion Device into Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
06H30DZ	Insertion of Intraluminal Device into Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
06H33DZ	Insertion of Intraluminal Device into Esophageal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06H343Z	Insertion of Infusion Device into Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06H34DZ	Insertion of Intraluminal Device into Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H403Z	Insertion of Infusion Device into Hepatic Vein, Open Approach	Procedure	ICD-10-PCS
06H40DZ	Insertion of Intraluminal Device into Hepatic Vein, Open Approach	Procedure	ICD-10-PCS
06H43DZ	Insertion of Intraluminal Device into Hepatic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06H443Z	Insertion of Infusion Device into Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H44DZ	Insertion of Intraluminal Device into Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H503Z	Insertion of Infusion Device into Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06H50DZ	Insertion of Intraluminal Device into Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06H53DZ	Insertion of Intraluminal Device into Superior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06H543Z	Insertion of Infusion Device into Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H54DZ	Insertion of Intraluminal Device into Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H603Z	Insertion of Infusion Device into Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06H60DZ	Insertion of Intraluminal Device into Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06H63DZ	Insertion of Intraluminal Device into Inferior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06H643Z	Insertion of Infusion Device into Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H64DZ	Insertion of Intraluminal Device into Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H703Z	Insertion of Infusion Device into Colic Vein, Open Approach	Procedure	ICD-10-PCS
06H70DZ	Insertion of Intraluminal Device into Colic Vein, Open Approach	Procedure	ICD-10-PCS
06H73DZ	Insertion of Intraluminal Device into Colic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06H743Z	Insertion of Infusion Device into Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H74DZ	Insertion of Intraluminal Device into Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H803Z	Insertion of Infusion Device into Portal Vein, Open Approach	Procedure	ICD-10-PCS
06H80DZ	Insertion of Intraluminal Device into Portal Vein, Open Approach	Procedure	ICD-10-PCS
06H83DZ	Insertion of Intraluminal Device into Portal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06H843Z	Insertion of Infusion Device into Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06H84DZ	Insertion of Intraluminal Device into Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H903Z	Insertion of Infusion Device into Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06H90DZ	Insertion of Intraluminal Device into Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06H93DZ	Insertion of Intraluminal Device into Right Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06H943Z	Insertion of Infusion Device into Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06H94DZ	Insertion of Intraluminal Device into Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HB03Z	Insertion of Infusion Device into Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
06HB0DZ	Insertion of Intraluminal Device into Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
06HB3DZ	Insertion of Intraluminal Device into Left Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06HB43Z	Insertion of Infusion Device into Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HB4DZ	Insertion of Intraluminal Device into Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HC03Z	Insertion of Infusion Device into Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06HC0DZ	Insertion of Intraluminal Device into Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06HC3DZ	Insertion of Intraluminal Device into Right Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06HC43Z	Insertion of Infusion Device into Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HC4DZ	Insertion of Intraluminal Device into Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HD03Z	Insertion of Infusion Device into Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06HD0DZ	Insertion of Intraluminal Device into Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06HD3DZ	Insertion of Intraluminal Device into Left Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06HD43Z	Insertion of Infusion Device into Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HD4DZ	Insertion of Intraluminal Device into Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HF03Z	Insertion of Infusion Device into Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06HF0DZ	Insertion of Intraluminal Device into Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06HF3DZ	Insertion of Intraluminal Device into Right External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06HF43Z	Insertion of Infusion Device into Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HF4DZ	Insertion of Intraluminal Device into Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HG03Z	Insertion of Infusion Device into Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06HG0DZ	Insertion of Intraluminal Device into Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06HG3DZ	Insertion of Intraluminal Device into Left External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06HG43Z	Insertion of Infusion Device into Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HG4DZ	Insertion of Intraluminal Device into Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HH03Z	Insertion of Infusion Device into Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06HH0DZ	Insertion of Intraluminal Device into Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06HH3DZ	Insertion of Intraluminal Device into Right Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06HH43Z	Insertion of Infusion Device into Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HH4DZ	Insertion of Intraluminal Device into Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HJ03Z	Insertion of Infusion Device into Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06HJ0DZ	Insertion of Intraluminal Device into Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06HJ3DZ	Insertion of Intraluminal Device into Left Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06HJ43Z	Insertion of Infusion Device into Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06HJ4DZ	Insertion of Intraluminal Device into Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L00CZ	Occlusion of Inferior Vena Cava with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L00DZ	Occlusion of Inferior Vena Cava with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L00ZZ	Occlusion of Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS
06L03CZ	Occlusion of Inferior Vena Cava with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06L03DZ	Occlusion of Inferior Vena Cava with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L03ZZ	Occlusion of Inferior Vena Cava, Percutaneous Approach	Procedure	ICD-10-PCS
06L04CZ	Occlusion of Inferior Vena Cava with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L04DZ	Occlusion of Inferior Vena Cava with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L04ZZ	Occlusion of Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L10CZ	Occlusion of Splenic Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L10DZ	Occlusion of Splenic Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L10ZZ	Occlusion of Splenic Vein, Open Approach	Procedure	ICD-10-PCS
06L13CZ	Occlusion of Splenic Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L13DZ	Occlusion of Splenic Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L13ZZ	Occlusion of Splenic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06L14CZ	Occlusion of Splenic Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L14DZ	Occlusion of Splenic Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L14ZZ	Occlusion of Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L20CZ	Occlusion of Gastric Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L20DZ	Occlusion of Gastric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L20ZZ	Occlusion of Gastric Vein, Open Approach	Procedure	ICD-10-PCS
06L23CZ	Occlusion of Gastric Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L23DZ	Occlusion of Gastric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L23ZZ	Occlusion of Gastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06L24CZ	Occlusion of Gastric Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L24DZ	Occlusion of Gastric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L24ZZ	Occlusion of Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L30CZ	Occlusion of Esophageal Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L30DZ	Occlusion of Esophageal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L30ZZ	Occlusion of Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
06L33CZ	Occlusion of Esophageal Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06L33DZ	Occlusion of Esophageal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L33ZZ	Occlusion of Esophageal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06L34CZ	Occlusion of Esophageal Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L34DZ	Occlusion of Esophageal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L34ZZ	Occlusion of Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L40CZ	Occlusion of Hepatic Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L40DZ	Occlusion of Hepatic Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L40ZZ	Occlusion of Hepatic Vein, Open Approach	Procedure	ICD-10-PCS
06L43CZ	Occlusion of Hepatic Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L43DZ	Occlusion of Hepatic Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L43ZZ	Occlusion of Hepatic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06L44CZ	Occlusion of Hepatic Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L44DZ	Occlusion of Hepatic Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L44ZZ	Occlusion of Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L50CZ	Occlusion of Superior Mesenteric Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L50DZ	Occlusion of Superior Mesenteric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L50ZZ	Occlusion of Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06L53CZ	Occlusion of Superior Mesenteric Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L53DZ	Occlusion of Superior Mesenteric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L53ZZ	Occlusion of Superior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06L54CZ	Occlusion of Superior Mesenteric Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L54DZ	Occlusion of Superior Mesenteric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L54ZZ	Occlusion of Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L60CZ	Occlusion of Inferior Mesenteric Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L60DZ	Occlusion of Inferior Mesenteric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L60ZZ	Occlusion of Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06L63CZ	Occlusion of Inferior Mesenteric Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L63DZ	Occlusion of Inferior Mesenteric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L63ZZ	Occlusion of Inferior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06L64CZ	Occlusion of Inferior Mesenteric Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L64DZ	Occlusion of Inferior Mesenteric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L64ZZ	Occlusion of Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L70CZ	Occlusion of Colic Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L70DZ	Occlusion of Colic Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L70ZZ	Occlusion of Colic Vein, Open Approach	Procedure	ICD-10-PCS
06L73CZ	Occlusion of Colic Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L73DZ	Occlusion of Colic Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L73ZZ	Occlusion of Colic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06L74CZ	Occlusion of Colic Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L74DZ	Occlusion of Colic Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L74ZZ	Occlusion of Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L80CZ	Occlusion of Portal Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L80DZ	Occlusion of Portal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L80ZZ	Occlusion of Portal Vein, Open Approach	Procedure	ICD-10-PCS
06L83CZ	Occlusion of Portal Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L83DZ	Occlusion of Portal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L83ZZ	Occlusion of Portal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06L84CZ	Occlusion of Portal Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L84DZ	Occlusion of Portal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L84ZZ	Occlusion of Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L90CZ	Occlusion of Right Renal Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L90DZ	Occlusion of Right Renal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06L90ZZ	Occlusion of Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06L93CZ	Occlusion of Right Renal Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06L93DZ	Occlusion of Right Renal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06L93ZZ	Occlusion of Right Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06L94CZ	Occlusion of Right Renal Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L94DZ	Occlusion of Right Renal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06L94ZZ	Occlusion of Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LB0CZ	Occlusion of Left Renal Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LB0DZ	Occlusion of Left Renal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LB0ZZ	Occlusion of Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
06LB3CZ	Occlusion of Left Renal Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LB3DZ	Occlusion of Left Renal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LB3ZZ	Occlusion of Left Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06LB4CZ	Occlusion of Left Renal Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LB4DZ	Occlusion of Left Renal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LB4ZZ	Occlusion of Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LC0CZ	Occlusion of Right Common Iliac Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LC0DZ	Occlusion of Right Common Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LC0ZZ	Occlusion of Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06LC3CZ	Occlusion of Right Common Iliac Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LC3DZ	Occlusion of Right Common Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LC3ZZ	Occlusion of Right Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06LC4CZ	Occlusion of Right Common Iliac Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LC4DZ	Occlusion of Right Common Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LC4ZZ	Occlusion of Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LD0CZ	Occlusion of Left Common Iliac Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LD0DZ	Occlusion of Left Common Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LD0ZZ	Occlusion of Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06LD3CZ	Occlusion of Left Common Iliac Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LD3DZ	Occlusion of Left Common Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LD3ZZ	Occlusion of Left Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06LD4CZ	Occlusion of Left Common Iliac Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LD4DZ	Occlusion of Left Common Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LD4ZZ	Occlusion of Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LF0CZ	Occlusion of Right External Iliac Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LF0DZ	Occlusion of Right External Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LF0ZZ	Occlusion of Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06LF3CZ	Occlusion of Right External Iliac Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LF3DZ	Occlusion of Right External Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LF3ZZ	Occlusion of Right External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06LF4CZ	Occlusion of Right External Iliac Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LF4DZ	Occlusion of Right External Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LF4ZZ	Occlusion of Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LG0CZ	Occlusion of Left External Iliac Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LG0DZ	Occlusion of Left External Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LG0ZZ	Occlusion of Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06LG3CZ	Occlusion of Left External Iliac Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LG3DZ	Occlusion of Left External Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LG3ZZ	Occlusion of Left External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06LG4CZ	Occlusion of Left External Iliac Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LG4DZ	Occlusion of Left External Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LG4ZZ	Occlusion of Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06LH0CZ	Occlusion of Right Hypogastric Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LH0DZ	Occlusion of Right Hypogastric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LH0ZZ	Occlusion of Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06LH3CZ	Occlusion of Right Hypogastric Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LH3DZ	Occlusion of Right Hypogastric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LH3ZZ	Occlusion of Right Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06LH4CZ	Occlusion of Right Hypogastric Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LH4DZ	Occlusion of Right Hypogastric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LH4ZZ	Occlusion of Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LJ0CZ	Occlusion of Left Hypogastric Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LJ0DZ	Occlusion of Left Hypogastric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06LJ0ZZ	Occlusion of Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06LJ3CZ	Occlusion of Left Hypogastric Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LJ3DZ	Occlusion of Left Hypogastric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06LJ3ZZ	Occlusion of Left Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06LJ4CZ	Occlusion of Left Hypogastric Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LJ4DZ	Occlusion of Left Hypogastric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06LJ4ZZ	Occlusion of Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06N00ZZ	Release Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS
06N03ZZ	Release Inferior Vena Cava, Percutaneous Approach	Procedure	ICD-10-PCS
06N04ZZ	Release Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06N10ZZ	Release Splenic Vein, Open Approach	Procedure	ICD-10-PCS
06N13ZZ	Release Splenic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06N14ZZ	Release Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06N20ZZ	Release Gastric Vein, Open Approach	Procedure	ICD-10-PCS
06N23ZZ	Release Gastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06N24ZZ	Release Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06N30ZZ	Release Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
06N33ZZ	Release Esophageal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06N34ZZ	Release Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06N40ZZ	Release Hepatic Vein, Open Approach	Procedure	ICD-10-PCS
06N43ZZ	Release Hepatic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06N44ZZ	Release Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06N50ZZ	Release Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06N53ZZ	Release Superior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06N54ZZ	Release Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06N60ZZ	Release Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06N63ZZ	Release Inferior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06N64ZZ	Release Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06N70ZZ	Release Colic Vein, Open Approach	Procedure	ICD-10-PCS
06N73ZZ	Release Colic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06N74ZZ	Release Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06N80ZZ	Release Portal Vein, Open Approach	Procedure	ICD-10-PCS
06N83ZZ	Release Portal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06N84ZZ	Release Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06N90ZZ	Release Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06N93ZZ	Release Right Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06N94ZZ	Release Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06NB0ZZ	Release Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
06NB3ZZ	Release Left Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06NB4ZZ	Release Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06NC0ZZ	Release Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06NC3ZZ	Release Right Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06NC4ZZ	Release Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06ND0ZZ	Release Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06ND3ZZ	Release Left Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06ND4ZZ	Release Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06NF0ZZ	Release Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06NF3ZZ	Release Right External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06NF4ZZ	Release Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06NG0ZZ	Release Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06NG3ZZ	Release Left External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06NG4ZZ	Release Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06NH0ZZ	Release Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06NH3ZZ	Release Right Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06NH4ZZ	Release Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06NJ0ZZ	Release Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06NJ3ZZ	Release Left Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06NJ4ZZ	Release Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06Q00ZZ	Repair Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS
06Q03ZZ	Repair Inferior Vena Cava, Percutaneous Approach	Procedure	ICD-10-PCS
06Q04ZZ	Repair Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06Q10ZZ	Repair Splenic Vein, Open Approach	Procedure	ICD-10-PCS
06Q13ZZ	Repair Splenic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06Q14ZZ	Repair Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06Q20ZZ	Repair Gastric Vein, Open Approach	Procedure	ICD-10-PCS
06Q23ZZ	Repair Gastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06Q24ZZ	Repair Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06Q30ZZ	Repair Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
06Q33ZZ	Repair Esophageal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06Q34ZZ	Repair Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06Q40ZZ	Repair Hepatic Vein, Open Approach	Procedure	ICD-10-PCS
06Q43ZZ	Repair Hepatic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06Q44ZZ	Repair Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06Q50ZZ	Repair Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06Q53ZZ	Repair Superior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06Q54ZZ	Repair Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06Q60ZZ	Repair Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06Q63ZZ	Repair Inferior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06Q64ZZ	Repair Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06Q70ZZ	Repair Colic Vein, Open Approach	Procedure	ICD-10-PCS
06Q73ZZ	Repair Colic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06Q74ZZ	Repair Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06Q80ZZ	Repair Portal Vein, Open Approach	Procedure	ICD-10-PCS
06Q83ZZ	Repair Portal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06Q84ZZ	Repair Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06Q90ZZ	Repair Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06Q93ZZ	Repair Right Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06Q94ZZ	Repair Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06QB0ZZ	Repair Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
06QB3ZZ	Repair Left Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06QB4ZZ	Repair Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06QC0ZZ	Repair Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06QC3ZZ	Repair Right Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06QC4ZZ	Repair Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06QD0ZZ	Repair Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06QD3ZZ	Repair Left Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06QD4ZZ	Repair Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06QF0ZZ	Repair Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06QF3ZZ	Repair Right External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06QF4ZZ	Repair Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06QG0ZZ	Repair Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06QG3ZZ	Repair Left External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06QG4ZZ	Repair Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06QH0ZZ	Repair Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06QH3ZZ	Repair Right Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06QH4ZZ	Repair Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06QJ0ZZ	Repair Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06QJ3ZZ	Repair Left Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06QJ4ZZ	Repair Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R007Z	Replacement of Inferior Vena Cava with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R00JZ	Replacement of Inferior Vena Cava with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06R00KZ	Replacement of Inferior Vena Cava with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R047Z	Replacement of Inferior Vena Cava with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R04JZ	Replacement of Inferior Vena Cava with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R04KZ	Replacement of Inferior Vena Cava with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R107Z	Replacement of Splenic Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R10JZ	Replacement of Splenic Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06R10KZ	Replacement of Splenic Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R147Z	Replacement of Splenic Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R14JZ	Replacement of Splenic Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R14KZ	Replacement of Splenic Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R207Z	Replacement of Gastric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R20JZ	Replacement of Gastric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06R20KZ	Replacement of Gastric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06R247Z	Replacement of Gastric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R24JZ	Replacement of Gastric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R24KZ	Replacement of Gastric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R307Z	Replacement of Esophageal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R30JZ	Replacement of Esophageal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06R30KZ	Replacement of Esophageal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R347Z	Replacement of Esophageal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R34JZ	Replacement of Esophageal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R34KZ	Replacement of Esophageal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R407Z	Replacement of Hepatic Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R40JZ	Replacement of Hepatic Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06R40KZ	Replacement of Hepatic Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R447Z	Replacement of Hepatic Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R44JZ	Replacement of Hepatic Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R44KZ	Replacement of Hepatic Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R507Z	Replacement of Superior Mesenteric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R50JZ	Replacement of Superior Mesenteric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06R50KZ	Replacement of Superior Mesenteric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R547Z	Replacement of Superior Mesenteric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R54JZ	Replacement of Superior Mesenteric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R54KZ	Replacement of Superior Mesenteric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R607Z	Replacement of Inferior Mesenteric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06R60JZ	Replacement of Inferior Mesenteric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06R60KZ	Replacement of Inferior Mesenteric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R647Z	Replacement of Inferior Mesenteric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R64JZ	Replacement of Inferior Mesenteric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R64KZ	Replacement of Inferior Mesenteric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R707Z	Replacement of Colic Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R70JZ	Replacement of Colic Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06R70KZ	Replacement of Colic Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R747Z	Replacement of Colic Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R74JZ	Replacement of Colic Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R74KZ	Replacement of Colic Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R807Z	Replacement of Portal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R80JZ	Replacement of Portal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06R80KZ	Replacement of Portal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R847Z	Replacement of Portal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R84JZ	Replacement of Portal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R84KZ	Replacement of Portal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R907Z	Replacement of Right Renal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R90JZ	Replacement of Right Renal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06R90KZ	Replacement of Right Renal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06R947Z	Replacement of Right Renal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06R94JZ	Replacement of Right Renal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06R94KZ	Replacement of Right Renal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RB07Z	Replacement of Left Renal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RB0JZ	Replacement of Left Renal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06RB0KZ	Replacement of Left Renal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RB47Z	Replacement of Left Renal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RB4JZ	Replacement of Left Renal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RB4KZ	Replacement of Left Renal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RC07Z	Replacement of Right Common Iliac Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RC0JZ	Replacement of Right Common Iliac Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06RC0KZ	Replacement of Right Common Iliac Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RC47Z	Replacement of Right Common Iliac Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RC4JZ	Replacement of Right Common Iliac Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RC4KZ	Replacement of Right Common Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RD07Z	Replacement of Left Common Iliac Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RD0JZ	Replacement of Left Common Iliac Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06RD0KZ	Replacement of Left Common Iliac Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RD47Z	Replacement of Left Common Iliac Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RD4JZ	Replacement of Left Common Iliac Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RD4KZ	Replacement of Left Common Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RF07Z	Replacement of Right External Iliac Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RF0JZ	Replacement of Right External Iliac Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06RF0KZ	Replacement of Right External Iliac Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06RF47Z	Replacement of Right External Iliac Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RF4JZ	Replacement of Right External Iliac Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RF4KZ	Replacement of Right External Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RG07Z	Replacement of Left External Iliac Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RG0JZ	Replacement of Left External Iliac Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06RG0KZ	Replacement of Left External Iliac Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RG47Z	Replacement of Left External Iliac Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RG4JZ	Replacement of Left External Iliac Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RG4KZ	Replacement of Left External Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RH07Z	Replacement of Right Hypogastric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RH0JZ	Replacement of Right Hypogastric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06RH0KZ	Replacement of Right Hypogastric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RH47Z	Replacement of Right Hypogastric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RH4JZ	Replacement of Right Hypogastric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RH4KZ	Replacement of Right Hypogastric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RJ07Z	Replacement of Left Hypogastric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RJ0JZ	Replacement of Left Hypogastric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06RJ0KZ	Replacement of Left Hypogastric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06RJ47Z	Replacement of Left Hypogastric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RJ4JZ	Replacement of Left Hypogastric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06RJ4KZ	Replacement of Left Hypogastric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06S00ZZ	Reposition Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS
06S03ZZ	Reposition Inferior Vena Cava, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06S04ZZ	Reposition Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06S10ZZ	Reposition Splenic Vein, Open Approach	Procedure	ICD-10-PCS
06S13ZZ	Reposition Splenic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06S14ZZ	Reposition Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06S20ZZ	Reposition Gastric Vein, Open Approach	Procedure	ICD-10-PCS
06S23ZZ	Reposition Gastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06S24ZZ	Reposition Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06S30ZZ	Reposition Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
06S33ZZ	Reposition Esophageal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06S34ZZ	Reposition Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06S40ZZ	Reposition Hepatic Vein, Open Approach	Procedure	ICD-10-PCS
06S43ZZ	Reposition Hepatic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06S44ZZ	Reposition Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06S50ZZ	Reposition Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06S53ZZ	Reposition Superior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06S54ZZ	Reposition Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06S60ZZ	Reposition Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06S63ZZ	Reposition Inferior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06S64ZZ	Reposition Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06S70ZZ	Reposition Colic Vein, Open Approach	Procedure	ICD-10-PCS
06S73ZZ	Reposition Colic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06S74ZZ	Reposition Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06S80ZZ	Reposition Portal Vein, Open Approach	Procedure	ICD-10-PCS
06S83ZZ	Reposition Portal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06S84ZZ	Reposition Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06S90ZZ	Reposition Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06S93ZZ	Reposition Right Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06S94ZZ	Reposition Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06SB0ZZ	Reposition Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
06SB3ZZ	Reposition Left Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06SB4ZZ	Reposition Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06SC0ZZ	Reposition Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06SC3ZZ	Reposition Right Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06SC4ZZ	Reposition Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06SD0ZZ	Reposition Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06SD3ZZ	Reposition Left Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06SD4ZZ	Reposition Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06SF0ZZ	Reposition Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06SF3ZZ	Reposition Right External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06SF4ZZ	Reposition Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06SG0ZZ	Reposition Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06SG3ZZ	Reposition Left External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06SG4ZZ	Reposition Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06SH0ZZ	Reposition Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06SH3ZZ	Reposition Right Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06SH4ZZ	Reposition Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06SJ0ZZ	Reposition Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06SJ3ZZ	Reposition Left Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06SJ4ZZ	Reposition Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U007Z	Supplement Inferior Vena Cava with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U00JZ	Supplement Inferior Vena Cava with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06U00KZ	Supplement Inferior Vena Cava with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U037Z	Supplement Inferior Vena Cava with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U03JZ	Supplement Inferior Vena Cava with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U03KZ	Supplement Inferior Vena Cava with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U047Z	Supplement Inferior Vena Cava with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U04JZ	Supplement Inferior Vena Cava with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U04KZ	Supplement Inferior Vena Cava with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U107Z	Supplement Splenic Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U10JZ	Supplement Splenic Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06U10KZ	Supplement Splenic Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U137Z	Supplement Splenic Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U13JZ	Supplement Splenic Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U13KZ	Supplement Splenic Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06U147Z	Supplement Splenic Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U14JZ	Supplement Splenic Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U14KZ	Supplement Splenic Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U207Z	Supplement Gastric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U20JZ	Supplement Gastric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06U20KZ	Supplement Gastric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U237Z	Supplement Gastric Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U23JZ	Supplement Gastric Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U23KZ	Supplement Gastric Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U247Z	Supplement Gastric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U24JZ	Supplement Gastric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U24KZ	Supplement Gastric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U307Z	Supplement Esophageal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U30JZ	Supplement Esophageal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06U30KZ	Supplement Esophageal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U337Z	Supplement Esophageal Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U33JZ	Supplement Esophageal Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U33KZ	Supplement Esophageal Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U347Z	Supplement Esophageal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U34JZ	Supplement Esophageal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U34KZ	Supplement Esophageal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U407Z	Supplement Hepatic Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06U40JZ	Supplement Hepatic Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06U40KZ	Supplement Hepatic Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U437Z	Supplement Hepatic Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U43JZ	Supplement Hepatic Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U43KZ	Supplement Hepatic Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U447Z	Supplement Hepatic Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U44JZ	Supplement Hepatic Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U44KZ	Supplement Hepatic Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U507Z	Supplement Superior Mesenteric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U50JZ	Supplement Superior Mesenteric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06U50KZ	Supplement Superior Mesenteric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U537Z	Supplement Superior Mesenteric Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U53JZ	Supplement Superior Mesenteric Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U53KZ	Supplement Superior Mesenteric Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U547Z	Supplement Superior Mesenteric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U54JZ	Supplement Superior Mesenteric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U54KZ	Supplement Superior Mesenteric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U607Z	Supplement Inferior Mesenteric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U60JZ	Supplement Inferior Mesenteric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06U60KZ	Supplement Inferior Mesenteric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U637Z	Supplement Inferior Mesenteric Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U63JZ	Supplement Inferior Mesenteric Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06U63KZ	Supplement Inferior Mesenteric Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U647Z	Supplement Inferior Mesenteric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U64JZ	Supplement Inferior Mesenteric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U64KZ	Supplement Inferior Mesenteric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U707Z	Supplement Colic Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U70JZ	Supplement Colic Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06U70KZ	Supplement Colic Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U737Z	Supplement Colic Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U73JZ	Supplement Colic Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U73KZ	Supplement Colic Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U747Z	Supplement Colic Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U74JZ	Supplement Colic Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U74KZ	Supplement Colic Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U807Z	Supplement Portal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U80JZ	Supplement Portal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06U80KZ	Supplement Portal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U837Z	Supplement Portal Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U83JZ	Supplement Portal Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U83KZ	Supplement Portal Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U847Z	Supplement Portal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U84JZ	Supplement Portal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U84KZ	Supplement Portal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U907Z	Supplement Right Renal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06U90JZ	Supplement Right Renal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06U90KZ	Supplement Right Renal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06U937Z	Supplement Right Renal Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U93JZ	Supplement Right Renal Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U93KZ	Supplement Right Renal Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06U947Z	Supplement Right Renal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U94JZ	Supplement Right Renal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06U94KZ	Supplement Right Renal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UB07Z	Supplement Left Renal Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UB0JZ	Supplement Left Renal Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06UB0KZ	Supplement Left Renal Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UB37Z	Supplement Left Renal Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UB3JZ	Supplement Left Renal Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UB3KZ	Supplement Left Renal Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UB47Z	Supplement Left Renal Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UB4JZ	Supplement Left Renal Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UB4KZ	Supplement Left Renal Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UC07Z	Supplement Right Common Iliac Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UC0JZ	Supplement Right Common Iliac Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06UC0KZ	Supplement Right Common Iliac Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UC37Z	Supplement Right Common Iliac Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UC3JZ	Supplement Right Common Iliac Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06UC3KZ	Supplement Right Common Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UC47Z	Supplement Right Common Iliac Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UC4JZ	Supplement Right Common Iliac Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UC4KZ	Supplement Right Common Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UD07Z	Supplement Left Common Iliac Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UD0JZ	Supplement Left Common Iliac Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06UD0KZ	Supplement Left Common Iliac Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UD37Z	Supplement Left Common Iliac Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UD3JZ	Supplement Left Common Iliac Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UD3KZ	Supplement Left Common Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UD47Z	Supplement Left Common Iliac Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UD4JZ	Supplement Left Common Iliac Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UD4KZ	Supplement Left Common Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UF07Z	Supplement Right External Iliac Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UF0JZ	Supplement Right External Iliac Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06UF0KZ	Supplement Right External Iliac Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UF37Z	Supplement Right External Iliac Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UF3JZ	Supplement Right External Iliac Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UF3KZ	Supplement Right External Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UF47Z	Supplement Right External Iliac Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UF4JZ	Supplement Right External Iliac Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UF4KZ	Supplement Right External Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06UG07Z	Supplement Left External Iliac Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UG0JZ	Supplement Left External Iliac Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06UG0KZ	Supplement Left External Iliac Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UG37Z	Supplement Left External Iliac Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UG3JZ	Supplement Left External Iliac Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UG3KZ	Supplement Left External Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UG47Z	Supplement Left External Iliac Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UG4JZ	Supplement Left External Iliac Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UG4KZ	Supplement Left External Iliac Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UH07Z	Supplement Right Hypogastric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UH0JZ	Supplement Right Hypogastric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06UH0KZ	Supplement Right Hypogastric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UH37Z	Supplement Right Hypogastric Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UH3JZ	Supplement Right Hypogastric Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UH3KZ	Supplement Right Hypogastric Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UH47Z	Supplement Right Hypogastric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UH4JZ	Supplement Right Hypogastric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UH4KZ	Supplement Right Hypogastric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UJ07Z	Supplement Left Hypogastric Vein with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UJ0JZ	Supplement Left Hypogastric Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
06UJ0KZ	Supplement Left Hypogastric Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
06UJ37Z	Supplement Left Hypogastric Vein with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06UJ3JZ	Supplement Left Hypogastric Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UJ3KZ	Supplement Left Hypogastric Vein with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
06UJ47Z	Supplement Left Hypogastric Vein with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UJ4JZ	Supplement Left Hypogastric Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06UJ4KZ	Supplement Left Hypogastric Vein with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V00CZ	Restriction of Inferior Vena Cava with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V00DZ	Restriction of Inferior Vena Cava with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V00ZZ	Restriction of Inferior Vena Cava, Open Approach	Procedure	ICD-10-PCS
06V03CZ	Restriction of Inferior Vena Cava with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V03DZ	Restriction of Inferior Vena Cava with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V03ZZ	Restriction of Inferior Vena Cava, Percutaneous Approach	Procedure	ICD-10-PCS
06V04CZ	Restriction of Inferior Vena Cava with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V04DZ	Restriction of Inferior Vena Cava with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V04ZZ	Restriction of Inferior Vena Cava, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V10CZ	Restriction of Splenic Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V10DZ	Restriction of Splenic Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V10ZZ	Restriction of Splenic Vein, Open Approach	Procedure	ICD-10-PCS
06V13CZ	Restriction of Splenic Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V13DZ	Restriction of Splenic Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V13ZZ	Restriction of Splenic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06V14CZ	Restriction of Splenic Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V14DZ	Restriction of Splenic Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V14ZZ	Restriction of Splenic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V20CZ	Restriction of Gastric Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06V20DZ	Restriction of Gastric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V20ZZ	Restriction of Gastric Vein, Open Approach	Procedure	ICD-10-PCS
06V23CZ	Restriction of Gastric Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V23DZ	Restriction of Gastric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V23ZZ	Restriction of Gastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06V24CZ	Restriction of Gastric Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V24DZ	Restriction of Gastric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V24ZZ	Restriction of Gastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V30CZ	Restriction of Esophageal Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V30DZ	Restriction of Esophageal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V30ZZ	Restriction of Esophageal Vein, Open Approach	Procedure	ICD-10-PCS
06V33CZ	Restriction of Esophageal Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V33DZ	Restriction of Esophageal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V33ZZ	Restriction of Esophageal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06V34CZ	Restriction of Esophageal Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V34DZ	Restriction of Esophageal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V34ZZ	Restriction of Esophageal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V40CZ	Restriction of Hepatic Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V40DZ	Restriction of Hepatic Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V40ZZ	Restriction of Hepatic Vein, Open Approach	Procedure	ICD-10-PCS
06V43CZ	Restriction of Hepatic Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V43DZ	Restriction of Hepatic Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V43ZZ	Restriction of Hepatic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06V44CZ	Restriction of Hepatic Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V44DZ	Restriction of Hepatic Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V44ZZ	Restriction of Hepatic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06V50CZ	Restriction of Superior Mesenteric Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V50DZ	Restriction of Superior Mesenteric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V50ZZ	Restriction of Superior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06V53CZ	Restriction of Superior Mesenteric Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V53DZ	Restriction of Superior Mesenteric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V53ZZ	Restriction of Superior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06V54CZ	Restriction of Superior Mesenteric Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V54DZ	Restriction of Superior Mesenteric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V54ZZ	Restriction of Superior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V60CZ	Restriction of Inferior Mesenteric Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V60DZ	Restriction of Inferior Mesenteric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V60ZZ	Restriction of Inferior Mesenteric Vein, Open Approach	Procedure	ICD-10-PCS
06V63CZ	Restriction of Inferior Mesenteric Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V63DZ	Restriction of Inferior Mesenteric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V63ZZ	Restriction of Inferior Mesenteric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06V64CZ	Restriction of Inferior Mesenteric Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V64DZ	Restriction of Inferior Mesenteric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V64ZZ	Restriction of Inferior Mesenteric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V70CZ	Restriction of Colic Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V70DZ	Restriction of Colic Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V70ZZ	Restriction of Colic Vein, Open Approach	Procedure	ICD-10-PCS
06V73CZ	Restriction of Colic Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V73DZ	Restriction of Colic Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V73ZZ	Restriction of Colic Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06V74CZ	Restriction of Colic Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V74DZ	Restriction of Colic Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06V74ZZ	Restriction of Colic Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V80CZ	Restriction of Portal Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V80DZ	Restriction of Portal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V80ZZ	Restriction of Portal Vein, Open Approach	Procedure	ICD-10-PCS
06V83CZ	Restriction of Portal Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V83DZ	Restriction of Portal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V83ZZ	Restriction of Portal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06V84CZ	Restriction of Portal Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V84DZ	Restriction of Portal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V84ZZ	Restriction of Portal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V90CZ	Restriction of Right Renal Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V90DZ	Restriction of Right Renal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06V90ZZ	Restriction of Right Renal Vein, Open Approach	Procedure	ICD-10-PCS
06V93CZ	Restriction of Right Renal Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V93DZ	Restriction of Right Renal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06V93ZZ	Restriction of Right Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06V94CZ	Restriction of Right Renal Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V94DZ	Restriction of Right Renal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06V94ZZ	Restriction of Right Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VB0CZ	Restriction of Left Renal Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VB0DZ	Restriction of Left Renal Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VB0ZZ	Restriction of Left Renal Vein, Open Approach	Procedure	ICD-10-PCS
06VB3CZ	Restriction of Left Renal Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VB3DZ	Restriction of Left Renal Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VB3ZZ	Restriction of Left Renal Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06VB4CZ	Restriction of Left Renal Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06VB4DZ	Restriction of Left Renal Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VB4ZZ	Restriction of Left Renal Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VC0CZ	Restriction of Right Common Iliac Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VC0DZ	Restriction of Right Common Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VC0ZZ	Restriction of Right Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06VC3CZ	Restriction of Right Common Iliac Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VC3DZ	Restriction of Right Common Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VC3ZZ	Restriction of Right Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06VC4CZ	Restriction of Right Common Iliac Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VC4DZ	Restriction of Right Common Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VC4ZZ	Restriction of Right Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VD0CZ	Restriction of Left Common Iliac Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VD0DZ	Restriction of Left Common Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VD0ZZ	Restriction of Left Common Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06VD3CZ	Restriction of Left Common Iliac Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VD3DZ	Restriction of Left Common Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VD3ZZ	Restriction of Left Common Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06VD4CZ	Restriction of Left Common Iliac Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VD4DZ	Restriction of Left Common Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VD4ZZ	Restriction of Left Common Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VF0CZ	Restriction of Right External Iliac Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VF0DZ	Restriction of Right External Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VF0ZZ	Restriction of Right External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06VF3CZ	Restriction of Right External Iliac Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VF3DZ	Restriction of Right External Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06VF3ZZ	Restriction of Right External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06VF4CZ	Restriction of Right External Iliac Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VF4DZ	Restriction of Right External Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VF4ZZ	Restriction of Right External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VG0CZ	Restriction of Left External Iliac Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VG0DZ	Restriction of Left External Iliac Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VG0ZZ	Restriction of Left External Iliac Vein, Open Approach	Procedure	ICD-10-PCS
06VG3CZ	Restriction of Left External Iliac Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VG3DZ	Restriction of Left External Iliac Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VG3ZZ	Restriction of Left External Iliac Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06VG4CZ	Restriction of Left External Iliac Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VG4DZ	Restriction of Left External Iliac Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VG4ZZ	Restriction of Left External Iliac Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VH0CZ	Restriction of Right Hypogastric Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VH0DZ	Restriction of Right Hypogastric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VH0ZZ	Restriction of Right Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS
06VH3CZ	Restriction of Right Hypogastric Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VH3DZ	Restriction of Right Hypogastric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VH3ZZ	Restriction of Right Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06VH4CZ	Restriction of Right Hypogastric Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VH4DZ	Restriction of Right Hypogastric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VH4ZZ	Restriction of Right Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VJ0CZ	Restriction of Left Hypogastric Vein with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VJ0DZ	Restriction of Left Hypogastric Vein with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
06VJ0ZZ	Restriction of Left Hypogastric Vein, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
06VJ3CZ	Restriction of Left Hypogastric Vein with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VJ3DZ	Restriction of Left Hypogastric Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
06VJ3ZZ	Restriction of Left Hypogastric Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06VJ4CZ	Restriction of Left Hypogastric Vein with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VJ4DZ	Restriction of Left Hypogastric Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
06VJ4ZZ	Restriction of Left Hypogastric Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07100ZL	Bypass Head Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07104ZL	Bypass Head Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07110ZL	Bypass Right Neck Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07114ZL	Bypass Right Neck Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07120ZL	Bypass Left Neck Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07124ZL	Bypass Left Neck Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07130ZL	Bypass Right Upper Extremity Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07134ZL	Bypass Right Upper Extremity Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07140ZL	Bypass Left Upper Extremity Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07144ZL	Bypass Left Upper Extremity Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07150ZL	Bypass Right Axillary Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07154ZL	Bypass Right Axillary Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07160ZL	Bypass Left Axillary Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07164ZL	Bypass Left Axillary Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07170ZL	Bypass Thorax Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07174ZL	Bypass Thorax Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07180ZL	Bypass Right Internal Mammary Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07184ZL	Bypass Right Internal Mammary Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07190ZL	Bypass Left Internal Mammary Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
07194ZL	Bypass Left Internal Mammary Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071B0Z3	Bypass Mesenteric Lymphatic to Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
071B0Z4	Bypass Mesenteric Lymphatic to Central Vein, Open Approach	Procedure	ICD-10-PCS
071B0Z7	Bypass Mesenteric Lymphatic to Lymphatic, Open Approach	Procedure	ICD-10-PCS
071B0ZK	Bypass Mesenteric Lymphatic to Thoracic Duct, Open Approach	Procedure	ICD-10-PCS
071B0ZL	Bypass Mesenteric Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
071B4Z3	Bypass Mesenteric Lymphatic to Peripheral Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071B4Z4	Bypass Mesenteric Lymphatic to Central Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071B4Z7	Bypass Mesenteric Lymphatic to Lymphatic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071B4ZK	Bypass Mesenteric Lymphatic to Thoracic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071B4ZL	Bypass Mesenteric Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071C0ZL	Bypass Pelvis Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
071C4ZL	Bypass Pelvis Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071D0ZL	Bypass Aortic Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
071D4ZL	Bypass Aortic Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071F0ZL	Bypass Right Lower Extremity Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
071F4ZL	Bypass Right Lower Extremity Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071G0ZL	Bypass Left Lower Extremity Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
071G4ZL	Bypass Left Lower Extremity Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071H0ZL	Bypass Right Inguinal Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
071H4ZL	Bypass Right Inguinal Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071J0ZL	Bypass Left Inguinal Lymphatic to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
071J4ZL	Bypass Left Inguinal Lymphatic to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071K0ZL	Bypass Thoracic Duct to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
071K4ZL	Bypass Thoracic Duct to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071L0Z3	Bypass Cisterna Chyli to Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
071L0Z4	Bypass Cisterna Chyli to Central Vein, Open Approach	Procedure	ICD-10-PCS
071L0Z7	Bypass Cisterna Chyli to Lymphatic, Open Approach	Procedure	ICD-10-PCS
071L0ZK	Bypass Cisterna Chyli to Thoracic Duct, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
071L0ZL	Bypass Cisterna Chyli to Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
071L4Z3	Bypass Cisterna Chyli to Peripheral Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071L4Z4	Bypass Cisterna Chyli to Central Vein, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071L4Z7	Bypass Cisterna Chyli to Lymphatic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071L4ZK	Bypass Cisterna Chyli to Thoracic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
071L4ZL	Bypass Cisterna Chyli to Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
075B0ZZ	Destruction of Mesenteric Lymphatic, Open Approach	Procedure	ICD-10-PCS
075B3ZZ	Destruction of Mesenteric Lymphatic, Percutaneous Approach	Procedure	ICD-10-PCS
075B4ZZ	Destruction of Mesenteric Lymphatic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
075L0ZZ	Destruction of Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
075L3ZZ	Destruction of Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
075L4ZZ	Destruction of Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
075P0ZZ	Destruction of Spleen, Open Approach	Procedure	ICD-10-PCS
075P3ZZ	Destruction of Spleen, Percutaneous Approach	Procedure	ICD-10-PCS
075P4ZZ	Destruction of Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
079B00Z	Drainage of Mesenteric Lymphatic with Drainage Device, Open Approach	Procedure	ICD-10-PCS
079B0ZZ	Drainage of Mesenteric Lymphatic, Open Approach	Procedure	ICD-10-PCS
079B40Z	Drainage of Mesenteric Lymphatic with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
079B4ZZ	Drainage of Mesenteric Lymphatic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
079L00Z	Drainage of Cisterna Chyli with Drainage Device, Open Approach	Procedure	ICD-10-PCS
079L0ZZ	Drainage of Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
079L40Z	Drainage of Cisterna Chyli with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
079L4ZZ	Drainage of Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
079P00Z	Drainage of Spleen with Drainage Device, Open Approach	Procedure	ICD-10-PCS
079P0ZZ	Drainage of Spleen, Open Approach	Procedure	ICD-10-PCS
079P40Z	Drainage of Spleen with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
079P4ZZ	Drainage of Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07BB0ZZ	Excision of Mesenteric Lymphatic, Open Approach	Procedure	ICD-10-PCS
07BB3ZZ	Excision of Mesenteric Lymphatic, Percutaneous Approach	Procedure	ICD-10-PCS
07BB4ZZ	Excision of Mesenteric Lymphatic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07BL0ZZ	Excision of Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07BL3ZZ	Excision of Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
07BL4ZZ	Excision of Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07BP0ZZ	Excision of Spleen, Open Approach	Procedure	ICD-10-PCS
07BP3ZZ	Excision of Spleen, Percutaneous Approach	Procedure	ICD-10-PCS
07BP4ZZ	Excision of Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07CB0ZZ	Extirpation of Matter from Mesenteric Lymphatic, Open Approach	Procedure	ICD-10-PCS
07CB3ZZ	Extirpation of Matter from Mesenteric Lymphatic, Percutaneous Approach	Procedure	ICD-10-PCS
07CB4ZZ	Extirpation of Matter from Mesenteric Lymphatic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07CL0ZZ	Extirpation of Matter from Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07CL3ZZ	Extirpation of Matter from Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07CL4ZZ	Extirpation of Matter from Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07CP0ZZ	Extirpation of Matter from Spleen, Open Approach	Procedure	ICD-10-PCS
07CP4ZZ	Extirpation of Matter from Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07HL01Z	Insertion of Radioactive Element into Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07HL03Z	Insertion of Infusion Device into Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07HL0YZ	Insertion of Other Device into Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07HL41Z	Insertion of Radioactive Element into Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07HL43Z	Insertion of Infusion Device into Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07HL4YZ	Insertion of Other Device into Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07HP01Z	Insertion of Radioactive Element into Spleen, Open Approach	Procedure	ICD-10-PCS
07HP03Z	Insertion of Infusion Device into Spleen, Open Approach	Procedure	ICD-10-PCS
07HP0YZ	Insertion of Other Device into Spleen, Open Approach	Procedure	ICD-10-PCS
07HP41Z	Insertion of Radioactive Element into Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07HP43Z	Insertion of Infusion Device into Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07HP4YZ	Insertion of Other Device into Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07LL0CZ	Occlusion of Cisterna Chyli with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
07LL0DZ	Occlusion of Cisterna Chyli with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
07LL0ZZ	Occlusion of Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07LL3CZ	Occlusion of Cisterna Chyli with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
07LL3DZ	Occlusion of Cisterna Chyli with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
07LL3ZZ	Occlusion of Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07LL4CZ	Occlusion of Cisterna Chyli with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07LL4DZ	Occlusion of Cisterna Chyli with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07LL4ZZ	Occlusion of Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07NL0ZZ	Release Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07NL3ZZ	Release Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07NL4ZZ	Release Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07NP0ZZ	Release Spleen, Open Approach	Procedure	ICD-10-PCS
07NP3ZZ	Release Spleen, Percutaneous Approach	Procedure	ICD-10-PCS
07NP4ZZ	Release Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07PL00Z	Removal of Drainage Device from Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07PL03Z	Removal of Infusion Device from Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07PL07Z	Removal of Autologous Tissue Substitute from Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07PL0CZ	Removal of Extraluminal Device from Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07PL0DZ	Removal of Intraluminal Device from Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07PL0JZ	Removal of Synthetic Substitute from Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07PL0KZ	Removal of Nonautologous Tissue Substitute from Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07PL0YZ	Removal of Other Device from Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07PL30Z	Removal of Drainage Device from Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07PL33Z	Removal of Infusion Device from Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07PL37Z	Removal of Autologous Tissue Substitute from Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07PL3CZ	Removal of Extraluminal Device from Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07PL3DZ	Removal of Intraluminal Device from Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07PL3JZ	Removal of Synthetic Substitute from Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07PL3KZ	Removal of Nonautologous Tissue Substitute from Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07PL40Z	Removal of Drainage Device from Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07PL43Z	Removal of Infusion Device from Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
07PL47Z	Removal of Autologous Tissue Substitute from Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07PL4CZ	Removal of Extraluminal Device from Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07PL4DZ	Removal of Intraluminal Device from Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07PL4JZ	Removal of Synthetic Substitute from Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07PL4KZ	Removal of Nonautologous Tissue Substitute from Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07PL4YZ	Removal of Other Device from Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07PP00Z	Removal of Drainage Device from Spleen, Open Approach	Procedure	ICD-10-PCS
07PP03Z	Removal of Infusion Device from Spleen, Open Approach	Procedure	ICD-10-PCS
07PP0YZ	Removal of Other Device from Spleen, Open Approach	Procedure	ICD-10-PCS
07PP30Z	Removal of Drainage Device from Spleen, Percutaneous Approach	Procedure	ICD-10-PCS
07PP33Z	Removal of Infusion Device from Spleen, Percutaneous Approach	Procedure	ICD-10-PCS
07PP40Z	Removal of Drainage Device from Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07PP43Z	Removal of Infusion Device from Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07PP4YZ	Removal of Other Device from Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07QL0ZZ	Repair Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07QL3ZZ	Repair Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07QL4ZZ	Repair Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07QL8ZZ	Repair Cisterna Chyli, Via Natural or Artificial Opening Endoscopic Approach	Procedure	ICD-10-PCS
07QP0ZZ	Repair Spleen, Open Approach	Procedure	ICD-10-PCS
07QP3ZZ	Repair Spleen, Percutaneous Approach	Procedure	ICD-10-PCS
07QP4ZZ	Repair Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07SP0ZZ	Reposition Spleen, Open Approach	Procedure	ICD-10-PCS
07TB0ZZ	Resection of Mesenteric Lymphatic, Open Approach	Procedure	ICD-10-PCS
07TB4ZZ	Resection of Mesenteric Lymphatic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07TL0ZZ	Resection of Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07TL4ZZ	Resection of Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07TP0ZZ	Resection of Spleen, Open Approach	Procedure	ICD-10-PCS
07TP4ZG	Resection of spleen, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
07TP4ZZ	Resection of Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07UB07Z	Supplement Mesenteric Lymphatic with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
07UB0JZ	Supplement Mesenteric Lymphatic with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
07UB0KZ	Supplement Mesenteric Lymphatic with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
07UB47Z	Supplement Mesenteric Lymphatic with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07UB4JZ	Supplement Mesenteric Lymphatic with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07UB4KZ	Supplement Mesenteric Lymphatic with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07UL07Z	Supplement Cisterna Chyli with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
07UL0JZ	Supplement Cisterna Chyli with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
07UL0KZ	Supplement Cisterna Chyli with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
07UL47Z	Supplement Cisterna Chyli with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07UL4JZ	Supplement Cisterna Chyli with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07UL4KZ	Supplement Cisterna Chyli with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07VB0CZ	Restriction of Mesenteric Lymphatic with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
07VB0DZ	Restriction of Mesenteric Lymphatic with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
07VB0ZZ	Restriction of Mesenteric Lymphatic, Open Approach	Procedure	ICD-10-PCS
07VB3CZ	Restriction of Mesenteric Lymphatic with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
07VB3DZ	Restriction of Mesenteric Lymphatic with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
07VB3ZZ	Restriction of Mesenteric Lymphatic, Percutaneous Approach	Procedure	ICD-10-PCS
07VB4CZ	Restriction of Mesenteric Lymphatic with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07VB4DZ	Restriction of Mesenteric Lymphatic with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07VB4ZZ	Restriction of Mesenteric Lymphatic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07VL0CZ	Restriction of Cisterna Chyli with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
07VL0DZ	Restriction of Cisterna Chyli with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
07VL0ZZ	Restriction of Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
07VL3CZ	Restriction of Cisterna Chyli with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
07VL3DZ	Restriction of Cisterna Chyli with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
07VL3ZZ	Restriction of Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07VL4CZ	Restriction of Cisterna Chyli with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07VL4DZ	Restriction of Cisterna Chyli with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07VL4ZZ	Restriction of Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07WL00Z	Revision of Drainage Device in Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07WL03Z	Revision of Infusion Device in Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07WL07Z	Revision of Autologous Tissue Substitute in Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07WL0CZ	Revision of Extraluminal Device in Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07WL0DZ	Revision of Intraluminal Device in Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07WL0JZ	Revision of Synthetic Substitute in Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07WL0KZ	Revision of Nonautologous Tissue Substitute in Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07WL0YZ	Revision of Other Device in Cisterna Chyli, Open Approach	Procedure	ICD-10-PCS
07WL30Z	Revision of Drainage Device in Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07WL33Z	Revision of Infusion Device in Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07WL37Z	Revision of Autologous Tissue Substitute in Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07WL3CZ	Revision of Extraluminal Device in Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07WL3DZ	Revision of Intraluminal Device in Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07WL3JZ	Revision of Synthetic Substitute in Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07WL3KZ	Revision of Nonautologous Tissue Substitute in Cisterna Chyli, Percutaneous Approach	Procedure	ICD-10-PCS
07WL40Z	Revision of Drainage Device in Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07WL43Z	Revision of Infusion Device in Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07WL47Z	Revision of Autologous Tissue Substitute in Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07WL4CZ	Revision of Extraluminal Device in Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07WL4DZ	Revision of Intraluminal Device in Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
07WL4JZ	Revision of Synthetic Substitute in Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07WL4KZ	Revision of Nonautologous Tissue Substitute in Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07WL4YZ	Revision of Other Device in Cisterna Chyli, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07WP00Z	Revision of Drainage Device in Spleen, Open Approach	Procedure	ICD-10-PCS
07WP03Z	Revision of Infusion Device in Spleen, Open Approach	Procedure	ICD-10-PCS
07WP0YZ	Revision of Other Device in Spleen, Open Approach	Procedure	ICD-10-PCS
07WP30Z	Revision of Drainage Device in Spleen, Percutaneous Approach	Procedure	ICD-10-PCS
07WP33Z	Revision of Infusion Device in Spleen, Percutaneous Approach	Procedure	ICD-10-PCS
07WP40Z	Revision of Drainage Device in Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07WP43Z	Revision of Infusion Device in Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07WP4YZ	Revision of Other Device in Spleen, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
07YP0Z0	Transplantation of Spleen, Allogeneic, Open Approach	Procedure	ICD-10-PCS
07YP0Z1	Transplantation of Spleen, Syngeneic, Open Approach	Procedure	ICD-10-PCS
07YP0Z2	Transplantation of Spleen, Zooplastic, Open Approach	Procedure	ICD-10-PCS
091E070	Bypass Left Inner Ear to Endolymphatic with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D11076	Bypass Upper Esophagus to Stomach with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D11079	Bypass Upper Esophagus to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1107A	Bypass Upper Esophagus to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1107B	Bypass Upper Esophagus to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D110J6	Bypass Upper Esophagus to Stomach with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D110J9	Bypass Upper Esophagus to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D110JA	Bypass Upper Esophagus to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D110JB	Bypass Upper Esophagus to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D110K6	Bypass Upper Esophagus to Stomach with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D110K9	Bypass Upper Esophagus to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D110KA	Bypass Upper Esophagus to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D110KB	Bypass Upper Esophagus to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D110Z6	Bypass Upper Esophagus to Stomach, Open Approach	Procedure	ICD-10-PCS
0D110Z9	Bypass Upper Esophagus to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D110ZA	Bypass Upper Esophagus to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D110ZB	Bypass Upper Esophagus to Ileum, Open Approach	Procedure	ICD-10-PCS
0D11476	Bypass Upper Esophagus to Stomach with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D11479	Bypass Upper Esophagus to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1147A	Bypass Upper Esophagus to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1147B	Bypass Upper Esophagus to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114J6	Bypass Upper Esophagus to Stomach with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114J9	Bypass Upper Esophagus to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114JA	Bypass Upper Esophagus to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114JB	Bypass Upper Esophagus to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114K6	Bypass Upper Esophagus to Stomach with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114K9	Bypass Upper Esophagus to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114KA	Bypass Upper Esophagus to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114KB	Bypass Upper Esophagus to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114Z6	Bypass Upper Esophagus to Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114Z9	Bypass Upper Esophagus to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114ZA	Bypass Upper Esophagus to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D114ZB	Bypass Upper Esophagus to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D11876	Bypass Upper Esophagus to Stomach with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D11879	Bypass Upper Esophagus to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1187A	Bypass Upper Esophagus to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0D1187B	Bypass Upper Esophagus to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118J6	Bypass Upper Esophagus to Stomach with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118J9	Bypass Upper Esophagus to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118JA	Bypass Upper Esophagus to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118JB	Bypass Upper Esophagus to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118K6	Bypass Upper Esophagus to Stomach with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118K9	Bypass Upper Esophagus to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118KA	Bypass Upper Esophagus to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118KB	Bypass Upper Esophagus to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118Z6	Bypass Upper Esophagus to Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118Z9	Bypass Upper Esophagus to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118ZA	Bypass Upper Esophagus to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D118ZB	Bypass Upper Esophagus to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D12076	Bypass Middle Esophagus to Stomach with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D12079	Bypass Middle Esophagus to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1207A	Bypass Middle Esophagus to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1207B	Bypass Middle Esophagus to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D120J6	Bypass Middle Esophagus to Stomach with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D120J9	Bypass Middle Esophagus to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D120JA	Bypass Middle Esophagus to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D120JB	Bypass Middle Esophagus to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D120K6	Bypass Middle Esophagus to Stomach with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D120K9	Bypass Middle Esophagus to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D120KA	Bypass Middle Esophagus to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D120KB	Bypass Middle Esophagus to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D120Z6	Bypass Middle Esophagus to Stomach, Open Approach	Procedure	ICD-10-PCS
0D120Z9	Bypass Middle Esophagus to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D120ZA	Bypass Middle Esophagus to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D120ZB	Bypass Middle Esophagus to Ileum, Open Approach	Procedure	ICD-10-PCS
0D12476	Bypass Middle Esophagus to Stomach with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D12479	Bypass Middle Esophagus to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1247A	Bypass Middle Esophagus to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1247B	Bypass Middle Esophagus to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124J6	Bypass Middle Esophagus to Stomach with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124J9	Bypass Middle Esophagus to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124JA	Bypass Middle Esophagus to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124JB	Bypass Middle Esophagus to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124K6	Bypass Middle Esophagus to Stomach with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124K9	Bypass Middle Esophagus to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124KA	Bypass Middle Esophagus to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124KB	Bypass Middle Esophagus to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124Z6	Bypass Middle Esophagus to Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124Z9	Bypass Middle Esophagus to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124ZA	Bypass Middle Esophagus to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D124ZB	Bypass Middle Esophagus to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D12876	Bypass Middle Esophagus to Stomach with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D12879	Bypass Middle Esophagus to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1287A	Bypass Middle Esophagus to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1287B	Bypass Middle Esophagus to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128J6	Bypass Middle Esophagus to Stomach with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128J9	Bypass Middle Esophagus to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128JA	Bypass Middle Esophagus to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128JB	Bypass Middle Esophagus to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128K6	Bypass Middle Esophagus to Stomach with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128K9	Bypass Middle Esophagus to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128KA	Bypass Middle Esophagus to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128KB	Bypass Middle Esophagus to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128Z6	Bypass Middle Esophagus to Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128Z9	Bypass Middle Esophagus to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128ZA	Bypass Middle Esophagus to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D128ZB	Bypass Middle Esophagus to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D13076	Bypass Lower Esophagus to Stomach with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D13079	Bypass Lower Esophagus to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1307A	Bypass Lower Esophagus to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1307B	Bypass Lower Esophagus to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D130J6	Bypass Lower Esophagus to Stomach with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D130J9	Bypass Lower Esophagus to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D130JA	Bypass Lower Esophagus to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D130JB	Bypass Lower Esophagus to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D130K6	Bypass Lower Esophagus to Stomach with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D130K9	Bypass Lower Esophagus to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D130KA	Bypass Lower Esophagus to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D130KB	Bypass Lower Esophagus to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D130Z6	Bypass Lower Esophagus to Stomach, Open Approach	Procedure	ICD-10-PCS
0D130Z9	Bypass Lower Esophagus to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D130ZA	Bypass Lower Esophagus to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D130ZB	Bypass Lower Esophagus to Ileum, Open Approach	Procedure	ICD-10-PCS
0D13476	Bypass Lower Esophagus to Stomach with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D13479	Bypass Lower Esophagus to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1347A	Bypass Lower Esophagus to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1347B	Bypass Lower Esophagus to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D134J6	Bypass Lower Esophagus to Stomach with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D134J9	Bypass Lower Esophagus to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D134JA	Bypass Lower Esophagus to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D134JB	Bypass Lower Esophagus to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D134K6	Bypass Lower Esophagus to Stomach with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D134K9	Bypass Lower Esophagus to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D134KA	Bypass Lower Esophagus to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D134KB	Bypass Lower Esophagus to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D134Z6	Bypass Lower Esophagus to Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D134Z9	Bypass Lower Esophagus to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D134ZA	Bypass Lower Esophagus to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D134ZB	Bypass Lower Esophagus to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D13876	Bypass Lower Esophagus to Stomach with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D13879	Bypass Lower Esophagus to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1387A	Bypass Lower Esophagus to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1387B	Bypass Lower Esophagus to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138J6	Bypass Lower Esophagus to Stomach with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138J9	Bypass Lower Esophagus to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138JA	Bypass Lower Esophagus to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138JB	Bypass Lower Esophagus to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138K6	Bypass Lower Esophagus to Stomach with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138K9	Bypass Lower Esophagus to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138KA	Bypass Lower Esophagus to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138KB	Bypass Lower Esophagus to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138Z6	Bypass Lower Esophagus to Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138Z9	Bypass Lower Esophagus to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138ZA	Bypass Lower Esophagus to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D138ZB	Bypass Lower Esophagus to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D15076	Bypass Esophagus to Stomach with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D15079	Bypass Esophagus to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1507A	Bypass Esophagus to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1507B	Bypass Esophagus to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D150J6	Bypass Esophagus to Stomach with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D150J9	Bypass Esophagus to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D150JA	Bypass Esophagus to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D150JB	Bypass Esophagus to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D150K6	Bypass Esophagus to Stomach with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D150K9	Bypass Esophagus to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D150KA	Bypass Esophagus to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D150KB	Bypass Esophagus to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D150Z6	Bypass Esophagus to Stomach, Open Approach	Procedure	ICD-10-PCS
0D150Z9	Bypass Esophagus to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D150ZA	Bypass Esophagus to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D150ZB	Bypass Esophagus to Ileum, Open Approach	Procedure	ICD-10-PCS
0D15476	Bypass Esophagus to Stomach with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D15479	Bypass Esophagus to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1547A	Bypass Esophagus to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1547B	Bypass Esophagus to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D154J6	Bypass Esophagus to Stomach with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D154J9	Bypass Esophagus to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D154JA	Bypass Esophagus to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D154JB	Bypass Esophagus to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D154K6	Bypass Esophagus to Stomach with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D154K9	Bypass Esophagus to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D154KA	Bypass Esophagus to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D154KB	Bypass Esophagus to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D154Z6	Bypass Esophagus to Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D154Z9	Bypass Esophagus to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D154ZA	Bypass Esophagus to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D154ZB	Bypass Esophagus to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D15876	Bypass Esophagus to Stomach with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D15879	Bypass Esophagus to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1587A	Bypass Esophagus to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1587B	Bypass Esophagus to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158J6	Bypass Esophagus to Stomach with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158J9	Bypass Esophagus to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158JA	Bypass Esophagus to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158JB	Bypass Esophagus to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158K6	Bypass Esophagus to Stomach with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158K9	Bypass Esophagus to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158KA	Bypass Esophagus to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158KB	Bypass Esophagus to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158Z6	Bypass Esophagus to Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158Z9	Bypass Esophagus to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158ZA	Bypass Esophagus to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D158ZB	Bypass Esophagus to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D16074	Bypass Stomach to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D16079	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1607A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1607B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1607L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160J4	Bypass Stomach to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160J9	Bypass Stomach to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160JA	Bypass Stomach to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160JB	Bypass Stomach to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160K4	Bypass Stomach to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160Z4	Bypass Stomach to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0D160Z9	Bypass Stomach to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D160ZA	Bypass Stomach to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D160ZB	Bypass Stomach to Ileum, Open Approach	Procedure	ICD-10-PCS
0D160ZL	Bypass Stomach to Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D16474	Bypass Stomach to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D16479	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1647A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1647B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1647L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164J4	Bypass Stomach to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164J9	Bypass Stomach to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164JA	Bypass Stomach to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D164JB	Bypass Stomach to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164K4	Bypass Stomach to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164Z4	Bypass Stomach to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164Z9	Bypass Stomach to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164ZA	Bypass Stomach to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164ZB	Bypass Stomach to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164ZL	Bypass Stomach to Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D16879	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1687A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1687B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1687L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168J9	Bypass Stomach to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168JA	Bypass Stomach to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168JB	Bypass Stomach to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D168KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168Z9	Bypass Stomach to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168ZA	Bypass Stomach to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168ZB	Bypass Stomach to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168ZL	Bypass Stomach to Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D18074	Bypass Small Intestine to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D18078	Bypass Small Intestine to Small Intestine with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1807H	Bypass Small Intestine to Cecum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1807K	Bypass Small Intestine to Ascending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1807L	Bypass Small Intestine to Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1807M	Bypass Small Intestine to Descending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1807N	Bypass Small Intestine to Sigmoid Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1807P	Bypass Small Intestine to Rectum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1807Q	Bypass Small Intestine to Anus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D180J4	Bypass Small Intestine to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D180J8	Bypass Small Intestine to Small Intestine with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D180JH	Bypass Small Intestine to Cecum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D180JK	Bypass Small Intestine to Ascending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D180JL	Bypass Small Intestine to Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D180JM	Bypass Small Intestine to Descending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D180JN	Bypass Small Intestine to Sigmoid Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D180JP	Bypass Small Intestine to Rectum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D180JQ	Bypass Small Intestine to Anus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D180K4	Bypass Small Intestine to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D180K8	Bypass Small Intestine to Small Intestine with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D180KH	Bypass Small Intestine to Cecum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D180KK	Bypass Small Intestine to Ascending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D180KL	Bypass Small Intestine to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D180KM	Bypass Small Intestine to Descending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D180KN	Bypass Small Intestine to Sigmoid Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D180KP	Bypass Small Intestine to Rectum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D180KQ	Bypass Small Intestine to Anus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D180Z4	Bypass Small Intestine to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0D180Z8	Bypass Small Intestine to Small Intestine, Open Approach	Procedure	ICD-10-PCS
0D180ZH	Bypass Small Intestine to Cecum, Open Approach	Procedure	ICD-10-PCS
0D180ZK	Bypass Small Intestine to Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0D180ZL	Bypass Small Intestine to Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D180ZM	Bypass Small Intestine to Descending Colon, Open Approach	Procedure	ICD-10-PCS
0D180ZN	Bypass Small Intestine to Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0D180ZP	Bypass Small Intestine to Rectum, Open Approach	Procedure	ICD-10-PCS
0D180ZQ	Bypass Small Intestine to Anus, Open Approach	Procedure	ICD-10-PCS
0D18474	Bypass Small Intestine to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D18478	Bypass Small Intestine to Small Intestine with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1847H	Bypass Small Intestine to Cecum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1847K	Bypass Small Intestine to Ascending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1847L	Bypass Small Intestine to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1847M	Bypass Small Intestine to Descending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1847N	Bypass Small Intestine to Sigmoid Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1847P	Bypass Small Intestine to Rectum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1847Q	Bypass Small Intestine to Anus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184J4	Bypass Small Intestine to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184J8	Bypass Small Intestine to Small Intestine with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184JH	Bypass Small Intestine to Cecum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184JK	Bypass Small Intestine to Ascending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184JL	Bypass Small Intestine to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184JM	Bypass Small Intestine to Descending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184JN	Bypass Small Intestine to Sigmoid Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184JP	Bypass Small Intestine to Rectum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184JQ	Bypass Small Intestine to Anus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184K4	Bypass Small Intestine to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184K8	Bypass Small Intestine to Small Intestine with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184KH	Bypass Small Intestine to Cecum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184KK	Bypass Small Intestine to Ascending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184KL	Bypass Small Intestine to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184KM	Bypass Small Intestine to Descending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184KN	Bypass Small Intestine to Sigmoid Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184KP	Bypass Small Intestine to Rectum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184KQ	Bypass Small Intestine to Anus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184Z4	Bypass Small Intestine to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184Z8	Bypass Small Intestine to Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D184ZH	Bypass Small Intestine to Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184ZK	Bypass Small Intestine to Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184ZL	Bypass Small Intestine to Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184ZM	Bypass Small Intestine to Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184ZN	Bypass Small Intestine to Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184ZP	Bypass Small Intestine to Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D184ZQ	Bypass Small Intestine to Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D18874	Bypass Small Intestine to Cutaneous with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D18878	Bypass Small Intestine to Small Intestine with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1887H	Bypass Small Intestine to Cecum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1887K	Bypass Small Intestine to Ascending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1887L	Bypass Small Intestine to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1887M	Bypass Small Intestine to Descending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1887N	Bypass Small Intestine to Sigmoid Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1887P	Bypass Small Intestine to Rectum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1887Q	Bypass Small Intestine to Anus with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188J4	Bypass Small Intestine to Cutaneous with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188J8	Bypass Small Intestine to Small Intestine with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188JH	Bypass Small Intestine to Cecum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188JK	Bypass Small Intestine to Ascending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188JL	Bypass Small Intestine to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188JM	Bypass Small Intestine to Descending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D188JN	Bypass Small Intestine to Sigmoid Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188JP	Bypass Small Intestine to Rectum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188JQ	Bypass Small Intestine to Anus with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188K4	Bypass Small Intestine to Cutaneous with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188K8	Bypass Small Intestine to Small Intestine with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188KH	Bypass Small Intestine to Cecum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188KK	Bypass Small Intestine to Ascending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188KL	Bypass Small Intestine to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188KM	Bypass Small Intestine to Descending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188KN	Bypass Small Intestine to Sigmoid Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188KP	Bypass Small Intestine to Rectum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188KQ	Bypass Small Intestine to Anus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188Z4	Bypass Small Intestine to Cutaneous, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188Z8	Bypass Small Intestine to Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188ZH	Bypass Small Intestine to Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188ZK	Bypass Small Intestine to Ascending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188ZL	Bypass Small Intestine to Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188ZM	Bypass Small Intestine to Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188ZN	Bypass Small Intestine to Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188ZP	Bypass Small Intestine to Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D188ZQ	Bypass Small Intestine to Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D19074	Bypass Duodenum to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D19079	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1907A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1907B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1907L	Bypass Duodenum to Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190J4	Bypass Duodenum to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190JB	Bypass Duodenum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190JL	Bypass Duodenum to Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190K4	Bypass Duodenum to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190KL	Bypass Duodenum to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190Z4	Bypass Duodenum to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0D190Z9	Bypass Duodenum to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D190ZA	Bypass Duodenum to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D190ZB	Bypass Duodenum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D190ZL	Bypass Duodenum to Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D193J4	Bypass Duodenum to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0D19474	Bypass Duodenum to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D19479	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1947A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1947B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1947L	Bypass Duodenum to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194J4	Bypass Duodenum to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194JB	Bypass Duodenum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194JL	Bypass Duodenum to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194K4	Bypass Duodenum to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194KL	Bypass Duodenum to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194Z4	Bypass Duodenum to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194Z9	Bypass Duodenum to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194ZA	Bypass Duodenum to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194ZB	Bypass Duodenum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194ZL	Bypass Duodenum to Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D19874	Bypass Duodenum to Cutaneous with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D19879	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1987A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1987B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1987L	Bypass Duodenum to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198J4	Bypass Duodenum to Cutaneous with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D198J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198JB	Bypass Duodenum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198JL	Bypass Duodenum to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198K4	Bypass Duodenum to Cutaneous with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198KL	Bypass Duodenum to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198Z4	Bypass Duodenum to Cutaneous, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198Z9	Bypass Duodenum to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198ZA	Bypass Duodenum to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198ZB	Bypass Duodenum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198ZL	Bypass Duodenum to Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A074	Bypass Jejunum to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A07A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A07B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A07H	Bypass Jejunum to Cecum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A07K	Bypass Jejunum to Ascending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A07L	Bypass Jejunum to Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A07M	Bypass Jejunum to Descending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A07N	Bypass Jejunum to Sigmoid Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1A07P	Bypass Jejunum to Rectum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A07Q	Bypass Jejunum to Anus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0J4	Bypass Jejunum to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JB	Bypass Jejunum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JH	Bypass Jejunum to Cecum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JK	Bypass Jejunum to Ascending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JL	Bypass Jejunum to Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JM	Bypass Jejunum to Descending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JN	Bypass Jejunum to Sigmoid Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JP	Bypass Jejunum to Rectum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JQ	Bypass Jejunum to Anus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0K4	Bypass Jejunum to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KH	Bypass Jejunum to Cecum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KK	Bypass Jejunum to Ascending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KL	Bypass Jejunum to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KM	Bypass Jejunum to Descending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KN	Bypass Jejunum to Sigmoid Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KP	Bypass Jejunum to Rectum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KQ	Bypass Jejunum to Anus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0Z4	Bypass Jejunum to Cutaneous, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1A0ZA	Bypass Jejunum to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D1A0ZB	Bypass Jejunum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D1A0ZH	Bypass Jejunum to Cecum, Open Approach	Procedure	ICD-10-PCS
0D1A0ZK	Bypass Jejunum to Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0D1A0ZL	Bypass Jejunum to Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D1A0ZM	Bypass Jejunum to Descending Colon, Open Approach	Procedure	ICD-10-PCS
0D1A0ZN	Bypass Jejunum to Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0D1A0ZP	Bypass Jejunum to Rectum, Open Approach	Procedure	ICD-10-PCS
0D1A0ZQ	Bypass Jejunum to Anus, Open Approach	Procedure	ICD-10-PCS
0D1A3J4	Bypass Jejunum to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0D1A474	Bypass Jejunum to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A47A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A47B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A47H	Bypass Jejunum to Cecum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A47K	Bypass Jejunum to Ascending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A47L	Bypass Jejunum to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A47M	Bypass Jejunum to Descending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A47N	Bypass Jejunum to Sigmoid Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A47P	Bypass Jejunum to Rectum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A47Q	Bypass Jejunum to Anus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4J4	Bypass Jejunum to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4JB	Bypass Jejunum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4JH	Bypass Jejunum to Cecum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4JK	Bypass Jejunum to Ascending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4JL	Bypass Jejunum to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1A4JM	Bypass Jejunum to Descending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4JN	Bypass Jejunum to Sigmoid Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4JP	Bypass Jejunum to Rectum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4JQ	Bypass Jejunum to Anus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4K4	Bypass Jejunum to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KH	Bypass Jejunum to Cecum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KK	Bypass Jejunum to Ascending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KL	Bypass Jejunum to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KM	Bypass Jejunum to Descending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KN	Bypass Jejunum to Sigmoid Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KP	Bypass Jejunum to Rectum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KQ	Bypass Jejunum to Anus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4Z4	Bypass Jejunum to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZA	Bypass Jejunum to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZB	Bypass Jejunum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZH	Bypass Jejunum to Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZK	Bypass Jejunum to Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZL	Bypass Jejunum to Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZM	Bypass Jejunum to Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZN	Bypass Jejunum to Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZP	Bypass Jejunum to Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZQ	Bypass Jejunum to Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A874	Bypass Jejunum to Cutaneous with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1A87A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A87B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A87H	Bypass Jejunum to Cecum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A87K	Bypass Jejunum to Ascending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A87L	Bypass Jejunum to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A87M	Bypass Jejunum to Descending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A87N	Bypass Jejunum to Sigmoid Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A87P	Bypass Jejunum to Rectum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A87Q	Bypass Jejunum to Anus with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8J4	Bypass Jejunum to Cutaneous with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JB	Bypass Jejunum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JH	Bypass Jejunum to Cecum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JK	Bypass Jejunum to Ascending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JL	Bypass Jejunum to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JM	Bypass Jejunum to Descending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JN	Bypass Jejunum to Sigmoid Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JP	Bypass Jejunum to Rectum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JQ	Bypass Jejunum to Anus with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8K4	Bypass Jejunum to Cutaneous with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1A8KH	Bypass Jejunum to Cecum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KK	Bypass Jejunum to Ascending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KL	Bypass Jejunum to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KM	Bypass Jejunum to Descending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KN	Bypass Jejunum to Sigmoid Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KP	Bypass Jejunum to Rectum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KQ	Bypass Jejunum to Anus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8Z4	Bypass Jejunum to Cutaneous, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZA	Bypass Jejunum to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZB	Bypass Jejunum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZH	Bypass Jejunum to Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZK	Bypass Jejunum to Ascending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZL	Bypass Jejunum to Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZM	Bypass Jejunum to Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZN	Bypass Jejunum to Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZP	Bypass Jejunum to Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZQ	Bypass Jejunum to Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B074	Bypass Ileum to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B07B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B07H	Bypass Ileum to Cecum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B07K	Bypass Ileum to Ascending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B07L	Bypass Ileum to Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1B07M	Bypass Ileum to Descending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B07N	Bypass Ileum to Sigmoid Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B07P	Bypass Ileum to Rectum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B07Q	Bypass Ileum to Anus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0J4	Bypass Ileum to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0JB	Bypass Ileum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0JH	Bypass Ileum to Cecum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0JK	Bypass Ileum to Ascending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0JL	Bypass Ileum to Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0JM	Bypass Ileum to Descending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0JN	Bypass Ileum to Sigmoid Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0JP	Bypass Ileum to Rectum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0JQ	Bypass Ileum to Anus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0K4	Bypass Ileum to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0KH	Bypass Ileum to Cecum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0KK	Bypass Ileum to Ascending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0KL	Bypass Ileum to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0KM	Bypass Ileum to Descending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0KN	Bypass Ileum to Sigmoid Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0KP	Bypass Ileum to Rectum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0KQ	Bypass Ileum to Anus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0Z4	Bypass Ileum to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0D1B0ZB	Bypass Ileum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D1B0ZH	Bypass Ileum to Cecum, Open Approach	Procedure	ICD-10-PCS
0D1B0ZK	Bypass Ileum to Ascending Colon, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1B0ZL	Bypass Ileum to Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D1B0ZM	Bypass Ileum to Descending Colon, Open Approach	Procedure	ICD-10-PCS
0D1B0ZN	Bypass Ileum to Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0D1B0ZP	Bypass Ileum to Rectum, Open Approach	Procedure	ICD-10-PCS
0D1B0ZQ	Bypass Ileum to Anus, Open Approach	Procedure	ICD-10-PCS
0D1B3J4	Bypass Ileum to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0D1B474	Bypass Ileum to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B47B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B47H	Bypass Ileum to Cecum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B47K	Bypass Ileum to Ascending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B47L	Bypass Ileum to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B47M	Bypass Ileum to Descending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B47N	Bypass Ileum to Sigmoid Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B47P	Bypass Ileum to Rectum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B47Q	Bypass Ileum to Anus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4J4	Bypass Ileum to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4JB	Bypass Ileum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4JH	Bypass Ileum to Cecum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4JK	Bypass Ileum to Ascending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4JL	Bypass Ileum to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4JM	Bypass Ileum to Descending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4JN	Bypass Ileum to Sigmoid Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4JP	Bypass Ileum to Rectum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4JQ	Bypass Ileum to Anus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1B4K4	Bypass Ileum to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4KH	Bypass Ileum to Cecum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4KK	Bypass Ileum to Ascending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4KL	Bypass Ileum to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4KM	Bypass Ileum to Descending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4KN	Bypass Ileum to Sigmoid Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4KP	Bypass Ileum to Rectum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4KQ	Bypass Ileum to Anus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4Z4	Bypass Ileum to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4ZB	Bypass Ileum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4ZH	Bypass Ileum to Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4ZK	Bypass Ileum to Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4ZL	Bypass Ileum to Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4ZM	Bypass Ileum to Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4ZN	Bypass Ileum to Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4ZP	Bypass Ileum to Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4ZQ	Bypass Ileum to Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B874	Bypass Ileum to Cutaneous with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B87B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B87H	Bypass Ileum to Cecum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B87K	Bypass Ileum to Ascending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B87L	Bypass Ileum to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B87M	Bypass Ileum to Descending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1B87N	Bypass Ileum to Sigmoid Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B87P	Bypass Ileum to Rectum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B87Q	Bypass Ileum to Anus with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8J4	Bypass Ileum to Cutaneous with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8JB	Bypass Ileum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8JH	Bypass Ileum to Cecum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8JK	Bypass Ileum to Ascending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8JL	Bypass Ileum to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8JM	Bypass Ileum to Descending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8JN	Bypass Ileum to Sigmoid Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8JP	Bypass Ileum to Rectum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8JQ	Bypass Ileum to Anus with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8K4	Bypass Ileum to Cutaneous with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8KH	Bypass Ileum to Cecum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8KK	Bypass Ileum to Ascending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8KL	Bypass Ileum to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8KM	Bypass Ileum to Descending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8KN	Bypass Ileum to Sigmoid Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8KP	Bypass Ileum to Rectum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8KQ	Bypass Ileum to Anus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8Z4	Bypass Ileum to Cutaneous, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1B8ZB	Bypass Ileum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8ZH	Bypass Ileum to Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8ZK	Bypass Ileum to Ascending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8ZL	Bypass Ileum to Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8ZM	Bypass Ileum to Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8ZN	Bypass Ileum to Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8ZP	Bypass Ileum to Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8ZQ	Bypass Ileum to Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E074	Bypass Large Intestine to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1E07E	Bypass Large Intestine to Large Intestine with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1E07P	Bypass Large Intestine to Rectum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1E0J4	Bypass Large Intestine to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1E0JE	Bypass Large Intestine to Large Intestine with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1E0JP	Bypass Large Intestine to Rectum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1E0K4	Bypass Large Intestine to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1E0KE	Bypass Large Intestine to Large Intestine with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1E0KP	Bypass Large Intestine to Rectum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1E0Z4	Bypass Large Intestine to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0D1E0ZE	Bypass Large Intestine to Large Intestine, Open Approach	Procedure	ICD-10-PCS
0D1E0ZP	Bypass Large Intestine to Rectum, Open Approach	Procedure	ICD-10-PCS
0D1E474	Bypass Large Intestine to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1E47E	Bypass Large Intestine to Large Intestine with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1E47P	Bypass Large Intestine to Rectum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1E4J4	Bypass Large Intestine to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1E4JE	Bypass Large Intestine to Large Intestine with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1E4JP	Bypass Large Intestine to Rectum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1E4K4	Bypass Large Intestine to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1E4KE	Bypass Large Intestine to Large Intestine with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1E4KP	Bypass Large Intestine to Rectum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1E4Z4	Bypass Large Intestine to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1E4ZE	Bypass Large Intestine to Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1E4ZP	Bypass Large Intestine to Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1E874	Bypass Large Intestine to Cutaneous with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E87E	Bypass Large Intestine to Large Intestine with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E87P	Bypass Large Intestine to Rectum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E8J4	Bypass Large Intestine to Cutaneous with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E8JE	Bypass Large Intestine to Large Intestine with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E8JP	Bypass Large Intestine to Rectum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E8K4	Bypass Large Intestine to Cutaneous with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E8KE	Bypass Large Intestine to Large Intestine with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E8KP	Bypass Large Intestine to Rectum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E8Z4	Bypass Large Intestine to Cutaneous, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E8ZE	Bypass Large Intestine to Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1E8ZP	Bypass Large Intestine to Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H074	Bypass Cecum to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H07H	Bypass Cecum to Cecum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1H07K	Bypass Cecum to Ascending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H07L	Bypass Cecum to Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H07M	Bypass Cecum to Descending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H07N	Bypass Cecum to Sigmoid Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H07P	Bypass Cecum to Rectum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0J4	Bypass Cecum to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0JH	Bypass Cecum to Cecum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0JK	Bypass Cecum to Ascending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0JL	Bypass Cecum to Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0JM	Bypass Cecum to Descending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0JN	Bypass Cecum to Sigmoid Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0JP	Bypass Cecum to Rectum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0K4	Bypass Cecum to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0KH	Bypass Cecum to Cecum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0KK	Bypass Cecum to Ascending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0KL	Bypass Cecum to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0KM	Bypass Cecum to Descending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0KN	Bypass Cecum to Sigmoid Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0KP	Bypass Cecum to Rectum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1H0Z4	Bypass Cecum to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0D1H0ZH	Bypass Cecum to Cecum, Open Approach	Procedure	ICD-10-PCS
0D1H0ZK	Bypass Cecum to Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0D1H0ZL	Bypass Cecum to Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D1H0ZM	Bypass Cecum to Descending Colon, Open Approach	Procedure	ICD-10-PCS
0D1H0ZN	Bypass Cecum to Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0D1H0ZP	Bypass Cecum to Rectum, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1H3J4	Bypass Cecum to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0D1H474	Bypass Cecum to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H47H	Bypass Cecum to Cecum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H47K	Bypass Cecum to Ascending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H47L	Bypass Cecum to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H47M	Bypass Cecum to Descending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H47N	Bypass Cecum to Sigmoid Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H47P	Bypass Cecum to Rectum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4J4	Bypass Cecum to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4JH	Bypass Cecum to Cecum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4JK	Bypass Cecum to Ascending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4JL	Bypass Cecum to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4JM	Bypass Cecum to Descending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4JN	Bypass Cecum to Sigmoid Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4JP	Bypass Cecum to Rectum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4K4	Bypass Cecum to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4KH	Bypass Cecum to Cecum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4KK	Bypass Cecum to Ascending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4KL	Bypass Cecum to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4KM	Bypass Cecum to Descending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4KN	Bypass Cecum to Sigmoid Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4KP	Bypass Cecum to Rectum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1H4Z4	Bypass Cecum to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4ZH	Bypass Cecum to Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4ZK	Bypass Cecum to Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4ZL	Bypass Cecum to Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4ZM	Bypass Cecum to Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4ZN	Bypass Cecum to Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H4ZP	Bypass Cecum to Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1H874	Bypass Cecum to Cutaneous with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H87H	Bypass Cecum to Cecum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H87K	Bypass Cecum to Ascending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H87L	Bypass Cecum to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H87M	Bypass Cecum to Descending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H87N	Bypass Cecum to Sigmoid Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H87P	Bypass Cecum to Rectum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8J4	Bypass Cecum to Cutaneous with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8JH	Bypass Cecum to Cecum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8JK	Bypass Cecum to Ascending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8JL	Bypass Cecum to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8JM	Bypass Cecum to Descending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8JN	Bypass Cecum to Sigmoid Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8JP	Bypass Cecum to Rectum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8K4	Bypass Cecum to Cutaneous with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8KH	Bypass Cecum to Cecum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1H8KK	Bypass Cecum to Ascending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8KL	Bypass Cecum to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8KM	Bypass Cecum to Descending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8KN	Bypass Cecum to Sigmoid Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8KP	Bypass Cecum to Rectum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8Z4	Bypass Cecum to Cutaneous, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8ZH	Bypass Cecum to Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8ZK	Bypass Cecum to Ascending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8ZL	Bypass Cecum to Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8ZM	Bypass Cecum to Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8ZN	Bypass Cecum to Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1H8ZP	Bypass Cecum to Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K074	Bypass Ascending Colon to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K07K	Bypass Ascending Colon to Ascending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K07L	Bypass Ascending Colon to Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K07M	Bypass Ascending Colon to Descending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K07N	Bypass Ascending Colon to Sigmoid Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K07P	Bypass Ascending Colon to Rectum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0J4	Bypass Ascending Colon to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0JK	Bypass Ascending Colon to Ascending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0JL	Bypass Ascending Colon to Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0JM	Bypass Ascending Colon to Descending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1K0JN	Bypass Ascending Colon to Sigmoid Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0JP	Bypass Ascending Colon to Rectum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0K4	Bypass Ascending Colon to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0KK	Bypass Ascending Colon to Ascending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0KL	Bypass Ascending Colon to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0KM	Bypass Ascending Colon to Descending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0KN	Bypass Ascending Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0KP	Bypass Ascending Colon to Rectum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1K0Z4	Bypass Ascending Colon to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0D1K0ZK	Bypass Ascending Colon to Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0D1K0ZL	Bypass Ascending Colon to Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D1K0ZM	Bypass Ascending Colon to Descending Colon, Open Approach	Procedure	ICD-10-PCS
0D1K0ZN	Bypass Ascending Colon to Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0D1K0ZP	Bypass Ascending Colon to Rectum, Open Approach	Procedure	ICD-10-PCS
0D1K3J4	Bypass Ascending Colon to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0D1K474	Bypass Ascending Colon to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K47K	Bypass Ascending Colon to Ascending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K47L	Bypass Ascending Colon to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K47M	Bypass Ascending Colon to Descending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K47N	Bypass Ascending Colon to Sigmoid Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K47P	Bypass Ascending Colon to Rectum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4J4	Bypass Ascending Colon to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4JK	Bypass Ascending Colon to Ascending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4JL	Bypass Ascending Colon to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4JM	Bypass Ascending Colon to Descending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1K4JN	Bypass Ascending Colon to Sigmoid Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4JP	Bypass Ascending Colon to Rectum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4K4	Bypass Ascending Colon to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4KK	Bypass Ascending Colon to Ascending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4KL	Bypass Ascending Colon to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4KM	Bypass Ascending Colon to Descending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4KN	Bypass Ascending Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4KP	Bypass Ascending Colon to Rectum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4Z4	Bypass Ascending Colon to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4ZK	Bypass Ascending Colon to Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4ZL	Bypass Ascending Colon to Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4ZM	Bypass Ascending Colon to Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4ZN	Bypass Ascending Colon to Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K4ZP	Bypass Ascending Colon to Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1K874	Bypass Ascending Colon to Cutaneous with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K87K	Bypass Ascending Colon to Ascending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K87L	Bypass Ascending Colon to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K87M	Bypass Ascending Colon to Descending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K87N	Bypass Ascending Colon to Sigmoid Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K87P	Bypass Ascending Colon to Rectum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8J4	Bypass Ascending Colon to Cutaneous with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8JK	Bypass Ascending Colon to Ascending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1K8JL	Bypass Ascending Colon to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8JM	Bypass Ascending Colon to Descending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8JN	Bypass Ascending Colon to Sigmoid Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8JP	Bypass Ascending Colon to Rectum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8K4	Bypass Ascending Colon to Cutaneous with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8KK	Bypass Ascending Colon to Ascending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8KL	Bypass Ascending Colon to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8KM	Bypass Ascending Colon to Descending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8KN	Bypass Ascending Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8KP	Bypass Ascending Colon to Rectum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8Z4	Bypass Ascending Colon to Cutaneous, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8ZK	Bypass Ascending Colon to Ascending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8ZL	Bypass Ascending Colon to Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8ZM	Bypass Ascending Colon to Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8ZN	Bypass Ascending Colon to Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1K8ZP	Bypass Ascending Colon to Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L074	Bypass Transverse Colon to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L07L	Bypass Transverse Colon to Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L07M	Bypass Transverse Colon to Descending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L07N	Bypass Transverse Colon to Sigmoid Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L07P	Bypass Transverse Colon to Rectum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L0J4	Bypass Transverse Colon to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1L0JL	Bypass Transverse Colon to Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L0JM	Bypass Transverse Colon to Descending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L0JN	Bypass Transverse Colon to Sigmoid Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L0JP	Bypass Transverse Colon to Rectum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L0K4	Bypass Transverse Colon to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L0KL	Bypass Transverse Colon to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L0KM	Bypass Transverse Colon to Descending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L0KN	Bypass Transverse Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L0KP	Bypass Transverse Colon to Rectum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1L0Z4	Bypass Transverse Colon to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0D1L0ZL	Bypass Transverse Colon to Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D1L0ZM	Bypass Transverse Colon to Descending Colon, Open Approach	Procedure	ICD-10-PCS
0D1L0ZN	Bypass Transverse Colon to Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0D1L0ZP	Bypass Transverse Colon to Rectum, Open Approach	Procedure	ICD-10-PCS
0D1L3J4	Bypass Transverse Colon to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0D1L474	Bypass Transverse Colon to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L47L	Bypass Transverse Colon to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L47M	Bypass Transverse Colon to Descending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L47N	Bypass Transverse Colon to Sigmoid Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L47P	Bypass Transverse Colon to Rectum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4J4	Bypass Transverse Colon to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4JL	Bypass Transverse Colon to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4JM	Bypass Transverse Colon to Descending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4JN	Bypass Transverse Colon to Sigmoid Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1L4JP	Bypass Transverse Colon to Rectum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4K4	Bypass Transverse Colon to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4KL	Bypass Transverse Colon to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4KM	Bypass Transverse Colon to Descending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4KN	Bypass Transverse Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4KP	Bypass Transverse Colon to Rectum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4Z4	Bypass Transverse Colon to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4ZL	Bypass Transverse Colon to Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4ZM	Bypass Transverse Colon to Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4ZN	Bypass Transverse Colon to Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L4ZP	Bypass Transverse Colon to Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1L874	Bypass Transverse Colon to Cutaneous with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L87L	Bypass Transverse Colon to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L87M	Bypass Transverse Colon to Descending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L87N	Bypass Transverse Colon to Sigmoid Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L87P	Bypass Transverse Colon to Rectum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8J4	Bypass Transverse Colon to Cutaneous with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8JL	Bypass Transverse Colon to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8JM	Bypass Transverse Colon to Descending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8JN	Bypass Transverse Colon to Sigmoid Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8JP	Bypass Transverse Colon to Rectum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8K4	Bypass Transverse Colon to Cutaneous with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1L8KL	Bypass Transverse Colon to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8KM	Bypass Transverse Colon to Descending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8KN	Bypass Transverse Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8KP	Bypass Transverse Colon to Rectum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8Z4	Bypass Transverse Colon to Cutaneous, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8ZL	Bypass Transverse Colon to Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8ZM	Bypass Transverse Colon to Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8ZN	Bypass Transverse Colon to Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1L8ZP	Bypass Transverse Colon to Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M074	Bypass Descending Colon to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M07M	Bypass Descending Colon to Descending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M07N	Bypass Descending Colon to Sigmoid Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M07P	Bypass Descending Colon to Rectum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M0J4	Bypass Descending Colon to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M0JM	Bypass Descending Colon to Descending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M0JN	Bypass Descending Colon to Sigmoid Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M0JP	Bypass Descending Colon to Rectum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M0K4	Bypass Descending Colon to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M0KM	Bypass Descending Colon to Descending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M0KN	Bypass Descending Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M0KP	Bypass Descending Colon to Rectum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1M0Z4	Bypass Descending Colon to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0D1M0ZM	Bypass Descending Colon to Descending Colon, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1M0ZN	Bypass Descending Colon to Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0D1M0ZP	Bypass Descending Colon to Rectum, Open Approach	Procedure	ICD-10-PCS
0D1M3J4	Bypass Descending Colon to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0D1M474	Bypass Descending Colon to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M47M	Bypass Descending Colon to Descending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M47N	Bypass Descending Colon to Sigmoid Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M47P	Bypass Descending Colon to Rectum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4J4	Bypass Descending Colon to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4JM	Bypass Descending Colon to Descending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4JN	Bypass Descending Colon to Sigmoid Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4JP	Bypass Descending Colon to Rectum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4K4	Bypass Descending Colon to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4KM	Bypass Descending Colon to Descending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4KN	Bypass Descending Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4KP	Bypass Descending Colon to Rectum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4Z4	Bypass Descending Colon to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4ZM	Bypass Descending Colon to Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4ZN	Bypass Descending Colon to Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M4ZP	Bypass Descending Colon to Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1M874	Bypass Descending Colon to Cutaneous with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M87M	Bypass Descending Colon to Descending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M87N	Bypass Descending Colon to Sigmoid Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1M87P	Bypass Descending Colon to Rectum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8J4	Bypass Descending Colon to Cutaneous with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8JM	Bypass Descending Colon to Descending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8JN	Bypass Descending Colon to Sigmoid Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8JP	Bypass Descending Colon to Rectum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8K4	Bypass Descending Colon to Cutaneous with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8KM	Bypass Descending Colon to Descending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8KN	Bypass Descending Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8KP	Bypass Descending Colon to Rectum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8Z4	Bypass Descending Colon to Cutaneous, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8ZM	Bypass Descending Colon to Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8ZN	Bypass Descending Colon to Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1M8ZP	Bypass Descending Colon to Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1N074	Bypass Sigmoid Colon to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1N07N	Bypass Sigmoid Colon to Sigmoid Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1N07P	Bypass Sigmoid Colon to Rectum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1N0J4	Bypass Sigmoid Colon to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1N0JN	Bypass Sigmoid Colon to Sigmoid Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1N0JP	Bypass Sigmoid Colon to Rectum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1N0K4	Bypass Sigmoid Colon to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1N0KN	Bypass Sigmoid Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1N0KP	Bypass Sigmoid Colon to Rectum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1N0Z4	Bypass Sigmoid Colon to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0D1N0ZN	Bypass Sigmoid Colon to Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0D1N0ZP	Bypass Sigmoid Colon to Rectum, Open Approach	Procedure	ICD-10-PCS
0D1N3J4	Bypass Sigmoid Colon to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0D1N474	Bypass Sigmoid Colon to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N47N	Bypass Sigmoid Colon to Sigmoid Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N47P	Bypass Sigmoid Colon to Rectum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N4J4	Bypass Sigmoid Colon to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N4JN	Bypass Sigmoid Colon to Sigmoid Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N4JP	Bypass Sigmoid Colon to Rectum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N4K4	Bypass Sigmoid Colon to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N4KN	Bypass Sigmoid Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N4KP	Bypass Sigmoid Colon to Rectum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N4Z4	Bypass Sigmoid Colon to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N4ZN	Bypass Sigmoid Colon to Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N4ZP	Bypass Sigmoid Colon to Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1N874	Bypass Sigmoid Colon to Cutaneous with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1N87N	Bypass Sigmoid Colon to Sigmoid Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1N87P	Bypass Sigmoid Colon to Rectum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1N8J4	Bypass Sigmoid Colon to Cutaneous with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1N8JN	Bypass Sigmoid Colon to Sigmoid Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1N8JP	Bypass Sigmoid Colon to Rectum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D1N8K4	Bypass Sigmoid Colon to Cutaneous with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1N8KN	Bypass Sigmoid Colon to Sigmoid Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1N8KP	Bypass Sigmoid Colon to Rectum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1N8Z4	Bypass Sigmoid Colon to Cutaneous, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1N8ZN	Bypass Sigmoid Colon to Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1N8ZP	Bypass Sigmoid Colon to Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D510Z3	Destruction of Upper Esophagus using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D510ZZ	Destruction of Upper Esophagus, Open Approach	Procedure	ICD-10-PCS
0D513Z3	Destruction of Upper Esophagus using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D513ZZ	Destruction of Upper Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0D514Z3	Destruction of Upper Esophagus using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D514ZZ	Destruction of Upper Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D517ZZ	Destruction of Upper Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D520Z3	Destruction of Middle Esophagus using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D520ZZ	Destruction of Middle Esophagus, Open Approach	Procedure	ICD-10-PCS
0D523Z3	Destruction of Middle Esophagus using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D523ZZ	Destruction of Middle Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0D524Z3	Destruction of Middle Esophagus using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D524ZZ	Destruction of Middle Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D527ZZ	Destruction of Middle Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D530Z3	Destruction of Lower Esophagus using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D530ZZ	Destruction of Lower Esophagus, Open Approach	Procedure	ICD-10-PCS
0D533Z3	Destruction of Lower Esophagus using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D533ZZ	Destruction of Lower Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0D534Z3	Destruction of Lower Esophagus using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D534ZZ	Destruction of Lower Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D537ZZ	Destruction of Lower Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D540Z3	Destruction of Esophagogastric Junction using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D540ZZ	Destruction of Esophagogastric Junction, Open Approach	Procedure	ICD-10-PCS
0D543Z3	Destruction of Esophagogastric Junction using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D543ZZ	Destruction of Esophagogastric Junction, Percutaneous Approach	Procedure	ICD-10-PCS
0D544Z3	Destruction of Esophagogastric Junction using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D544ZZ	Destruction of Esophagogastric Junction, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D547ZZ	Destruction of Esophagogastric Junction, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D550Z3	Destruction of Esophagus using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D550ZZ	Destruction of Esophagus, Open Approach	Procedure	ICD-10-PCS
0D553Z3	Destruction of Esophagus using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D553ZZ	Destruction of Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0D554Z3	Destruction of Esophagus using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D554ZZ	Destruction of Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D557ZZ	Destruction of Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D560Z3	Destruction of Stomach using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D560ZZ	Destruction of Stomach, Open Approach	Procedure	ICD-10-PCS
0D563Z3	Destruction of Stomach using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D563ZZ	Destruction of Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0D564Z3	Destruction of Stomach using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D564ZZ	Destruction of Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D567ZZ	Destruction of Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D570Z3	Destruction of Stomach, Pylorus using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D570ZZ	Destruction of Stomach, Pylorus, Open Approach	Procedure	ICD-10-PCS
0D573Z3	Destruction of Stomach, Pylorus using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D573ZZ	Destruction of Stomach, Pylorus, Percutaneous Approach	Procedure	ICD-10-PCS
0D574Z3	Destruction of Stomach, Pylorus using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D574ZZ	Destruction of Stomach, Pylorus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D577ZZ	Destruction of Stomach, Pylorus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D580Z3	Destruction of Small Intestine using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D580ZZ	Destruction of Small Intestine, Open Approach	Procedure	ICD-10-PCS
0D583Z3	Destruction of Small Intestine using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D583ZZ	Destruction of Small Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0D584Z3	Destruction of Small Intestine using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D584ZZ	Destruction of Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D587ZZ	Destruction of Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D590Z3	Destruction of Duodenum using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D590ZZ	Destruction of Duodenum, Open Approach	Procedure	ICD-10-PCS
0D593Z3	Destruction of Duodenum using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D593ZZ	Destruction of Duodenum, Percutaneous Approach	Procedure	ICD-10-PCS
0D594Z3	Destruction of Duodenum using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D594ZZ	Destruction of Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D597ZZ	Destruction of Duodenum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5A0Z3	Destruction of Jejunum using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5A0ZZ	Destruction of Jejunum, Open Approach	Procedure	ICD-10-PCS
0D5A3Z3	Destruction of Jejunum using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5A3ZZ	Destruction of Jejunum, Percutaneous Approach	Procedure	ICD-10-PCS
0D5A4Z3	Destruction of Jejunum using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5A4ZZ	Destruction of Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5A7ZZ	Destruction of Jejunum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5B0Z3	Destruction of Ileum using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5B0ZZ	Destruction of Ileum, Open Approach	Procedure	ICD-10-PCS
0D5B3Z3	Destruction of Ileum using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5B3ZZ	Destruction of Ileum, Percutaneous Approach	Procedure	ICD-10-PCS
0D5B4Z3	Destruction of Ileum using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5B4ZZ	Destruction of Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5B7ZZ	Destruction of Ileum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5C0Z3	Destruction of Ileocecal Valve using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5C0ZZ	Destruction of Ileocecal Valve, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D5C3Z3	Destruction of Ileocecal Valve using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5C3ZZ	Destruction of Ileocecal Valve, Percutaneous Approach	Procedure	ICD-10-PCS
0D5C4Z3	Destruction of Ileocecal Valve using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5C4ZZ	Destruction of Ileocecal Valve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5C7ZZ	Destruction of Ileocecal Valve, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5E0Z3	Destruction of Large Intestine using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5E0ZZ	Destruction of Large Intestine, Open Approach	Procedure	ICD-10-PCS
0D5E3Z3	Destruction of Large Intestine using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5E3ZZ	Destruction of Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0D5E4Z3	Destruction of Large Intestine using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5E4ZZ	Destruction of Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5E7ZZ	Destruction of Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5F0Z3	Destruction of Right Large Intestine using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5F0ZZ	Destruction of Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0D5F3Z3	Destruction of Right Large Intestine using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5F3ZZ	Destruction of Right Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0D5F4Z3	Destruction of Right Large Intestine using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5F4ZZ	Destruction of Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5F7ZZ	Destruction of Right Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5G0Z3	Destruction of Left Large Intestine using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5G0ZZ	Destruction of Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0D5G3Z3	Destruction of Left Large Intestine using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5G3ZZ	Destruction of Left Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0D5G4Z3	Destruction of Left Large Intestine using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5G4ZZ	Destruction of Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5G7ZZ	Destruction of Left Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5H0Z3	Destruction of Cecum using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5H0ZZ	Destruction of Cecum, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D5H3Z3	Destruction of Cecum using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5H3ZZ	Destruction of Cecum, Percutaneous Approach	Procedure	ICD-10-PCS
0D5H4Z3	Destruction of Cecum using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5H4ZZ	Destruction of Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5H7ZZ	Destruction of Cecum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5J0Z3	Destruction of Appendix using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5J0ZZ	Destruction of Appendix, Open Approach	Procedure	ICD-10-PCS
0D5J3Z3	Destruction of Appendix using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5J3ZZ	Destruction of Appendix, Percutaneous Approach	Procedure	ICD-10-PCS
0D5J4Z3	Destruction of Appendix using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5J4ZZ	Destruction of Appendix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5J7ZZ	Destruction of Appendix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5J8ZZ	Destruction of Appendix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D5K0Z3	Destruction of Ascending Colon using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5K0ZZ	Destruction of Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0D5K3Z3	Destruction of Ascending Colon using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5K3ZZ	Destruction of Ascending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0D5K4Z3	Destruction of Ascending Colon using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5K4ZZ	Destruction of Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5K7ZZ	Destruction of Ascending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5L0Z3	Destruction of Transverse Colon using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5L0ZZ	Destruction of Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D5L3Z3	Destruction of Transverse Colon using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5L3ZZ	Destruction of Transverse Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0D5L4Z3	Destruction of Transverse Colon using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5L4ZZ	Destruction of Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5L7ZZ	Destruction of Transverse Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5M0Z3	Destruction of Descending Colon using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5M0ZZ	Destruction of Descending Colon, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D5M3Z3	Destruction of Descending Colon using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5M3ZZ	Destruction of Descending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0D5M4Z3	Destruction of Descending Colon using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5M4ZZ	Destruction of Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5M7ZZ	Destruction of Descending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5N0Z3	Destruction of Sigmoid Colon using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5N0ZZ	Destruction of Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0D5N3Z3	Destruction of Sigmoid Colon using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5N3ZZ	Destruction of Sigmoid Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0D5N4Z3	Destruction of Sigmoid Colon using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5N4ZZ	Destruction of Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5N7ZZ	Destruction of Sigmoid Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D5P0Z3	Destruction of Rectum using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5P0ZZ	Destruction of Rectum, Open Approach	Procedure	ICD-10-PCS
0D5P3Z3	Destruction of Rectum using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5P4Z3	Destruction of Rectum using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5P4ZZ	Destruction of Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5Q0Z3	Destruction of Anus using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0D5Q0ZZ	Destruction of Anus, Open Approach	Procedure	ICD-10-PCS
0D5Q3Z3	Destruction of Anus using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0D5Q4Z3	Destruction of Anus using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5Q4ZZ	Destruction of Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5R0ZZ	Destruction of Anal Sphincter, Open Approach	Procedure	ICD-10-PCS
0D5R4ZZ	Destruction of Anal Sphincter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5S0ZZ	Destruction of Greater Omentum, Open Approach	Procedure	ICD-10-PCS
0D5S3ZZ	Destruction of Greater Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0D5S4ZZ	Destruction of Greater Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5T0ZZ	Destruction of Lesser Omentum, Open Approach	Procedure	ICD-10-PCS
0D5T3ZZ	Destruction of Lesser Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0D5T4ZZ	Destruction of Lesser Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D5U0ZZ	Destruction of Omentum, Open Approach	Procedure	ICD-10-PCS
0D5U3ZZ	Destruction of Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0D5U4ZZ	Destruction of Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5V0ZZ	Destruction of Mesentery, Open Approach	Procedure	ICD-10-PCS
0D5V3ZZ	Destruction of Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS
0D5V4ZZ	Destruction of Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D5W0ZZ	Destruction of Peritoneum, Open Approach	Procedure	ICD-10-PCS
0D5W3ZZ	Destruction of Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0D5W4ZZ	Destruction of Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D710DZ	Dilation of Upper Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D710ZZ	Dilation of Upper Esophagus, Open Approach	Procedure	ICD-10-PCS
0D713DZ	Dilation of Upper Esophagus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0D713ZZ	Dilation of Upper Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0D714DZ	Dilation of Upper Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D714ZZ	Dilation of Upper Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D720DZ	Dilation of Middle Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D720ZZ	Dilation of Middle Esophagus, Open Approach	Procedure	ICD-10-PCS
0D723DZ	Dilation of Middle Esophagus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0D723ZZ	Dilation of Middle Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0D724DZ	Dilation of Middle Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D724ZZ	Dilation of Middle Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D730DZ	Dilation of Lower Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D730ZZ	Dilation of Lower Esophagus, Open Approach	Procedure	ICD-10-PCS
0D733DZ	Dilation of Lower Esophagus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0D733ZZ	Dilation of Lower Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0D734DZ	Dilation of Lower Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D734ZZ	Dilation of Lower Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D740DZ	Dilation of Esophagogastric Junction with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D740ZZ	Dilation of Esophagogastric Junction, Open Approach	Procedure	ICD-10-PCS
0D743DZ	Dilation of Esophagogastric Junction with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0D743ZZ	Dilation of Esophagogastric Junction, Percutaneous Approach	Procedure	ICD-10-PCS
0D744DZ	Dilation of Esophagogastric Junction with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D744ZZ	Dilation of Esophagogastric Junction, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D750DZ	Dilation of Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D750ZZ	Dilation of Esophagus, Open Approach	Procedure	ICD-10-PCS
0D753DZ	Dilation of Esophagus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0D753ZZ	Dilation of Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0D754DZ	Dilation of Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D754ZZ	Dilation of Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D760DZ	Dilation of Stomach with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D760ZZ	Dilation of Stomach, Open Approach	Procedure	ICD-10-PCS
0D763DZ	Dilation of Stomach with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0D763ZZ	Dilation of Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0D764DZ	Dilation of Stomach with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D764ZZ	Dilation of Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D770DZ	Dilation of Stomach, Pylorus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D770ZZ	Dilation of Stomach, Pylorus, Open Approach	Procedure	ICD-10-PCS
0D773DZ	Dilation of Stomach, Pylorus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0D773ZZ	Dilation of Stomach, Pylorus, Percutaneous Approach	Procedure	ICD-10-PCS
0D774DZ	Dilation of Stomach, Pylorus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D774ZZ	Dilation of Stomach, Pylorus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D780DZ	Dilation of Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D780ZZ	Dilation of Small Intestine, Open Approach	Procedure	ICD-10-PCS
0D783ZZ	Dilation of Small Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0D784DZ	Dilation of Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D784ZZ	Dilation of Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D790DZ	Dilation of Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D790ZZ	Dilation of Duodenum, Open Approach	Procedure	ICD-10-PCS
0D793ZZ	Dilation of Duodenum, Percutaneous Approach	Procedure	ICD-10-PCS
0D794DZ	Dilation of Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D794ZZ	Dilation of Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7A0DZ	Dilation of Jejunum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7A0ZZ	Dilation of Jejunum, Open Approach	Procedure	ICD-10-PCS
0D7A3ZZ	Dilation of Jejunum, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D7A4DZ	Dilation of Jejunum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7A4ZZ	Dilation of Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7B0DZ	Dilation of Ileum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7B0ZZ	Dilation of Ileum, Open Approach	Procedure	ICD-10-PCS
0D7B3ZZ	Dilation of Ileum, Percutaneous Approach	Procedure	ICD-10-PCS
0D7B4DZ	Dilation of Ileum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7B4ZZ	Dilation of Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7C0DZ	Dilation of Ileocecal Valve with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7C0ZZ	Dilation of Ileocecal Valve, Open Approach	Procedure	ICD-10-PCS
0D7C3ZZ	Dilation of Ileocecal Valve, Percutaneous Approach	Procedure	ICD-10-PCS
0D7C4DZ	Dilation of Ileocecal Valve with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7C4ZZ	Dilation of Ileocecal Valve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7E0DZ	Dilation of Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7E0ZZ	Dilation of Large Intestine, Open Approach	Procedure	ICD-10-PCS
0D7E3ZZ	Dilation of Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0D7E4DZ	Dilation of Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7E4ZZ	Dilation of Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7F0DZ	Dilation of Right Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7F0ZZ	Dilation of Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0D7F3ZZ	Dilation of Right Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0D7F4DZ	Dilation of Right Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7F4ZZ	Dilation of Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7G0DZ	Dilation of Left Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7G0ZZ	Dilation of Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0D7G3ZZ	Dilation of Left Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0D7G4DZ	Dilation of Left Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7G4ZZ	Dilation of Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7H0DZ	Dilation of Cecum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7H0ZZ	Dilation of Cecum, Open Approach	Procedure	ICD-10-PCS
0D7H3ZZ	Dilation of Cecum, Percutaneous Approach	Procedure	ICD-10-PCS
0D7H4DZ	Dilation of Cecum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D7H4ZZ	Dilation of Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7K0DZ	Dilation of Ascending Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7K0ZZ	Dilation of Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0D7K3ZZ	Dilation of Ascending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0D7K4DZ	Dilation of Ascending Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7K4ZZ	Dilation of Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7L0DZ	Dilation of Transverse Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7L0ZZ	Dilation of Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D7L3ZZ	Dilation of Transverse Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0D7L4DZ	Dilation of Transverse Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7L4ZZ	Dilation of Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7M0DZ	Dilation of Descending Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7M0ZZ	Dilation of Descending Colon, Open Approach	Procedure	ICD-10-PCS
0D7M3ZZ	Dilation of Descending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0D7M4DZ	Dilation of Descending Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7M4ZZ	Dilation of Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7N0DZ	Dilation of Sigmoid Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7N0ZZ	Dilation of Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0D7N3ZZ	Dilation of Sigmoid Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0D7N4DZ	Dilation of Sigmoid Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7N4ZZ	Dilation of Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7P0DZ	Dilation of Rectum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7P0ZZ	Dilation of Rectum, Open Approach	Procedure	ICD-10-PCS
0D7P3DZ	Dilation of Rectum with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0D7P3ZZ	Dilation of Rectum, Percutaneous Approach	Procedure	ICD-10-PCS
0D7P4DZ	Dilation of Rectum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7P4ZZ	Dilation of Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7Q0DZ	Dilation of Anus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0D7Q0ZZ	Dilation of Anus, Open Approach	Procedure	ICD-10-PCS
0D7Q3DZ	Dilation of Anus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0D7Q3ZZ	Dilation of Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0D7Q4DZ	Dilation of Anus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D7Q4ZZ	Dilation of Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D840ZZ	Division of Esophagogastric Junction, Open Approach	Procedure	ICD-10-PCS
0D843ZZ	Division of Esophagogastric Junction, Percutaneous Approach	Procedure	ICD-10-PCS
0D844ZZ	Division of Esophagogastric Junction, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D847ZZ	Division of Esophagogastric Junction, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D848ZZ	Division of Esophagogastric Junction, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D870ZZ	Division of Stomach, Pylorus, Open Approach	Procedure	ICD-10-PCS
0D873ZZ	Division of Stomach, Pylorus, Percutaneous Approach	Procedure	ICD-10-PCS
0D874ZZ	Division of Stomach, Pylorus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D877ZZ	Division of Stomach, Pylorus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0D878ZZ	Division of Stomach, Pylorus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D8R0ZZ	Division of Anal Sphincter, Open Approach	Procedure	ICD-10-PCS
0D8R3ZZ	Division of Anal Sphincter, Percutaneous Approach	Procedure	ICD-10-PCS
0D9100Z	Drainage of Upper Esophagus with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D910ZZ	Drainage of Upper Esophagus, Open Approach	Procedure	ICD-10-PCS
0D9140Z	Drainage of Upper Esophagus with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D914ZZ	Drainage of Upper Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9200Z	Drainage of Middle Esophagus with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D920ZZ	Drainage of Middle Esophagus, Open Approach	Procedure	ICD-10-PCS
0D9240Z	Drainage of Middle Esophagus with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D924ZZ	Drainage of Middle Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9300Z	Drainage of Lower Esophagus with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D930ZZ	Drainage of Lower Esophagus, Open Approach	Procedure	ICD-10-PCS
0D9340Z	Drainage of Lower Esophagus with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D934ZZ	Drainage of Lower Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9400Z	Drainage of Esophagogastric Junction with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D940ZZ	Drainage of Esophagogastric Junction, Open Approach	Procedure	ICD-10-PCS
0D9440Z	Drainage of Esophagogastric Junction with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D944ZZ	Drainage of Esophagogastric Junction, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9500Z	Drainage of Esophagus with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D950ZZ	Drainage of Esophagus, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D9540Z	Drainage of Esophagus with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D954ZZ	Drainage of Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9600Z	Drainage of Stomach with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D960ZZ	Drainage of Stomach, Open Approach	Procedure	ICD-10-PCS
0D9640Z	Drainage of Stomach with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D964ZZ	Drainage of Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9700Z	Drainage of Stomach, Pylorus with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D970ZZ	Drainage of Stomach, Pylorus, Open Approach	Procedure	ICD-10-PCS
0D9740Z	Drainage of Stomach, Pylorus with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D974ZZ	Drainage of Stomach, Pylorus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9800Z	Drainage of Small Intestine with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D980ZZ	Drainage of Small Intestine, Open Approach	Procedure	ICD-10-PCS
0D9840Z	Drainage of Small Intestine with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D984ZZ	Drainage of Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9900Z	Drainage of Duodenum with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D990ZZ	Drainage of Duodenum, Open Approach	Procedure	ICD-10-PCS
0D9940Z	Drainage of Duodenum with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D994ZZ	Drainage of Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9A00Z	Drainage of Jejunum with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9A0ZZ	Drainage of Jejunum, Open Approach	Procedure	ICD-10-PCS
0D9A40Z	Drainage of Jejunum with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9A4ZZ	Drainage of Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9B00Z	Drainage of Ileum with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9B0ZZ	Drainage of Ileum, Open Approach	Procedure	ICD-10-PCS
0D9B40Z	Drainage of Ileum with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9B4ZZ	Drainage of Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9C00Z	Drainage of Ileocecal Valve with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9C0ZZ	Drainage of Ileocecal Valve, Open Approach	Procedure	ICD-10-PCS
0D9C40Z	Drainage of Ileocecal Valve with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9C4ZZ	Drainage of Ileocecal Valve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9E00Z	Drainage of Large Intestine with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9E0ZZ	Drainage of Large Intestine, Open Approach	Procedure	ICD-10-PCS
0D9E40Z	Drainage of Large Intestine with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9E4ZZ	Drainage of Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D9F00Z	Drainage of Right Large Intestine with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9F0ZZ	Drainage of Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0D9F40Z	Drainage of Right Large Intestine with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9F4ZZ	Drainage of Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9G00Z	Drainage of Left Large Intestine with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9G0ZZ	Drainage of Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0D9G40Z	Drainage of Left Large Intestine with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9G4ZZ	Drainage of Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9H00Z	Drainage of Cecum with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9H0ZZ	Drainage of Cecum, Open Approach	Procedure	ICD-10-PCS
0D9H40Z	Drainage of Cecum with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9H4ZZ	Drainage of Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9J00Z	Drainage of Appendix with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9J0ZZ	Drainage of Appendix, Open Approach	Procedure	ICD-10-PCS
0D9J40Z	Drainage of Appendix with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9J4ZZ	Drainage of Appendix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9K00Z	Drainage of Ascending Colon with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9K0ZZ	Drainage of Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0D9K40Z	Drainage of Ascending Colon with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9K4ZZ	Drainage of Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9L00Z	Drainage of Transverse Colon with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9L0ZZ	Drainage of Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D9L40Z	Drainage of Transverse Colon with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9L4ZZ	Drainage of Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9M00Z	Drainage of Descending Colon with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9M0ZZ	Drainage of Descending Colon, Open Approach	Procedure	ICD-10-PCS
0D9M40Z	Drainage of Descending Colon with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9M4ZZ	Drainage of Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9N00Z	Drainage of Sigmoid Colon with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9N0ZZ	Drainage of Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0D9N40Z	Drainage of Sigmoid Colon with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9N4ZZ	Drainage of Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9P00Z	Drainage of Rectum with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9P0ZZ	Drainage of Rectum, Open Approach	Procedure	ICD-10-PCS
0D9P40Z	Drainage of Rectum with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9P4ZZ	Drainage of Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9Q00Z	Drainage of Anus with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9Q0ZZ	Drainage of Anus, Open Approach	Procedure	ICD-10-PCS
0D9Q40Z	Drainage of Anus with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9Q4ZZ	Drainage of Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9QX0Z	Drainage of Anus with Drainage Device, External Approach	Procedure	ICD-10-PCS
0D9QXZZ	Drainage of Anus, External Approach	Procedure	ICD-10-PCS
0D9R00Z	Drainage of Anal Sphincter with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9R0ZZ	Drainage of Anal Sphincter, Open Approach	Procedure	ICD-10-PCS
0D9R40Z	Drainage of Anal Sphincter with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9R4ZZ	Drainage of Anal Sphincter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9S00Z	Drainage of Greater Omentum with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9S0ZZ	Drainage of Greater Omentum, Open Approach	Procedure	ICD-10-PCS
0D9T00Z	Drainage of Lesser Omentum with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9T0ZZ	Drainage of Lesser Omentum, Open Approach	Procedure	ICD-10-PCS
0D9U00Z	Drainage of Omentum with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9U0ZZ	Drainage of Omentum, Open Approach	Procedure	ICD-10-PCS
0D9U40Z	Drainage of Omentum with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9U4ZZ	Drainage of Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9V00Z	Drainage of Mesentery with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9V0ZZ	Drainage of Mesentery, Open Approach	Procedure	ICD-10-PCS
0D9V40Z	Drainage of Mesentery with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9V4ZZ	Drainage of Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9W00Z	Drainage of Peritoneum with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0D9W0ZZ	Drainage of Peritoneum, Open Approach	Procedure	ICD-10-PCS
0D9W40Z	Drainage of Peritoneum with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D9W4ZZ	Drainage of Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DB10ZZ	Excision of Upper Esophagus, Open Approach	Procedure	ICD-10-PCS
0DB13ZZ	Excision of Upper Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DB14ZZ	Excision of Upper Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DB17ZZ	Excision of Upper Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DB20ZZ	Excision of Middle Esophagus, Open Approach	Procedure	ICD-10-PCS
0DB23ZZ	Excision of Middle Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DB24ZZ	Excision of Middle Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DB27ZZ	Excision of Middle Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DB30ZZ	Excision of Lower Esophagus, Open Approach	Procedure	ICD-10-PCS
0DB33ZZ	Excision of Lower Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DB34ZZ	Excision of Lower Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DB37ZZ	Excision of Lower Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DB40ZZ	Excision of Esophagogastric Junction, Open Approach	Procedure	ICD-10-PCS
0DB43ZZ	Excision of Esophagogastric Junction, Percutaneous Approach	Procedure	ICD-10-PCS
0DB44ZZ	Excision of Esophagogastric Junction, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DB47ZZ	Excision of Esophagogastric Junction, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DB50ZZ	Excision of Esophagus, Open Approach	Procedure	ICD-10-PCS
0DB53ZZ	Excision of Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DB54ZZ	Excision of Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DB57ZZ	Excision of Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DB60Z3	Excision of Stomach, Open Approach, Vertical	Procedure	ICD-10-PCS
0DB60ZZ	Excision of Stomach, Open Approach	Procedure	ICD-10-PCS
0DB63Z3	Excision of Stomach, Percutaneous Approach, Vertical	Procedure	ICD-10-PCS
0DB63ZZ	Excision of Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DB64Z3	Excision of Stomach, Percutaneous Endoscopic Approach, Vertical	Procedure	ICD-10-PCS
0DB64ZZ	Excision of Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DB67Z3	Excision of Stomach, Via Natural or Artificial Opening, Vertical	Procedure	ICD-10-PCS
0DB67ZZ	Excision of Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DB68Z3	Excision of Stomach, Via Natural or Artificial Opening Endoscopic, Vertical	Procedure	ICD-10-PCS
0DB70ZZ	Excision of Stomach, Pylorus, Open Approach	Procedure	ICD-10-PCS
0DB73ZZ	Excision of Stomach, Pylorus, Percutaneous Approach	Procedure	ICD-10-PCS
0DB74ZZ	Excision of Stomach, Pylorus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DB77ZZ	Excision of Stomach, Pylorus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DB80ZZ	Excision of Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DB83ZZ	Excision of Small Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DB84ZZ	Excision of Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DB87ZZ	Excision of Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DB88ZZ	Excision of Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DB90ZZ	Excision of Duodenum, Open Approach	Procedure	ICD-10-PCS
0DB93ZZ	Excision of Duodenum, Percutaneous Approach	Procedure	ICD-10-PCS
0DB94ZZ	Excision of Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DB97ZZ	Excision of Duodenum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBA0ZZ	Excision of Jejunum, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DBA3ZZ	Excision of Jejunum, Percutaneous Approach	Procedure	ICD-10-PCS
0DBA4ZZ	Excision of Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBA7ZZ	Excision of Jejunum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBA8ZZ	Excision of Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DBB0ZZ	Excision of Ileum, Open Approach	Procedure	ICD-10-PCS
0DBB3ZZ	Excision of Ileum, Percutaneous Approach	Procedure	ICD-10-PCS
0DBB4ZZ	Excision of Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBB7ZZ	Excision of Ileum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBB8ZZ	Excision of Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DBC0ZZ	Excision of Ileocecal Valve, Open Approach	Procedure	ICD-10-PCS
0DBC3ZZ	Excision of Ileocecal Valve, Percutaneous Approach	Procedure	ICD-10-PCS
0DBC4ZZ	Excision of Ileocecal Valve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBC7ZZ	Excision of Ileocecal Valve, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBC8ZZ	Excision of Ileocecal Valve, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DBE0ZZ	Excision of Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DBE3ZZ	Excision of Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DBE4ZZ	Excision of Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBE7ZZ	Excision of Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBF0ZZ	Excision of Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DBF3ZZ	Excision of Right Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DBF4ZG	Excision of right large intestine, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DBF4ZZ	Excision of Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBF7ZZ	Excision of Right Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBG0ZZ	Excision of Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DBG3ZZ	Excision of Left Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DBG4ZG	Excision of left large intestine, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DBG4ZZ	Excision of Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBG7ZZ	Excision of Left Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBGFZZ	Excision of Left Large Intestine, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0DBH0ZZ	Excision of Cecum, Open Approach	Procedure	ICD-10-PCS
0DBH3ZZ	Excision of Cecum, Percutaneous Approach	Procedure	ICD-10-PCS
0DBH4ZZ	Excision of Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBH7ZZ	Excision of Cecum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBJ0ZZ	Excision of Appendix, Open Approach	Procedure	ICD-10-PCS
0DBJ3ZZ	Excision of Appendix, Percutaneous Approach	Procedure	ICD-10-PCS
0DBJ4ZG	Excision of appendix, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DBJ4ZZ	Excision of Appendix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DBJ7ZZ	Excision of Appendix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBJ8ZZ	Excision of Appendix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DBK0ZZ	Excision of Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0DBK3ZZ	Excision of Ascending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DBK4ZZ	Excision of Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBK7ZZ	Excision of Ascending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBL0ZZ	Excision of Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0DBL3ZZ	Excision of Transverse Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DBL4ZG	Excision of transverse colon, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DBL4ZZ	Excision of Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBL7ZZ	Excision of Transverse Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBLFZZ	Excision of Transverse Colon, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0DBM0ZZ	Excision of Descending Colon, Open Approach	Procedure	ICD-10-PCS
0DBM3ZZ	Excision of Descending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DBM4ZG	Excision of descending colon, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DBM4ZZ	Excision of Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBM7ZZ	Excision of Descending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBMFZZ	Excision of Descending Colon, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0DBN0ZZ	Excision of Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0DBN3ZZ	Excision of Sigmoid Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DBN4ZG	Excision of sigmoid colon, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DBN4ZZ	Excision of Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBN7ZZ	Excision of Sigmoid Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBNFZZ	Excision of Sigmoid Colon, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0DBP0ZZ	Excision of Rectum, Open Approach	Procedure	ICD-10-PCS
0DBP3ZZ	Excision of Rectum, Percutaneous Approach	Procedure	ICD-10-PCS
0DBP4ZZ	Excision of Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBP7ZZ	Excision of Rectum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBQ0ZZ	Excision of Anus, Open Approach	Procedure	ICD-10-PCS
0DBQ3ZZ	Excision of Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0DBQ4ZZ	Excision of Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBQ7ZZ	Excision of Anus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DBQXZZ	Excision of Anus, External Approach	Procedure	ICD-10-PCS
0DBR0ZZ	Excision of Anal Sphincter, Open Approach	Procedure	ICD-10-PCS
0DBR3ZZ	Excision of Anal Sphincter, Percutaneous Approach	Procedure	ICD-10-PCS
0DBR4ZZ	Excision of Anal Sphincter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBS0ZZ	Excision of Greater Omentum, Open Approach	Procedure	ICD-10-PCS
0DBS3ZZ	Excision of Greater Omentum, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DBS4ZZ	Excision of Greater Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBT0ZZ	Excision of Lesser Omentum, Open Approach	Procedure	ICD-10-PCS
0DBT3ZZ	Excision of Lesser Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DBT4ZZ	Excision of Lesser Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBU0ZZ	Excision of Omentum, Open Approach	Procedure	ICD-10-PCS
0DBU3ZZ	Excision of Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DBU4ZZ	Excision of Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBV0ZZ	Excision of Mesentery, Open Approach	Procedure	ICD-10-PCS
0DBV3ZZ	Excision of Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS
0DBV4ZZ	Excision of Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DBW0ZZ	Excision of Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DBW3ZZ	Excision of Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0DBW4ZZ	Excision of Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DC10ZZ	Extirpation of Matter from Upper Esophagus, Open Approach	Procedure	ICD-10-PCS
0DC13ZZ	Extirpation of Matter from Upper Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DC14ZZ	Extirpation of Matter from Upper Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DC20ZZ	Extirpation of Matter from Middle Esophagus, Open Approach	Procedure	ICD-10-PCS
0DC23ZZ	Extirpation of Matter from Middle Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DC24ZZ	Extirpation of Matter from Middle Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DC30ZZ	Extirpation of Matter from Lower Esophagus, Open Approach	Procedure	ICD-10-PCS
0DC33ZZ	Extirpation of Matter from Lower Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DC34ZZ	Extirpation of Matter from Lower Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DC40ZZ	Extirpation of Matter from Esophagogastric Junction, Open Approach	Procedure	ICD-10-PCS
0DC43ZZ	Extirpation of Matter from Esophagogastric Junction, Percutaneous Approach	Procedure	ICD-10-PCS
0DC44ZZ	Extirpation of Matter from Esophagogastric Junction, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DC50ZZ	Extirpation of Matter from Esophagus, Open Approach	Procedure	ICD-10-PCS
0DC53ZZ	Extirpation of Matter from Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DC54ZZ	Extirpation of Matter from Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DC60ZZ	Extirpation of Matter from Stomach, Open Approach	Procedure	ICD-10-PCS
0DC63ZZ	Extirpation of Matter from Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DC64ZZ	Extirpation of Matter from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DC70ZZ	Extirpation of Matter from Stomach, Pylorus, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DC73ZZ	Extirpation of Matter from Stomach, Pylorus, Percutaneous Approach	Procedure	ICD-10-PCS
0DC74ZZ	Extirpation of Matter from Stomach, Pylorus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DC80ZZ	Extirpation of Matter from Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DC83ZZ	Extirpation of Matter from Small Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DC84ZZ	Extirpation of Matter from Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DC90ZZ	Extirpation of Matter from Duodenum, Open Approach	Procedure	ICD-10-PCS
0DC93ZZ	Extirpation of Matter from Duodenum, Percutaneous Approach	Procedure	ICD-10-PCS
0DC94ZZ	Extirpation of Matter from Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCA0ZZ	Extirpation of Matter from Jejunum, Open Approach	Procedure	ICD-10-PCS
0DCA3ZZ	Extirpation of Matter from Jejunum, Percutaneous Approach	Procedure	ICD-10-PCS
0DCA4ZZ	Extirpation of Matter from Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCB0ZZ	Extirpation of Matter from Ileum, Open Approach	Procedure	ICD-10-PCS
0DCB3ZZ	Extirpation of Matter from Ileum, Percutaneous Approach	Procedure	ICD-10-PCS
0DCB4ZZ	Extirpation of Matter from Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCC0ZZ	Extirpation of Matter from Ileocecal Valve, Open Approach	Procedure	ICD-10-PCS
0DCC3ZZ	Extirpation of Matter from Ileocecal Valve, Percutaneous Approach	Procedure	ICD-10-PCS
0DCC4ZZ	Extirpation of Matter from Ileocecal Valve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCE0ZZ	Extirpation of Matter from Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DCE3ZZ	Extirpation of Matter from Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DCE4ZZ	Extirpation of Matter from Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCF0ZZ	Extirpation of Matter from Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DCF3ZZ	Extirpation of Matter from Right Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DCF4ZZ	Extirpation of Matter from Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCG0ZZ	Extirpation of Matter from Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DCG3ZZ	Extirpation of Matter from Left Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DCG4ZZ	Extirpation of Matter from Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCH0ZZ	Extirpation of Matter from Cecum, Open Approach	Procedure	ICD-10-PCS
0DCH3ZZ	Extirpation of Matter from Cecum, Percutaneous Approach	Procedure	ICD-10-PCS
0DCH4ZZ	Extirpation of Matter from Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DCJ0ZZ	Extirpation of Matter from Appendix, Open Approach	Procedure	ICD-10-PCS
0DCJ4ZZ	Extirpation of Matter from Appendix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCK0ZZ	Extirpation of Matter from Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0DCK3ZZ	Extirpation of Matter from Ascending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DCK4ZZ	Extirpation of Matter from Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCL0ZZ	Extirpation of Matter from Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0DCL3ZZ	Extirpation of Matter from Transverse Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DCL4ZZ	Extirpation of Matter from Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCM0ZZ	Extirpation of Matter from Descending Colon, Open Approach	Procedure	ICD-10-PCS
0DCM3ZZ	Extirpation of Matter from Descending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DCM4ZZ	Extirpation of Matter from Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCN0ZZ	Extirpation of Matter from Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0DCN3ZZ	Extirpation of Matter from Sigmoid Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DCN4ZZ	Extirpation of Matter from Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCP0ZZ	Extirpation of Matter from Rectum, Open Approach	Procedure	ICD-10-PCS
0DCP3ZZ	Extirpation of Matter from Rectum, Percutaneous Approach	Procedure	ICD-10-PCS
0DCP4ZZ	Extirpation of Matter from Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCQ0ZZ	Extirpation of Matter from Anus, Open Approach	Procedure	ICD-10-PCS
0DCQ3ZZ	Extirpation of Matter from Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0DCQ4ZZ	Extirpation of Matter from Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCR0ZZ	Extirpation of Matter from Anal Sphincter, Open Approach	Procedure	ICD-10-PCS
0DCR3ZZ	Extirpation of Matter from Anal Sphincter, Percutaneous Approach	Procedure	ICD-10-PCS
0DCR4ZZ	Extirpation of Matter from Anal Sphincter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCS0ZZ	Extirpation of Matter from Greater Omentum, Open Approach	Procedure	ICD-10-PCS
0DCS3ZZ	Extirpation of Matter from Greater Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DCS4ZZ	Extirpation of Matter from Greater Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCT0ZZ	Extirpation of Matter from Lesser Omentum, Open Approach	Procedure	ICD-10-PCS
0DCT3ZZ	Extirpation of Matter from Lesser Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DCT4ZZ	Extirpation of Matter from Lesser Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DCU0ZZ	Extirpation of Matter from Omentum, Open Approach	Procedure	ICD-10-PCS
0DCU3ZZ	Extirpation of Matter from Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DCU4ZZ	Extirpation of Matter from Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCV0ZZ	Extirpation of Matter from Mesentery, Open Approach	Procedure	ICD-10-PCS
0DCV3ZZ	Extirpation of Matter from Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS
0DCV4ZZ	Extirpation of Matter from Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DCW0ZZ	Extirpation of Matter from Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DCW3ZZ	Extirpation of Matter from Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0DCW4ZZ	Extirpation of Matter from Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DF50ZZ	Fragmentation in Esophagus, Open Approach	Procedure	ICD-10-PCS
0DF53ZZ	Fragmentation in Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DF54ZZ	Fragmentation in Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DF57ZZ	Fragmentation in Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DF58ZZ	Fragmentation in Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DF60ZZ	Fragmentation in Stomach, Open Approach	Procedure	ICD-10-PCS
0DF63ZZ	Fragmentation in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DF64ZZ	Fragmentation in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DF67ZZ	Fragmentation in Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DF68ZZ	Fragmentation in Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DF80ZZ	Fragmentation in Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DF83ZZ	Fragmentation in Small Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DF84ZZ	Fragmentation in Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DF87ZZ	Fragmentation in Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DF88ZZ	Fragmentation in Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DF90ZZ	Fragmentation in Duodenum, Open Approach	Procedure	ICD-10-PCS
0DF93ZZ	Fragmentation in Duodenum, Percutaneous Approach	Procedure	ICD-10-PCS
0DF94ZZ	Fragmentation in Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DF97ZZ	Fragmentation in Duodenum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DF98ZZ	Fragmentation in Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFA0ZZ	Fragmentation in Jejunum, Open Approach	Procedure	ICD-10-PCS
0DFA3ZZ	Fragmentation in Jejunum, Percutaneous Approach	Procedure	ICD-10-PCS
0DFA4ZZ	Fragmentation in Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFA7ZZ	Fragmentation in Jejunum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFA8ZZ	Fragmentation in Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFB0ZZ	Fragmentation in Ileum, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DFB3ZZ	Fragmentation in Ileum, Percutaneous Approach	Procedure	ICD-10-PCS
0DFB4ZZ	Fragmentation in Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFB7ZZ	Fragmentation in Ileum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFB8ZZ	Fragmentation in Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFE0ZZ	Fragmentation in Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DFE3ZZ	Fragmentation in Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DFE4ZZ	Fragmentation in Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFE7ZZ	Fragmentation in Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFE8ZZ	Fragmentation in Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFF0ZZ	Fragmentation in Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DFF3ZZ	Fragmentation in Right Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DFF4ZZ	Fragmentation in Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFF7ZZ	Fragmentation in Right Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFF8ZZ	Fragmentation in Right Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFG0ZZ	Fragmentation in Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DFG3ZZ	Fragmentation in Left Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DFG4ZZ	Fragmentation in Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFG7ZZ	Fragmentation in Left Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFG8ZZ	Fragmentation in Left Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFH0ZZ	Fragmentation in Cecum, Open Approach	Procedure	ICD-10-PCS
0DFH3ZZ	Fragmentation in Cecum, Percutaneous Approach	Procedure	ICD-10-PCS
0DFH4ZZ	Fragmentation in Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFH7ZZ	Fragmentation in Cecum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFH8ZZ	Fragmentation in Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFJ0ZZ	Fragmentation in Appendix, Open Approach	Procedure	ICD-10-PCS
0DFJ3ZZ	Fragmentation in Appendix, Percutaneous Approach	Procedure	ICD-10-PCS
0DFJ4ZZ	Fragmentation in Appendix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFJ7ZZ	Fragmentation in Appendix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFJ8ZZ	Fragmentation in Appendix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFK0ZZ	Fragmentation in Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0DFK3ZZ	Fragmentation in Ascending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DFK4ZZ	Fragmentation in Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DFK7ZZ	Fragmentation in Ascending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFK8ZZ	Fragmentation in Ascending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFL0ZZ	Fragmentation in Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0DFL3ZZ	Fragmentation in Transverse Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DFL4ZZ	Fragmentation in Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFL7ZZ	Fragmentation in Transverse Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFL8ZZ	Fragmentation in Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFM0ZZ	Fragmentation in Descending Colon, Open Approach	Procedure	ICD-10-PCS
0DFM3ZZ	Fragmentation in Descending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DFM4ZZ	Fragmentation in Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFM7ZZ	Fragmentation in Descending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFM8ZZ	Fragmentation in Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFN0ZZ	Fragmentation in Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0DFN3ZZ	Fragmentation in Sigmoid Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DFN4ZZ	Fragmentation in Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFN7ZZ	Fragmentation in Sigmoid Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFN8ZZ	Fragmentation in Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFP0ZZ	Fragmentation in Rectum, Open Approach	Procedure	ICD-10-PCS
0DFP3ZZ	Fragmentation in Rectum, Percutaneous Approach	Procedure	ICD-10-PCS
0DFP4ZZ	Fragmentation in Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFP7ZZ	Fragmentation in Rectum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFP8ZZ	Fragmentation in Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DFQ0ZZ	Fragmentation in Anus, Open Approach	Procedure	ICD-10-PCS
0DFQ3ZZ	Fragmentation in Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0DFQ4ZZ	Fragmentation in Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DFQ7ZZ	Fragmentation in Anus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DFQ8ZZ	Fragmentation in Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DH00YZ	Insertion of Other Device into Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DH04YZ	Insertion of Other Device into Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH501Z	Insertion of Radioactive Element into Esophagus, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DH503Z	Insertion of Infusion Device into Esophagus, Open Approach	Procedure	ICD-10-PCS
0DH50DZ	Insertion of Intraluminal Device into Esophagus, Open Approach	Procedure	ICD-10-PCS
0DH50UZ	Insertion of Feeding Device into Esophagus, Open Approach	Procedure	ICD-10-PCS
0DH50YZ	Insertion of Other Device into Esophagus, Open Approach	Procedure	ICD-10-PCS
0DH533Z	Insertion of Infusion Device into Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DH541Z	Insertion of Radioactive Element into Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH543Z	Insertion of Infusion Device into Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH54DZ	Insertion of Intraluminal Device into Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH54YZ	Insertion of Other Device into Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH601Z	Insertion of Radioactive Element into Stomach, Open Approach	Procedure	ICD-10-PCS
0DH603Z	Insertion of Infusion Device into Stomach, Open Approach	Procedure	ICD-10-PCS
0DH60DZ	Insertion of Intraluminal Device into Stomach, Open Approach	Procedure	ICD-10-PCS
0DH60MZ	Insertion of Stimulator Lead into Stomach, Open Approach	Procedure	ICD-10-PCS
0DH60UZ	Insertion of Feeding Device into Stomach, Open Approach	Procedure	ICD-10-PCS
0DH60YZ	Insertion of Other Device into Stomach, Open Approach	Procedure	ICD-10-PCS
0DH633Z	Insertion of Infusion Device into Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DH63DZ	Insertion of Intraluminal Device into Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DH63MZ	Insertion of Stimulator Lead into Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DH641Z	Insertion of Radioactive Element into Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH643Z	Insertion of Infusion Device into Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH64DZ	Insertion of Intraluminal Device into Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH64MZ	Insertion of Stimulator Lead into Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH64YZ	Insertion of Other Device into Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH801Z	Insertion of Radioactive Element into Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DH803Z	Insertion of Infusion Device into Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DH80DZ	Insertion of Intraluminal Device into Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DH80UZ	Insertion of Feeding Device into Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DH833Z	Insertion of Infusion Device into Small Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DH841Z	Insertion of Radioactive Element into Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DH843Z	Insertion of Infusion Device into Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH84DZ	Insertion of Intraluminal Device into Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH901Z	Insertion of Radioactive Element into Duodenum, Open Approach	Procedure	ICD-10-PCS
0DH903Z	Insertion of Infusion Device into Duodenum, Open Approach	Procedure	ICD-10-PCS
0DH90DZ	Insertion of Intraluminal Device into Duodenum, Open Approach	Procedure	ICD-10-PCS
0DH90UZ	Insertion of Feeding Device into Duodenum, Open Approach	Procedure	ICD-10-PCS
0DH933Z	Insertion of Infusion Device into Duodenum, Percutaneous Approach	Procedure	ICD-10-PCS
0DH941Z	Insertion of Radioactive Element into Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH943Z	Insertion of Infusion Device into Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DH94DZ	Insertion of Intraluminal Device into Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHA01Z	Insertion of Radioactive Element into Jejunum, Open Approach	Procedure	ICD-10-PCS
0DHA03Z	Insertion of Infusion Device into Jejunum, Open Approach	Procedure	ICD-10-PCS
0DHA0DZ	Insertion of Intraluminal Device into Jejunum, Open Approach	Procedure	ICD-10-PCS
0DHA0UZ	Insertion of Feeding Device into Jejunum, Open Approach	Procedure	ICD-10-PCS
0DHA33Z	Insertion of Infusion Device into Jejunum, Percutaneous Approach	Procedure	ICD-10-PCS
0DHA41Z	Insertion of Radioactive Element into Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHA43Z	Insertion of Infusion Device into Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHA4DZ	Insertion of Intraluminal Device into Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHB01Z	Insertion of Radioactive Element into Ileum, Open Approach	Procedure	ICD-10-PCS
0DHB03Z	Insertion of Infusion Device into Ileum, Open Approach	Procedure	ICD-10-PCS
0DHB0DZ	Insertion of Intraluminal Device into Ileum, Open Approach	Procedure	ICD-10-PCS
0DHB0UZ	Insertion of Feeding Device into Ileum, Open Approach	Procedure	ICD-10-PCS
0DHB33Z	Insertion of Infusion Device into Ileum, Percutaneous Approach	Procedure	ICD-10-PCS
0DHB41Z	Insertion of Radioactive Element into Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHB43Z	Insertion of Infusion Device into Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHB4DZ	Insertion of Intraluminal Device into Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHD0YZ	Insertion of Other Device into Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DHD4YZ	Insertion of Other Device into Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHE01Z	Insertion of Radioactive Element into Large Intestine, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DHE0DZ	Insertion of Intraluminal Device into Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DHE41Z	Insertion of Radioactive Element into Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHE4DZ	Insertion of Intraluminal Device into Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHP01Z	Insertion of Radioactive Element into Rectum, Open Approach	Procedure	ICD-10-PCS
0DHP0DZ	Insertion of Intraluminal Device into Rectum, Open Approach	Procedure	ICD-10-PCS
0DHP41Z	Insertion of Radioactive Element into Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHP4DZ	Insertion of Intraluminal Device into Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHQ0DZ	Insertion of Intraluminal Device into Anus, Open Approach	Procedure	ICD-10-PCS
0DHQ0LZ	Insertion of Artificial Sphincter into Anus, Open Approach	Procedure	ICD-10-PCS
0DHQ3DZ	Insertion of Intraluminal Device into Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0DHQ3LZ	Insertion of Artificial Sphincter into Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0DHQ4DZ	Insertion of Intraluminal Device into Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHQ4LZ	Insertion of Artificial Sphincter into Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DHR0MZ	Insertion of Stimulator Lead into Anal Sphincter, Open Approach	Procedure	ICD-10-PCS
0DHR3MZ	Insertion of Stimulator Lead into Anal Sphincter, Percutaneous Approach	Procedure	ICD-10-PCS
0DHR4MZ	Insertion of Stimulator Lead into Anal Sphincter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL10CZ	Occlusion of Upper Esophagus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL10DZ	Occlusion of Upper Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL10ZZ	Occlusion of Upper Esophagus, Open Approach	Procedure	ICD-10-PCS
0DL14CZ	Occlusion of Upper Esophagus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL14DZ	Occlusion of Upper Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL14ZZ	Occlusion of Upper Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL20CZ	Occlusion of Middle Esophagus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL20DZ	Occlusion of Middle Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL20ZZ	Occlusion of Middle Esophagus, Open Approach	Procedure	ICD-10-PCS
0DL24CZ	Occlusion of Middle Esophagus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DL24DZ	Occlusion of Middle Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL24ZZ	Occlusion of Middle Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL30CZ	Occlusion of Lower Esophagus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL30DZ	Occlusion of Lower Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL30ZZ	Occlusion of Lower Esophagus, Open Approach	Procedure	ICD-10-PCS
0DL34CZ	Occlusion of Lower Esophagus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL34DZ	Occlusion of Lower Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL34ZZ	Occlusion of Lower Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL40CZ	Occlusion of Esophagogastric Junction with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL40DZ	Occlusion of Esophagogastric Junction with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL40ZZ	Occlusion of Esophagogastric Junction, Open Approach	Procedure	ICD-10-PCS
0DL44CZ	Occlusion of Esophagogastric Junction with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL44DZ	Occlusion of Esophagogastric Junction with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL44ZZ	Occlusion of Esophagogastric Junction, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL50CZ	Occlusion of Esophagus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL50DZ	Occlusion of Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL50ZZ	Occlusion of Esophagus, Open Approach	Procedure	ICD-10-PCS
0DL54CZ	Occlusion of Esophagus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL54DZ	Occlusion of Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL54ZZ	Occlusion of Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL60CZ	Occlusion of Stomach with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL60DZ	Occlusion of Stomach with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL60ZZ	Occlusion of Stomach, Open Approach	Procedure	ICD-10-PCS
0DL63CZ	Occlusion of Stomach with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DL63DZ	Occlusion of Stomach with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DL63ZZ	Occlusion of Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DL64CZ	Occlusion of Stomach with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DL64DZ	Occlusion of Stomach with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL64ZZ	Occlusion of Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL67DZ	Occlusion of Stomach with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DL67ZZ	Occlusion of Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DL68DZ	Occlusion of Stomach with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DL68ZZ	Occlusion of Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DL70CZ	Occlusion of Stomach, Pylorus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL70DZ	Occlusion of Stomach, Pylorus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL70ZZ	Occlusion of Stomach, Pylorus, Open Approach	Procedure	ICD-10-PCS
0DL73CZ	Occlusion of Stomach, Pylorus with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DL73DZ	Occlusion of Stomach, Pylorus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DL73ZZ	Occlusion of Stomach, Pylorus, Percutaneous Approach	Procedure	ICD-10-PCS
0DL74CZ	Occlusion of Stomach, Pylorus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL74DZ	Occlusion of Stomach, Pylorus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL74ZZ	Occlusion of Stomach, Pylorus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL77DZ	Occlusion of Stomach, Pylorus with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DL77ZZ	Occlusion of Stomach, Pylorus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DL78DZ	Occlusion of Stomach, Pylorus with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DL78ZZ	Occlusion of Stomach, Pylorus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DL80CZ	Occlusion of Small Intestine with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL80DZ	Occlusion of Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL80ZZ	Occlusion of Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DL83CZ	Occlusion of Small Intestine with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DL83DZ	Occlusion of Small Intestine with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DL83ZZ	Occlusion of Small Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DL84CZ	Occlusion of Small Intestine with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DL84DZ	Occlusion of Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL84ZZ	Occlusion of Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL87DZ	Occlusion of Small Intestine with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DL87ZZ	Occlusion of Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DL88DZ	Occlusion of Small Intestine with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DL88ZZ	Occlusion of Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DL90CZ	Occlusion of Duodenum with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL90DZ	Occlusion of Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DL90ZZ	Occlusion of Duodenum, Open Approach	Procedure	ICD-10-PCS
0DL93CZ	Occlusion of Duodenum with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DL93DZ	Occlusion of Duodenum with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DL93ZZ	Occlusion of Duodenum, Percutaneous Approach	Procedure	ICD-10-PCS
0DL94CZ	Occlusion of Duodenum with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL94DZ	Occlusion of Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL94ZZ	Occlusion of Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DL97DZ	Occlusion of Duodenum with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DL97ZZ	Occlusion of Duodenum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DL98DZ	Occlusion of Duodenum with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DL98ZZ	Occlusion of Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLA0CZ	Occlusion of Jejunum with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLA0DZ	Occlusion of Jejunum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLA0ZZ	Occlusion of Jejunum, Open Approach	Procedure	ICD-10-PCS
0DLA3CZ	Occlusion of Jejunum with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLA3DZ	Occlusion of Jejunum with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLA3ZZ	Occlusion of Jejunum, Percutaneous Approach	Procedure	ICD-10-PCS
0DLA4CZ	Occlusion of Jejunum with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLA4DZ	Occlusion of Jejunum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLA4ZZ	Occlusion of Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DLA7DZ	Occlusion of Jejunum with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLA7ZZ	Occlusion of Jejunum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLA8DZ	Occlusion of Jejunum with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLA8ZZ	Occlusion of Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLB0CZ	Occlusion of Ileum with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLB0DZ	Occlusion of Ileum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLB0ZZ	Occlusion of Ileum, Open Approach	Procedure	ICD-10-PCS
0DLB3CZ	Occlusion of Ileum with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLB3DZ	Occlusion of Ileum with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLB3ZZ	Occlusion of Ileum, Percutaneous Approach	Procedure	ICD-10-PCS
0DLB4CZ	Occlusion of Ileum with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLB4DZ	Occlusion of Ileum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLB4ZZ	Occlusion of Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLB7DZ	Occlusion of Ileum with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLB7ZZ	Occlusion of Ileum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLB8DZ	Occlusion of Ileum with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLB8ZZ	Occlusion of Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLC0CZ	Occlusion of Ileocecal Valve with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLC0DZ	Occlusion of Ileocecal Valve with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLC0ZZ	Occlusion of Ileocecal Valve, Open Approach	Procedure	ICD-10-PCS
0DLC3CZ	Occlusion of Ileocecal Valve with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLC3DZ	Occlusion of Ileocecal Valve with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLC3ZZ	Occlusion of Ileocecal Valve, Percutaneous Approach	Procedure	ICD-10-PCS
0DLC4CZ	Occlusion of Ileocecal Valve with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLC4DZ	Occlusion of Ileocecal Valve with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLC4ZZ	Occlusion of Ileocecal Valve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLC7DZ	Occlusion of Ileocecal Valve with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLC7ZZ	Occlusion of Ileocecal Valve, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DLC8DZ	Occlusion of Ileocecal Valve with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLC8ZZ	Occlusion of Ileocecal Valve, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLE0CZ	Occlusion of Large Intestine with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLE0DZ	Occlusion of Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLE0ZZ	Occlusion of Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DLE3CZ	Occlusion of Large Intestine with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLE3DZ	Occlusion of Large Intestine with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLE3ZZ	Occlusion of Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DLE4CZ	Occlusion of Large Intestine with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLE4DZ	Occlusion of Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLE4ZZ	Occlusion of Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLE7DZ	Occlusion of Large Intestine with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLE7ZZ	Occlusion of Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLE8DZ	Occlusion of Large Intestine with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLE8ZZ	Occlusion of Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLF0CZ	Occlusion of Right Large Intestine with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLF0DZ	Occlusion of Right Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLF0ZZ	Occlusion of Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DLF3CZ	Occlusion of Right Large Intestine with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLF3DZ	Occlusion of Right Large Intestine with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLF3ZZ	Occlusion of Right Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DLF4CZ	Occlusion of Right Large Intestine with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLF4DZ	Occlusion of Right Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLF4ZZ	Occlusion of Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLF7DZ	Occlusion of Right Large Intestine with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DLF7ZZ	Occlusion of Right Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLF8DZ	Occlusion of Right Large Intestine with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLF8ZZ	Occlusion of Right Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLG0CZ	Occlusion of Left Large Intestine with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLG0DZ	Occlusion of Left Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLG0ZZ	Occlusion of Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DLG3CZ	Occlusion of Left Large Intestine with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLG3DZ	Occlusion of Left Large Intestine with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLG3ZZ	Occlusion of Left Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DLG4CZ	Occlusion of Left Large Intestine with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLG4DZ	Occlusion of Left Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLG4ZZ	Occlusion of Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLG7DZ	Occlusion of Left Large Intestine with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLG7ZZ	Occlusion of Left Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLG8DZ	Occlusion of Left Large Intestine with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLG8ZZ	Occlusion of Left Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLH0CZ	Occlusion of Cecum with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLH0DZ	Occlusion of Cecum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLH0ZZ	Occlusion of Cecum, Open Approach	Procedure	ICD-10-PCS
0DLH3CZ	Occlusion of Cecum with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLH3DZ	Occlusion of Cecum with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLH3ZZ	Occlusion of Cecum, Percutaneous Approach	Procedure	ICD-10-PCS
0DLH4CZ	Occlusion of Cecum with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLH4DZ	Occlusion of Cecum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLH4ZZ	Occlusion of Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLH7DZ	Occlusion of Cecum with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLH7ZZ	Occlusion of Cecum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DLH8DZ	Occlusion of Cecum with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLH8ZZ	Occlusion of Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLK0CZ	Occlusion of Ascending Colon with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLK0DZ	Occlusion of Ascending Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLK0ZZ	Occlusion of Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0DLK3CZ	Occlusion of Ascending Colon with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLK3DZ	Occlusion of Ascending Colon with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLK3ZZ	Occlusion of Ascending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DLK4CZ	Occlusion of Ascending Colon with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLK4DZ	Occlusion of Ascending Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLK4ZZ	Occlusion of Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLK7DZ	Occlusion of Ascending Colon with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLK7ZZ	Occlusion of Ascending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLK8DZ	Occlusion of Ascending Colon with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLK8ZZ	Occlusion of Ascending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLL0CZ	Occlusion of Transverse Colon with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLL0DZ	Occlusion of Transverse Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLL0ZZ	Occlusion of Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0DLL3CZ	Occlusion of Transverse Colon with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLL3DZ	Occlusion of Transverse Colon with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLL3ZZ	Occlusion of Transverse Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DLL4CZ	Occlusion of Transverse Colon with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLL4DZ	Occlusion of Transverse Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLL4ZZ	Occlusion of Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLL7DZ	Occlusion of Transverse Colon with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLL7ZZ	Occlusion of Transverse Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DLL8DZ	Occlusion of Transverse Colon with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLL8ZZ	Occlusion of Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLM0CZ	Occlusion of Descending Colon with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLM0DZ	Occlusion of Descending Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLM0ZZ	Occlusion of Descending Colon, Open Approach	Procedure	ICD-10-PCS
0DLM3CZ	Occlusion of Descending Colon with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLM3DZ	Occlusion of Descending Colon with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLM3ZZ	Occlusion of Descending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DLM4CZ	Occlusion of Descending Colon with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLM4DZ	Occlusion of Descending Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLM4ZZ	Occlusion of Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLM7DZ	Occlusion of Descending Colon with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLM7ZZ	Occlusion of Descending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLM8DZ	Occlusion of Descending Colon with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLM8ZZ	Occlusion of Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLN0CZ	Occlusion of Sigmoid Colon with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLN0DZ	Occlusion of Sigmoid Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLN0ZZ	Occlusion of Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0DLN3CZ	Occlusion of Sigmoid Colon with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLN3DZ	Occlusion of Sigmoid Colon with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLN3ZZ	Occlusion of Sigmoid Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DLN4CZ	Occlusion of Sigmoid Colon with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLN4DZ	Occlusion of Sigmoid Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLN4ZZ	Occlusion of Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLN7DZ	Occlusion of Sigmoid Colon with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DLN7ZZ	Occlusion of Sigmoid Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLN8DZ	Occlusion of Sigmoid Colon with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLN8ZZ	Occlusion of Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLP0CZ	Occlusion of Rectum with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLP0DZ	Occlusion of Rectum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLP0ZZ	Occlusion of Rectum, Open Approach	Procedure	ICD-10-PCS
0DLP3CZ	Occlusion of Rectum with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLP3DZ	Occlusion of Rectum with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLP3ZZ	Occlusion of Rectum, Percutaneous Approach	Procedure	ICD-10-PCS
0DLP4CZ	Occlusion of Rectum with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLP4DZ	Occlusion of Rectum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLP4ZZ	Occlusion of Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLP7DZ	Occlusion of Rectum with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLP7ZZ	Occlusion of Rectum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLP8DZ	Occlusion of Rectum with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLP8ZZ	Occlusion of Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLQ0CZ	Occlusion of Anus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLQ0DZ	Occlusion of Anus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DLQ0ZZ	Occlusion of Anus, Open Approach	Procedure	ICD-10-PCS
0DLQ3CZ	Occlusion of Anus with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLQ3DZ	Occlusion of Anus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DLQ3ZZ	Occlusion of Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0DLQ4CZ	Occlusion of Anus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLQ4DZ	Occlusion of Anus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLQ4ZZ	Occlusion of Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DLQ7DZ	Occlusion of Anus with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLQ7ZZ	Occlusion of Anus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DLQ8DZ	Occlusion of Anus with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLQ8ZZ	Occlusion of Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DLQXCZ	Occlusion of Anus with Extraluminal Device, External Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DLQXDZ	Occlusion of Anus with Intraluminal Device, External Approach	Procedure	ICD-10-PCS
0DLQXZZ	Occlusion of Anus, External Approach	Procedure	ICD-10-PCS
0DM50ZZ	Reattachment of Esophagus, Open Approach	Procedure	ICD-10-PCS
0DM54ZZ	Reattachment of Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DM60ZZ	Reattachment of Stomach, Open Approach	Procedure	ICD-10-PCS
0DM64ZZ	Reattachment of Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DM80ZZ	Reattachment of Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DM84ZZ	Reattachment of Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DM90ZZ	Reattachment of Duodenum, Open Approach	Procedure	ICD-10-PCS
0DM94ZZ	Reattachment of Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DMA0ZZ	Reattachment of Jejunum, Open Approach	Procedure	ICD-10-PCS
0DMA4ZZ	Reattachment of Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DMB0ZZ	Reattachment of Ileum, Open Approach	Procedure	ICD-10-PCS
0DMB4ZZ	Reattachment of Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DME0ZZ	Reattachment of Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DME4ZZ	Reattachment of Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DMF0ZZ	Reattachment of Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DMF4ZZ	Reattachment of Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DMG0ZZ	Reattachment of Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DMG4ZZ	Reattachment of Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DMH0ZZ	Reattachment of Cecum, Open Approach	Procedure	ICD-10-PCS
0DMH4ZZ	Reattachment of Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DMK0ZZ	Reattachment of Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0DMK4ZZ	Reattachment of Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DML0ZZ	Reattachment of Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0DML4ZZ	Reattachment of Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DMM0ZZ	Reattachment of Descending Colon, Open Approach	Procedure	ICD-10-PCS
0DMM4ZZ	Reattachment of Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DMN0ZZ	Reattachment of Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0DMN4ZZ	Reattachment of Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DMP0ZZ	Reattachment of Rectum, Open Approach	Procedure	ICD-10-PCS
0DMP4ZZ	Reattachment of Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DN10ZZ	Release Upper Esophagus, Open Approach	Procedure	ICD-10-PCS
0DN13ZZ	Release Upper Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DN14ZZ	Release Upper Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DN17ZZ	Release Upper Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DN18ZZ	Release Upper Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DN20ZZ	Release Middle Esophagus, Open Approach	Procedure	ICD-10-PCS
0DN23ZZ	Release Middle Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DN24ZZ	Release Middle Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DN27ZZ	Release Middle Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DN28ZZ	Release Middle Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DN30ZZ	Release Lower Esophagus, Open Approach	Procedure	ICD-10-PCS
0DN33ZZ	Release Lower Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DN34ZZ	Release Lower Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DN37ZZ	Release Lower Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DN38ZZ	Release Lower Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DN40ZZ	Release Esophagogastric Junction, Open Approach	Procedure	ICD-10-PCS
0DN43ZZ	Release Esophagogastric Junction, Percutaneous Approach	Procedure	ICD-10-PCS
0DN44ZZ	Release Esophagogastric Junction, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DN47ZZ	Release Esophagogastric Junction, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DN48ZZ	Release Esophagogastric Junction, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DN50ZZ	Release Esophagus, Open Approach	Procedure	ICD-10-PCS
0DN53ZZ	Release Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DN54ZZ	Release Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DN57ZZ	Release Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DN58ZZ	Release Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DN60ZZ	Release Stomach, Open Approach	Procedure	ICD-10-PCS
0DN63ZZ	Release Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DN64ZZ	Release Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DN67ZZ	Release Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DN68ZZ	Release Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DN70ZZ	Release Stomach, Pylorus, Open Approach	Procedure	ICD-10-PCS
0DN73ZZ	Release Stomach, Pylorus, Percutaneous Approach	Procedure	ICD-10-PCS
0DN74ZZ	Release Stomach, Pylorus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DN77ZZ	Release Stomach, Pylorus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DN78ZZ	Release Stomach, Pylorus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DN80ZZ	Release Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DN83ZZ	Release Small Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DN84ZZ	Release Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DN90ZZ	Release Duodenum, Open Approach	Procedure	ICD-10-PCS
0DN93ZZ	Release Duodenum, Percutaneous Approach	Procedure	ICD-10-PCS
0DN94ZZ	Release Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNA0ZZ	Release Jejunum, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DNA3ZZ	Release Jejunum, Percutaneous Approach	Procedure	ICD-10-PCS
0DNA4ZZ	Release Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNB0ZZ	Release Ileum, Open Approach	Procedure	ICD-10-PCS
0DNB3ZZ	Release Ileum, Percutaneous Approach	Procedure	ICD-10-PCS
0DNB4ZZ	Release Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNC0ZZ	Release Ileocecal Valve, Open Approach	Procedure	ICD-10-PCS
0DNC3ZZ	Release Ileocecal Valve, Percutaneous Approach	Procedure	ICD-10-PCS
0DNC4ZZ	Release Ileocecal Valve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNC7ZZ	Release Ileocecal Valve, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DNC8ZZ	Release Ileocecal Valve, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DNE0ZZ	Release Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DNE3ZZ	Release Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DNE4ZZ	Release Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNF0ZZ	Release Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DNF3ZZ	Release Right Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DNF4ZZ	Release Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNG0ZZ	Release Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DNG3ZZ	Release Left Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DNG4ZZ	Release Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNH0ZZ	Release Cecum, Open Approach	Procedure	ICD-10-PCS
0DNH3ZZ	Release Cecum, Percutaneous Approach	Procedure	ICD-10-PCS
0DNH4ZZ	Release Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNJ0ZZ	Release Appendix, Open Approach	Procedure	ICD-10-PCS
0DNJ3ZZ	Release Appendix, Percutaneous Approach	Procedure	ICD-10-PCS
0DNJ4ZZ	Release Appendix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNJ7ZZ	Release Appendix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DNJ8ZZ	Release Appendix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DNK0ZZ	Release Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0DNK3ZZ	Release Ascending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DNK4ZZ	Release Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNL0ZZ	Release Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0DNL3ZZ	Release Transverse Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DNL4ZZ	Release Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNM0ZZ	Release Descending Colon, Open Approach	Procedure	ICD-10-PCS
0DNM3ZZ	Release Descending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DNM4ZZ	Release Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNN0ZZ	Release Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0DNN3ZZ	Release Sigmoid Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DNN4ZZ	Release Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNP0ZZ	Release Rectum, Open Approach	Procedure	ICD-10-PCS
0DNP3ZZ	Release Rectum, Percutaneous Approach	Procedure	ICD-10-PCS
0DNP4ZZ	Release Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNP7ZZ	Release Rectum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DNP8ZZ	Release Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DNQ0ZZ	Release Anus, Open Approach	Procedure	ICD-10-PCS
0DNQ3ZZ	Release Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0DNQ4ZZ	Release Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNQ7ZZ	Release Anus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DNQ8ZZ	Release Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DNQXZZ	Release Anus, External Approach	Procedure	ICD-10-PCS
0DNR0ZZ	Release Anal Sphincter, Open Approach	Procedure	ICD-10-PCS
0DNR3ZZ	Release Anal Sphincter, Percutaneous Approach	Procedure	ICD-10-PCS
0DNR4ZZ	Release Anal Sphincter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNS0ZZ	Release Greater Omentum, Open Approach	Procedure	ICD-10-PCS
0DNS3ZZ	Release Greater Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DNS4ZZ	Release Greater Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNT0ZZ	Release Lesser Omentum, Open Approach	Procedure	ICD-10-PCS
0DNT3ZZ	Release Lesser Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DNT4ZZ	Release Lesser Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNU0ZZ	Release Omentum, Open Approach	Procedure	ICD-10-PCS
0DNU3ZZ	Release Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DNU4ZZ	Release Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNV0ZZ	Release Mesentery, Open Approach	Procedure	ICD-10-PCS
0DNV3ZZ	Release Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS
0DNV4ZZ	Release Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DNW0ZZ	Release Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DNW3ZZ	Release Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0DNW4ZZ	Release Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP000Z	Removal of Drainage Device from Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DP002Z	Removal of Monitoring Device from Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DP003Z	Removal of Infusion Device from Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DP007Z	Removal of Autologous Tissue Substitute from Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DP00CZ	Removal of Extraluminal Device from Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DP00DZ	Removal of Intraluminal Device from Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DP00JZ	Removal of Synthetic Substitute from Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DP00KZ	Removal of Nonautologous Tissue Substitute from Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DP00UZ	Removal of Feeding Device from Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DP00YZ	Removal of Other Device from Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DP030Z	Removal of Drainage Device from Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DP032Z	Removal of Monitoring Device from Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DP033Z	Removal of Infusion Device from Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DP037Z	Removal of Autologous Tissue Substitute from Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DP03CZ	Removal of Extraluminal Device from Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DP03DZ	Removal of Intraluminal Device from Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DP03JZ	Removal of Synthetic Substitute from Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DP03KZ	Removal of Nonautologous Tissue Substitute from Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DP03YZ	Removal of Other Device from Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DP040Z	Removal of Drainage Device from Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP042Z	Removal of Monitoring Device from Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP043Z	Removal of Infusion Device from Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP047Z	Removal of Autologous Tissue Substitute from Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP04CZ	Removal of Extraluminal Device from Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP04DZ	Removal of Intraluminal Device from Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP04JZ	Removal of Synthetic Substitute from Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP04KZ	Removal of Nonautologous Tissue Substitute from Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP04UZ	Removal of Feeding Device from Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP04YZ	Removal of Other Device from Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP077Z	Removal of Autologous Tissue Substitute from Upper Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DP07CZ	Removal of Extraluminal Device from Upper Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DP07JZ	Removal of Synthetic Substitute from Upper Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DP07KZ	Removal of Nonautologous Tissue Substitute from Upper Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DP087Z	Removal of Autologous Tissue Substitute from Upper Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DP08CZ	Removal of Extraluminal Device from Upper Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DP08JZ	Removal of Synthetic Substitute from Upper Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DP08KZ	Removal of Nonautologous Tissue Substitute from Upper Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DP501Z	Removal of Radioactive Element from Esophagus, Open Approach	Procedure	ICD-10-PCS
0DP502Z	Removal of Monitoring Device from Esophagus, Open Approach	Procedure	ICD-10-PCS
0DP503Z	Removal of Infusion Device from Esophagus, Open Approach	Procedure	ICD-10-PCS
0DP50UZ	Removal of Feeding Device from Esophagus, Open Approach	Procedure	ICD-10-PCS
0DP50YZ	Removal of Other Device from Esophagus, Open Approach	Procedure	ICD-10-PCS
0DP532Z	Removal of Monitoring Device from Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DP533Z	Removal of Infusion Device from Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DP53YZ	Removal of Other Device from Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DP541Z	Removal of Radioactive Element from Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP542Z	Removal of Monitoring Device from Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP543Z	Removal of Infusion Device from Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP54UZ	Removal of Feeding Device from Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP54YZ	Removal of Other Device from Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP600Z	Removal of Drainage Device from Stomach, Open Approach	Procedure	ICD-10-PCS
0DP602Z	Removal of Monitoring Device from Stomach, Open Approach	Procedure	ICD-10-PCS
0DP603Z	Removal of Infusion Device from Stomach, Open Approach	Procedure	ICD-10-PCS
0DP607Z	Removal of Autologous Tissue Substitute from Stomach, Open Approach	Procedure	ICD-10-PCS
0DP60CZ	Removal of Extraluminal Device from Stomach, Open Approach	Procedure	ICD-10-PCS
0DP60DZ	Removal of Intraluminal Device from Stomach, Open Approach	Procedure	ICD-10-PCS
0DP60JZ	Removal of Synthetic Substitute from Stomach, Open Approach	Procedure	ICD-10-PCS
0DP60KZ	Removal of Nonautologous Tissue Substitute from Stomach, Open Approach	Procedure	ICD-10-PCS
0DP60MZ	Removal of Stimulator Lead from Stomach, Open Approach	Procedure	ICD-10-PCS
0DP60UZ	Removal of Feeding Device from Stomach, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DP60YZ	Removal of Other Device from Stomach, Open Approach	Procedure	ICD-10-PCS
0DP630Z	Removal of Drainage Device from Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DP632Z	Removal of Monitoring Device from Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DP633Z	Removal of Infusion Device from Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DP637Z	Removal of Autologous Tissue Substitute from Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DP63CZ	Removal of Extraluminal Device from Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DP63DZ	Removal of Intraluminal Device from Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DP63JZ	Removal of Synthetic Substitute from Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DP63KZ	Removal of Nonautologous Tissue Substitute from Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DP63MZ	Removal of Stimulator Lead from Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DP63YZ	Removal of Other Device from Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DP640Z	Removal of Drainage Device from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP642Z	Removal of Monitoring Device from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP643Z	Removal of Infusion Device from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP647Z	Removal of Autologous Tissue Substitute from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP64CZ	Removal of Extraluminal Device from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP64DZ	Removal of Intraluminal Device from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP64JZ	Removal of Synthetic Substitute from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP64KZ	Removal of Nonautologous Tissue Substitute from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP64MZ	Removal of Stimulator Lead from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP64UZ	Removal of Feeding Device from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP64YZ	Removal of Other Device from Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DP677Z	Removal of Autologous Tissue Substitute from Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DP67CZ	Removal of Extraluminal Device from Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DP67JZ	Removal of Synthetic Substitute from Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DP67KZ	Removal of Nonautologous Tissue Substitute from Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DP687Z	Removal of Autologous Tissue Substitute from Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DP68CZ	Removal of Extraluminal Device from Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DP68JZ	Removal of Synthetic Substitute from Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DP68KZ	Removal of Nonautologous Tissue Substitute from Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DPD00Z	Removal of Drainage Device from Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DPD02Z	Removal of Monitoring Device from Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DPD03Z	Removal of Infusion Device from Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DPD07Z	Removal of Autologous Tissue Substitute from Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DPD0CZ	Removal of Extraluminal Device from Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DPD0DZ	Removal of Intraluminal Device from Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DPD0JZ	Removal of Synthetic Substitute from Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DPD0KZ	Removal of Nonautologous Tissue Substitute from Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DPD0UZ	Removal of Feeding Device from Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DPD0YZ	Removal of Other Device from Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DPD30Z	Removal of Drainage Device from Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DPD32Z	Removal of Monitoring Device from Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DPD33Z	Removal of Infusion Device from Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DPD37Z	Removal of Autologous Tissue Substitute from Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DPD3CZ	Removal of Extraluminal Device from Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DPD3DZ	Removal of Intraluminal Device from Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DPD3JZ	Removal of Synthetic Substitute from Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DPD3KZ	Removal of Nonautologous Tissue Substitute from Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DPD3YZ	Removal of Other Device from Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DPD40Z	Removal of Drainage Device from Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPD42Z	Removal of Monitoring Device from Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPD43Z	Removal of Infusion Device from Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPD47Z	Removal of Autologous Tissue Substitute from Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPD4CZ	Removal of Extraluminal Device from Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPD4DZ	Removal of Intraluminal Device from Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPD4JZ	Removal of Synthetic Substitute from Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPD4KZ	Removal of Nonautologous Tissue Substitute from Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPD4UZ	Removal of Feeding Device from Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPD4YZ	Removal of Other Device from Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPD77Z	Removal of Autologous Tissue Substitute from Lower Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DPD7CZ	Removal of Extraluminal Device from Lower Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DPD7JZ	Removal of Synthetic Substitute from Lower Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DPD7KZ	Removal of Nonautologous Tissue Substitute from Lower Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DPD87Z	Removal of Autologous Tissue Substitute from Lower Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DPD8CZ	Removal of Extraluminal Device from Lower Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DPD8JZ	Removal of Synthetic Substitute from Lower Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DPD8KZ	Removal of Nonautologous Tissue Substitute from Lower Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DPP01Z	Removal of Radioactive Element from Rectum, Open Approach	Procedure	ICD-10-PCS
0DPP41Z	Removal of Radioactive Element from Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPQ0LZ	Removal of Artificial Sphincter from Anus, Open Approach	Procedure	ICD-10-PCS
0DPQ3LZ	Removal of Artificial Sphincter from Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0DPQ4LZ	Removal of Artificial Sphincter from Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPQ7LZ	Removal of Artificial Sphincter from Anus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DPQ8LZ	Removal of Artificial Sphincter from Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DPR0MZ	Removal of Stimulator Lead from Anal Sphincter, Open Approach	Procedure	ICD-10-PCS
0DPR3MZ	Removal of Stimulator Lead from Anal Sphincter, Percutaneous Approach	Procedure	ICD-10-PCS
0DPR4MZ	Removal of Stimulator Lead from Anal Sphincter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPU00Z	Removal of Drainage Device from Omentum, Open Approach	Procedure	ICD-10-PCS
0DPU01Z	Removal of Radioactive Element from Omentum, Open Approach	Procedure	ICD-10-PCS
0DPU07Z	Removal of Autologous Tissue Substitute from Omentum, Open Approach	Procedure	ICD-10-PCS
0DPU0JZ	Removal of Synthetic Substitute from Omentum, Open Approach	Procedure	ICD-10-PCS
0DPU0KZ	Removal of Nonautologous Tissue Substitute from Omentum, Open Approach	Procedure	ICD-10-PCS
0DPU30Z	Removal of Drainage Device from Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DPU37Z	Removal of Autologous Tissue Substitute from Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DPU3JZ	Removal of Synthetic Substitute from Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DPU3KZ	Removal of Nonautologous Tissue Substitute from Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DPU40Z	Removal of Drainage Device from Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPU41Z	Removal of Radioactive Element from Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPU47Z	Removal of Autologous Tissue Substitute from Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPU4JZ	Removal of Synthetic Substitute from Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPU4KZ	Removal of Nonautologous Tissue Substitute from Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPV00Z	Removal of Drainage Device from Mesentery, Open Approach	Procedure	ICD-10-PCS
0DPV01Z	Removal of Radioactive Element from Mesentery, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DPV07Z	Removal of Autologous Tissue Substitute from Mesentery, Open Approach	Procedure	ICD-10-PCS
0DPV0JZ	Removal of Synthetic Substitute from Mesentery, Open Approach	Procedure	ICD-10-PCS
0DPV0KZ	Removal of Nonautologous Tissue Substitute from Mesentery, Open Approach	Procedure	ICD-10-PCS
0DPV30Z	Removal of Drainage Device from Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS
0DPV37Z	Removal of Autologous Tissue Substitute from Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS
0DPV3JZ	Removal of Synthetic Substitute from Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS
0DPV3KZ	Removal of Nonautologous Tissue Substitute from Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS
0DPV40Z	Removal of Drainage Device from Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPV41Z	Removal of Radioactive Element from Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPV47Z	Removal of Autologous Tissue Substitute from Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPV4JZ	Removal of Synthetic Substitute from Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPV4KZ	Removal of Nonautologous Tissue Substitute from Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPW00Z	Removal of Drainage Device from Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DPW01Z	Removal of Radioactive Element from Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DPW07Z	Removal of Autologous Tissue Substitute from Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DPW0JZ	Removal of Synthetic Substitute from Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DPW0KZ	Removal of Nonautologous Tissue Substitute from Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DPW30Z	Removal of Drainage Device from Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0DPW37Z	Removal of Autologous Tissue Substitute from Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0DPW3JZ	Removal of Synthetic Substitute from Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0DPW3KZ	Removal of Nonautologous Tissue Substitute from Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0DPW40Z	Removal of Drainage Device from Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPW41Z	Removal of Radioactive Element from Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPW47Z	Removal of Autologous Tissue Substitute from Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DPW4JZ	Removal of Synthetic Substitute from Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DPW4KZ	Removal of Nonautologous Tissue Substitute from Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQ10ZZ	Repair Upper Esophagus, Open Approach	Procedure	ICD-10-PCS
0DQ13ZZ	Repair Upper Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DQ14ZZ	Repair Upper Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQ17ZZ	Repair Upper Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQ18ZZ	Repair Upper Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQ20ZZ	Repair Middle Esophagus, Open Approach	Procedure	ICD-10-PCS
0DQ23ZZ	Repair Middle Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DQ24ZZ	Repair Middle Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQ27ZZ	Repair Middle Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQ28ZZ	Repair Middle Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQ30ZZ	Repair Lower Esophagus, Open Approach	Procedure	ICD-10-PCS
0DQ33ZZ	Repair Lower Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DQ34ZZ	Repair Lower Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQ37ZZ	Repair Lower Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQ38ZZ	Repair Lower Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQ40ZZ	Repair Esophagogastric Junction, Open Approach	Procedure	ICD-10-PCS
0DQ43ZZ	Repair Esophagogastric Junction, Percutaneous Approach	Procedure	ICD-10-PCS
0DQ44ZZ	Repair Esophagogastric Junction, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQ47ZZ	Repair Esophagogastric Junction, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQ48ZZ	Repair Esophagogastric Junction, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQ50ZZ	Repair Esophagus, Open Approach	Procedure	ICD-10-PCS
0DQ53ZZ	Repair Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DQ54ZZ	Repair Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQ57ZZ	Repair Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQ58ZZ	Repair Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQ60ZZ	Repair Stomach, Open Approach	Procedure	ICD-10-PCS
0DQ63ZZ	Repair Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DQ64ZZ	Repair Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQ67ZZ	Repair Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQ68ZZ	Repair Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQ70ZZ	Repair Stomach, Pylorus, Open Approach	Procedure	ICD-10-PCS
0DQ73ZZ	Repair Stomach, Pylorus, Percutaneous Approach	Procedure	ICD-10-PCS
0DQ74ZZ	Repair Stomach, Pylorus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQ77ZZ	Repair Stomach, Pylorus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DQ78ZZ	Repair Stomach, Pylorus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQ80ZZ	Repair Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DQ83ZZ	Repair Small Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DQ84ZZ	Repair Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQ87ZZ	Repair Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQ88ZZ	Repair Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQ90ZZ	Repair Duodenum, Open Approach	Procedure	ICD-10-PCS
0DQ93ZZ	Repair Duodenum, Percutaneous Approach	Procedure	ICD-10-PCS
0DQ94ZZ	Repair Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQ97ZZ	Repair Duodenum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQ98ZZ	Repair Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQA0ZZ	Repair Jejunum, Open Approach	Procedure	ICD-10-PCS
0DQA3ZZ	Repair Jejunum, Percutaneous Approach	Procedure	ICD-10-PCS
0DQA4ZZ	Repair Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQA7ZZ	Repair Jejunum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQA8ZZ	Repair Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQB0ZZ	Repair Ileum, Open Approach	Procedure	ICD-10-PCS
0DQB3ZZ	Repair Ileum, Percutaneous Approach	Procedure	ICD-10-PCS
0DQB4ZZ	Repair Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQB7ZZ	Repair Ileum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQB8ZZ	Repair Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQC0ZZ	Repair Ileocecal Valve, Open Approach	Procedure	ICD-10-PCS
0DQC3ZZ	Repair Ileocecal Valve, Percutaneous Approach	Procedure	ICD-10-PCS
0DQC4ZZ	Repair Ileocecal Valve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQC7ZZ	Repair Ileocecal Valve, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQC8ZZ	Repair Ileocecal Valve, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQE0ZZ	Repair Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DQE3ZZ	Repair Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DQE4ZZ	Repair Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQE7ZZ	Repair Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQE8ZZ	Repair Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQF0ZZ	Repair Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DQF3ZZ	Repair Right Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DQF4ZZ	Repair Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQF7ZZ	Repair Right Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQF8ZZ	Repair Right Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQG0ZZ	Repair Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DQG3ZZ	Repair Left Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DQG4ZZ	Repair Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQG7ZZ	Repair Left Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQG8ZZ	Repair Left Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DQH0ZZ	Repair Cecum, Open Approach	Procedure	ICD-10-PCS
0DQH3ZZ	Repair Cecum, Percutaneous Approach	Procedure	ICD-10-PCS
0DQH4ZZ	Repair Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQH7ZZ	Repair Cecum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQH8ZZ	Repair Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQJ0ZZ	Repair Appendix, Open Approach	Procedure	ICD-10-PCS
0DQJ3ZZ	Repair Appendix, Percutaneous Approach	Procedure	ICD-10-PCS
0DQJ4ZZ	Repair Appendix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQJ7ZZ	Repair Appendix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQJ8ZZ	Repair Appendix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQK0ZZ	Repair Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0DQK3ZZ	Repair Ascending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DQK4ZZ	Repair Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQK7ZZ	Repair Ascending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQK8ZZ	Repair Ascending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQL0ZZ	Repair Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0DQL3ZZ	Repair Transverse Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DQL4ZZ	Repair Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQL7ZZ	Repair Transverse Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQL8ZZ	Repair Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQM0ZZ	Repair Descending Colon, Open Approach	Procedure	ICD-10-PCS
0DQM3ZZ	Repair Descending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DQM4ZZ	Repair Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQM7ZZ	Repair Descending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQM8ZZ	Repair Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQN0ZZ	Repair Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0DQN3ZZ	Repair Sigmoid Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DQN4ZZ	Repair Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQN7ZZ	Repair Sigmoid Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQN8ZZ	Repair Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQP0ZZ	Repair Rectum, Open Approach	Procedure	ICD-10-PCS
0DQP3ZZ	Repair Rectum, Percutaneous Approach	Procedure	ICD-10-PCS
0DQP4ZZ	Repair Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQP7ZZ	Repair Rectum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQP8ZZ	Repair Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQQ0ZZ	Repair Anus, Open Approach	Procedure	ICD-10-PCS
0DQQ3ZZ	Repair Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0DQQ4ZZ	Repair Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQQ7ZZ	Repair Anus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQQ8ZZ	Repair Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQQXZZ	Repair Anus, External Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DQR0ZZ	Repair Anal Sphincter, Open Approach	Procedure	ICD-10-PCS
0DQR3ZZ	Repair Anal Sphincter, Percutaneous Approach	Procedure	ICD-10-PCS
0DQR4ZZ	Repair Anal Sphincter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQS0ZZ	Repair Greater Omentum, Open Approach	Procedure	ICD-10-PCS
0DQS3ZZ	Repair Greater Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DQS4ZZ	Repair Greater Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQT0ZZ	Repair Lesser Omentum, Open Approach	Procedure	ICD-10-PCS
0DQT3ZZ	Repair Lesser Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DQT4ZZ	Repair Lesser Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQU0ZZ	Repair Omentum, Open Approach	Procedure	ICD-10-PCS
0DQU3ZZ	Repair Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DQU4ZZ	Repair Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQV0ZZ	Repair Mesentery, Open Approach	Procedure	ICD-10-PCS
0DQV3ZZ	Repair Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS
0DQV4ZZ	Repair Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQW0ZZ	Repair Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DQW3ZZ	Repair Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0DQW4ZZ	Repair Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DR507Z	Replacement of Esophagus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DR50JZ	Replacement of Esophagus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DR50KZ	Replacement of Esophagus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DR547Z	Replacement of Esophagus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DR54JZ	Replacement of Esophagus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DR54KZ	Replacement of Esophagus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DR577Z	Replacement of Esophagus with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DR57JZ	Replacement of Esophagus with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DR57KZ	Replacement of Esophagus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DR587Z	Replacement of Esophagus with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DR58JZ	Replacement of Esophagus with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DR58KZ	Replacement of Esophagus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DRR07Z	Replacement of Anal Sphincter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DRR0JZ	Replacement of Anal Sphincter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DRR0KZ	Replacement of Anal Sphincter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DRR47Z	Replacement of Anal Sphincter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRR4JZ	Replacement of Anal Sphincter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRR4KZ	Replacement of Anal Sphincter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRS07Z	Replacement of Greater Omentum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DRS0JZ	Replacement of Greater Omentum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DRS0KZ	Replacement of Greater Omentum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DRS47Z	Replacement of Greater Omentum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRS4JZ	Replacement of Greater Omentum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRS4KZ	Replacement of Greater Omentum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRT07Z	Replacement of Lesser Omentum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DRT0JZ	Replacement of Lesser Omentum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DRT0KZ	Replacement of Lesser Omentum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DRT47Z	Replacement of Lesser Omentum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRT4JZ	Replacement of Lesser Omentum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRT4KZ	Replacement of Lesser Omentum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRU07Z	Replacement of Omentum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DRU0JZ	Replacement of Omentum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DRU0KZ	Replacement of Omentum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DRU47Z	Replacement of Omentum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRU4JZ	Replacement of Omentum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DRU4KZ	Replacement of Omentum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRV07Z	Replacement of Mesentery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DRV0JZ	Replacement of Mesentery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DRV0KZ	Replacement of Mesentery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DRV47Z	Replacement of Mesentery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRV4JZ	Replacement of Mesentery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRV4KZ	Replacement of Mesentery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRW07Z	Replacement of Peritoneum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DRW0JZ	Replacement of Peritoneum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DRW0KZ	Replacement of Peritoneum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DRW47Z	Replacement of Peritoneum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRW4JZ	Replacement of Peritoneum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DRW4KZ	Replacement of Peritoneum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DS50ZZ	Reposition Esophagus, Open Approach	Procedure	ICD-10-PCS
0DS54ZZ	Reposition Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DS57ZZ	Reposition Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DS58ZZ	Reposition Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DS60ZZ	Reposition Stomach, Open Approach	Procedure	ICD-10-PCS
0DS64ZZ	Reposition Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DS67ZZ	Reposition Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DS68ZZ	Reposition Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DS80ZZ	Reposition Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DS84ZZ	Reposition Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DS87ZZ	Reposition Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DS88ZZ	Reposition Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DS90ZZ	Reposition Duodenum, Open Approach	Procedure	ICD-10-PCS
0DS94ZZ	Reposition Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DS97ZZ	Reposition Duodenum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DS98ZZ	Reposition Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DSA0ZZ	Reposition Jejunum, Open Approach	Procedure	ICD-10-PCS
0DSA4ZZ	Reposition Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DSA7ZZ	Reposition Jejunum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DSA8ZZ	Reposition Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DSB0ZZ	Reposition Ileum, Open Approach	Procedure	ICD-10-PCS
0DSB4ZZ	Reposition Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DSB7ZZ	Reposition Ileum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DSB8ZZ	Reposition Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DSE0ZZ	Reposition Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DSE4ZZ	Reposition Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DSE7ZZ	Reposition Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DSE8ZZ	Reposition Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DSH0ZZ	Reposition Cecum, Open Approach	Procedure	ICD-10-PCS
0DSH4ZZ	Reposition Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DSH7ZZ	Reposition Cecum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DSH8ZZ	Reposition Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DSK0ZZ	Reposition Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0DSK4ZZ	Reposition Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DSK7ZZ	Reposition Ascending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DSK8ZZ	Reposition Ascending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DSL0ZZ	Reposition Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0DSL4ZZ	Reposition Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DSL7ZZ	Reposition Transverse Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DSL8ZZ	Reposition Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DSM0ZZ	Reposition Descending Colon, Open Approach	Procedure	ICD-10-PCS
0DSM4ZZ	Reposition Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DSM7ZZ	Reposition Descending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DSM8ZZ	Reposition Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DSN0ZZ	Reposition Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0DSN4ZZ	Reposition Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DSN7ZZ	Reposition Sigmoid Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DSN8ZZ	Reposition Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DSP0ZZ	Reposition Rectum, Open Approach	Procedure	ICD-10-PCS
0DSP4ZZ	Reposition Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DSP7ZZ	Reposition Rectum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DSP8ZZ	Reposition Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DSQ0ZZ	Reposition Anus, Open Approach	Procedure	ICD-10-PCS
0DSQ4ZZ	Reposition Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DSQ7ZZ	Reposition Anus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DSQ8ZZ	Reposition Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DT10ZZ	Resection of Upper Esophagus, Open Approach	Procedure	ICD-10-PCS
0DT14ZZ	Resection of Upper Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DT17ZZ	Resection of Upper Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DT18ZZ	Resection of Upper Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DT20ZZ	Resection of Middle Esophagus, Open Approach	Procedure	ICD-10-PCS
0DT24ZZ	Resection of Middle Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DT27ZZ	Resection of Middle Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DT28ZZ	Resection of Middle Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DT30ZZ	Resection of Lower Esophagus, Open Approach	Procedure	ICD-10-PCS
0DT34ZZ	Resection of Lower Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DT37ZZ	Resection of Lower Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DT38ZZ	Resection of Lower Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DT40ZZ	Resection of Esophagogastric Junction, Open Approach	Procedure	ICD-10-PCS
0DT44ZZ	Resection of Esophagogastric Junction, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DT47ZZ	Resection of Esophagogastric Junction, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DT48ZZ	Resection of Esophagogastric Junction, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DT50ZZ	Resection of Esophagus, Open Approach	Procedure	ICD-10-PCS
0DT54ZZ	Resection of Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DT57ZZ	Resection of Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DT58ZZ	Resection of Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DT60ZZ	Resection of Stomach, Open Approach	Procedure	ICD-10-PCS
0DT64ZZ	Resection of Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DT67ZZ	Resection of Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DT68ZZ	Resection of Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DT70ZZ	Resection of Stomach, Pylorus, Open Approach	Procedure	ICD-10-PCS
0DT74ZZ	Resection of Stomach, Pylorus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DT77ZZ	Resection of Stomach, Pylorus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DT78ZZ	Resection of Stomach, Pylorus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DT80ZZ	Resection of Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DT84ZZ	Resection of Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DT87ZZ	Resection of Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DT88ZZ	Resection of Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DT90ZZ	Resection of Duodenum, Open Approach	Procedure	ICD-10-PCS
0DT94ZZ	Resection of Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DT97ZZ	Resection of Duodenum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DT98ZZ	Resection of Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTA0ZZ	Resection of Jejunum, Open Approach	Procedure	ICD-10-PCS
0DTA4ZZ	Resection of Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTA7ZZ	Resection of Jejunum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTA8ZZ	Resection of Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTB0ZZ	Resection of Ileum, Open Approach	Procedure	ICD-10-PCS
0DTB4ZZ	Resection of Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTB7ZZ	Resection of Ileum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTB8ZZ	Resection of Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTC0ZZ	Resection of Ileocecal Valve, Open Approach	Procedure	ICD-10-PCS
0DTC4ZZ	Resection of Ileocecal Valve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTC7ZZ	Resection of Ileocecal Valve, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTC8ZZ	Resection of Ileocecal Valve, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTE0ZZ	Resection of Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DTE4ZZ	Resection of Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTE7ZZ	Resection of Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTE8ZZ	Resection of Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTF0ZZ	Resection of Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DTF4ZG	Resection of right large intestine, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DTF4ZZ	Resection of Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTF7ZZ	Resection of Right Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTF8ZZ	Resection of Right Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTG0ZZ	Resection of Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DTG4ZG	Resection of left large intestine, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DTG4ZZ	Resection of Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTG7ZZ	Resection of Left Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTG8ZZ	Resection of Left Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTGFZZ	Resection of Left Large Intestine, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0DTH0ZZ	Resection of Cecum, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DTH4ZZ	Resection of Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTH7ZZ	Resection of Cecum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTH8ZZ	Resection of Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTJ0ZZ	Resection of Appendix, Open Approach	Procedure	ICD-10-PCS
0DTJ4ZG	Resection of appendix, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DTJ4ZZ	Resection of Appendix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTJ7ZZ	Resection of Appendix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTJ8ZZ	Resection of Appendix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTK0ZZ	Resection of Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0DTK4ZZ	Resection of Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTK7ZZ	Resection of Ascending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTK8ZZ	Resection of Ascending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTL0ZZ	Resection of Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0DTL4ZG	Resection of transverse colon, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DTL4ZZ	Resection of Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTL7ZZ	Resection of Transverse Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTL8ZZ	Resection of Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTLFZZ	Resection of Transverse Colon, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0DTM0ZZ	Resection of Descending Colon, Open Approach	Procedure	ICD-10-PCS
0DTM4ZG	Resection of descending colon, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DTM4ZZ	Resection of Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTM7ZZ	Resection of Descending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTM8ZZ	Resection of Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTMFZZ	Resection of Descending Colon, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0DTN0ZZ	Resection of Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0DTN4ZG	Resection of sigmoid colon, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0DTN4ZZ	Resection of Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTN7ZZ	Resection of Sigmoid Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTN8ZZ	Resection of Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTNFZZ	Resection of Sigmoid Colon, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DTP0ZZ	Resection of Rectum, Open Approach	Procedure	ICD-10-PCS
0DTP4ZZ	Resection of Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTP7ZZ	Resection of Rectum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTP8ZZ	Resection of Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTQ0ZZ	Resection of Anus, Open Approach	Procedure	ICD-10-PCS
0DTQ4ZZ	Resection of Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTQ7ZZ	Resection of Anus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DTQ8ZZ	Resection of Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DTR0ZZ	Resection of Anal Sphincter, Open Approach	Procedure	ICD-10-PCS
0DTR4ZZ	Resection of Anal Sphincter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTS0ZZ	Resection of Greater Omentum, Open Approach	Procedure	ICD-10-PCS
0DTS4ZZ	Resection of Greater Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTT0ZZ	Resection of Lesser Omentum, Open Approach	Procedure	ICD-10-PCS
0DTT4ZZ	Resection of Lesser Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DTU0ZZ	Resection of Omentum, Open Approach	Procedure	ICD-10-PCS
0DTU4ZZ	Resection of Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU107Z	Supplement Upper Esophagus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU10JZ	Supplement Upper Esophagus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DU10KZ	Supplement Upper Esophagus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU147Z	Supplement Upper Esophagus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU14JZ	Supplement Upper Esophagus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU14KZ	Supplement Upper Esophagus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU177Z	Supplement Upper Esophagus with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU17JZ	Supplement Upper Esophagus with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU17KZ	Supplement Upper Esophagus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU187Z	Supplement Upper Esophagus with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU18JZ	Supplement Upper Esophagus with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU18KZ	Supplement Upper Esophagus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU207Z	Supplement Middle Esophagus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DU20JZ	Supplement Middle Esophagus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DU20KZ	Supplement Middle Esophagus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU247Z	Supplement Middle Esophagus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU24JZ	Supplement Middle Esophagus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU24KZ	Supplement Middle Esophagus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU277Z	Supplement Middle Esophagus with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU27JZ	Supplement Middle Esophagus with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU27KZ	Supplement Middle Esophagus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU287Z	Supplement Middle Esophagus with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU28JZ	Supplement Middle Esophagus with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU28KZ	Supplement Middle Esophagus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU307Z	Supplement Lower Esophagus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU30JZ	Supplement Lower Esophagus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DU30KZ	Supplement Lower Esophagus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU347Z	Supplement Lower Esophagus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU34JZ	Supplement Lower Esophagus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU34KZ	Supplement Lower Esophagus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU377Z	Supplement Lower Esophagus with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU37JZ	Supplement Lower Esophagus with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU37KZ	Supplement Lower Esophagus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU387Z	Supplement Lower Esophagus with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU38JZ	Supplement Lower Esophagus with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DU38KZ	Supplement Lower Esophagus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU407Z	Supplement Esophagogastric Junction with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU40JZ	Supplement Esophagogastric Junction with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DU40KZ	Supplement Esophagogastric Junction with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU447Z	Supplement Esophagogastric Junction with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU44JZ	Supplement Esophagogastric Junction with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU44KZ	Supplement Esophagogastric Junction with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU477Z	Supplement Esophagogastric Junction with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU47JZ	Supplement Esophagogastric Junction with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU47KZ	Supplement Esophagogastric Junction with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU487Z	Supplement Esophagogastric Junction with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU48JZ	Supplement Esophagogastric Junction with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU48KZ	Supplement Esophagogastric Junction with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU507Z	Supplement Esophagus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU50JZ	Supplement Esophagus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DU50KZ	Supplement Esophagus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU547Z	Supplement Esophagus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU54JZ	Supplement Esophagus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU54KZ	Supplement Esophagus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU577Z	Supplement Esophagus with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU57JZ	Supplement Esophagus with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU57KZ	Supplement Esophagus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0DU587Z	Supplement Esophagus with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU58JZ	Supplement Esophagus with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU58KZ	Supplement Esophagus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU607Z	Supplement Stomach with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU60JZ	Supplement Stomach with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DU60KZ	Supplement Stomach with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU647Z	Supplement Stomach with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU64JZ	Supplement Stomach with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU64KZ	Supplement Stomach with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU677Z	Supplement Stomach with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU67JZ	Supplement Stomach with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU67KZ	Supplement Stomach with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU687Z	Supplement Stomach with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU68JZ	Supplement Stomach with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU68KZ	Supplement Stomach with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU707Z	Supplement Stomach, Pylorus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU70JZ	Supplement Stomach, Pylorus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DU70KZ	Supplement Stomach, Pylorus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU747Z	Supplement Stomach, Pylorus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU74JZ	Supplement Stomach, Pylorus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU74KZ	Supplement Stomach, Pylorus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU777Z	Supplement Stomach, Pylorus with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DU77JZ	Supplement Stomach, Pylorus with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU77KZ	Supplement Stomach, Pylorus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU787Z	Supplement Stomach, Pylorus with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU78JZ	Supplement Stomach, Pylorus with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU78KZ	Supplement Stomach, Pylorus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU807Z	Supplement Small Intestine with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU80JZ	Supplement Small Intestine with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DU80KZ	Supplement Small Intestine with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU847Z	Supplement Small Intestine with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU84JZ	Supplement Small Intestine with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU84KZ	Supplement Small Intestine with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU877Z	Supplement Small Intestine with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU87JZ	Supplement Small Intestine with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU87KZ	Supplement Small Intestine with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU887Z	Supplement Small Intestine with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU88JZ	Supplement Small Intestine with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU88KZ	Supplement Small Intestine with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU907Z	Supplement Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU90JZ	Supplement Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DU90KZ	Supplement Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DU947Z	Supplement Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU94JZ	Supplement Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DU94KZ	Supplement Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DU977Z	Supplement Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU97JZ	Supplement Duodenum with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU97KZ	Supplement Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DU987Z	Supplement Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU98JZ	Supplement Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DU98KZ	Supplement Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUA07Z	Supplement Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUA0JZ	Supplement Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUA0KZ	Supplement Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUA47Z	Supplement Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUA4JZ	Supplement Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUA4KZ	Supplement Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUA77Z	Supplement Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUA7JZ	Supplement Jejunum with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUA7KZ	Supplement Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUA87Z	Supplement Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUA8JZ	Supplement Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUA8KZ	Supplement Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUB07Z	Supplement Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUB0JZ	Supplement Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUB0KZ	Supplement Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUB47Z	Supplement Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DUB4JZ	Supplement Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUB4KZ	Supplement Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUB77Z	Supplement Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUB7JZ	Supplement Ileum with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUB7KZ	Supplement Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUB87Z	Supplement Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUB8JZ	Supplement Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUB8KZ	Supplement Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUC07Z	Supplement Ileocecal Valve with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUC0JZ	Supplement Ileocecal Valve with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUC0KZ	Supplement Ileocecal Valve with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUC47Z	Supplement Ileocecal Valve with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUC4JZ	Supplement Ileocecal Valve with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUC4KZ	Supplement Ileocecal Valve with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUC77Z	Supplement Ileocecal Valve with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUC7JZ	Supplement Ileocecal Valve with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUC7KZ	Supplement Ileocecal Valve with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUC87Z	Supplement Ileocecal Valve with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUC8JZ	Supplement Ileocecal Valve with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUC8KZ	Supplement Ileocecal Valve with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUE07Z	Supplement Large Intestine with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUE0JZ	Supplement Large Intestine with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DUE0KZ	Supplement Large Intestine with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUE47Z	Supplement Large Intestine with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUE4JZ	Supplement Large Intestine with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUE4KZ	Supplement Large Intestine with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUE77Z	Supplement Large Intestine with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUE7JZ	Supplement Large Intestine with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUE7KZ	Supplement Large Intestine with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUE87Z	Supplement Large Intestine with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUE8JZ	Supplement Large Intestine with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUE8KZ	Supplement Large Intestine with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUF07Z	Supplement Right Large Intestine with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUF0JZ	Supplement Right Large Intestine with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUF0KZ	Supplement Right Large Intestine with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUF47Z	Supplement Right Large Intestine with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUF4JZ	Supplement Right Large Intestine with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUF4KZ	Supplement Right Large Intestine with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUF77Z	Supplement Right Large Intestine with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUF7JZ	Supplement Right Large Intestine with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUF7KZ	Supplement Right Large Intestine with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUF87Z	Supplement Right Large Intestine with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUF8JZ	Supplement Right Large Intestine with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUF8KZ	Supplement Right Large Intestine with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DUG07Z	Supplement Left Large Intestine with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUG0JZ	Supplement Left Large Intestine with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUG0KZ	Supplement Left Large Intestine with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUG47Z	Supplement Left Large Intestine with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUG4JZ	Supplement Left Large Intestine with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUG4KZ	Supplement Left Large Intestine with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUG77Z	Supplement Left Large Intestine with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUG7JZ	Supplement Left Large Intestine with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUG7KZ	Supplement Left Large Intestine with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUG87Z	Supplement Left Large Intestine with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUG8JZ	Supplement Left Large Intestine with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUG8KZ	Supplement Left Large Intestine with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUH07Z	Supplement Cecum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUH0JZ	Supplement Cecum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUH0KZ	Supplement Cecum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUH47Z	Supplement Cecum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUH4JZ	Supplement Cecum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUH4KZ	Supplement Cecum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUH77Z	Supplement Cecum with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUH7JZ	Supplement Cecum with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUH7KZ	Supplement Cecum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUH87Z	Supplement Cecum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DUH8JZ	Supplement Cecum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUH8KZ	Supplement Cecum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUK07Z	Supplement Ascending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUK0JZ	Supplement Ascending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUK0KZ	Supplement Ascending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUK47Z	Supplement Ascending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUK4JZ	Supplement Ascending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUK4KZ	Supplement Ascending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUK77Z	Supplement Ascending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUK7JZ	Supplement Ascending Colon with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUK7KZ	Supplement Ascending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUK87Z	Supplement Ascending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUK8JZ	Supplement Ascending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUK8KZ	Supplement Ascending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUL07Z	Supplement Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUL0JZ	Supplement Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUL0KZ	Supplement Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUL47Z	Supplement Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUL4JZ	Supplement Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUL4KZ	Supplement Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUL77Z	Supplement Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUL7JZ	Supplement Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DUL7KZ	Supplement Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUL87Z	Supplement Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUL8JZ	Supplement Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUL8KZ	Supplement Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUM07Z	Supplement Descending Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUM0JZ	Supplement Descending Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUM0KZ	Supplement Descending Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUM47Z	Supplement Descending Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUM4JZ	Supplement Descending Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUM4KZ	Supplement Descending Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUM77Z	Supplement Descending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUM7JZ	Supplement Descending Colon with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUM7KZ	Supplement Descending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUM87Z	Supplement Descending Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUM8JZ	Supplement Descending Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUM8KZ	Supplement Descending Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUN07Z	Supplement Sigmoid Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUN0JZ	Supplement Sigmoid Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUN0KZ	Supplement Sigmoid Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUN47Z	Supplement Sigmoid Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUN4JZ	Supplement Sigmoid Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUN4KZ	Supplement Sigmoid Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DUN77Z	Supplement Sigmoid Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUN7JZ	Supplement Sigmoid Colon with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUN7KZ	Supplement Sigmoid Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUN87Z	Supplement Sigmoid Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUN8JZ	Supplement Sigmoid Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUN8KZ	Supplement Sigmoid Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUP07Z	Supplement Rectum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUP0JZ	Supplement Rectum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUP0KZ	Supplement Rectum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUP47Z	Supplement Rectum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUP4JZ	Supplement Rectum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUP4KZ	Supplement Rectum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUP77Z	Supplement Rectum with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUP7JZ	Supplement Rectum with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUP7KZ	Supplement Rectum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUP87Z	Supplement Rectum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUP8JZ	Supplement Rectum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUP8KZ	Supplement Rectum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUQ07Z	Supplement Anus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUQ0JZ	Supplement Anus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUQ0KZ	Supplement Anus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUQ47Z	Supplement Anus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUQ4JZ	Supplement Anus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DUQ4KZ	Supplement Anus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUQ77Z	Supplement Anus with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUQ7JZ	Supplement Anus with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUQ7KZ	Supplement Anus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DUQ87Z	Supplement Anus with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUQ8JZ	Supplement Anus with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUQ8KZ	Supplement Anus with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DUQX7Z	Supplement Anus with Autologous Tissue Substitute, External Approach	Procedure	ICD-10-PCS
0DUQXJZ	Supplement Anus with Synthetic Substitute, External Approach	Procedure	ICD-10-PCS
0DUQXKZ	Supplement Anus with Nonautologous Tissue Substitute, External Approach	Procedure	ICD-10-PCS
0DUR07Z	Supplement Anal Sphincter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUR0JZ	Supplement Anal Sphincter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUR0KZ	Supplement Anal Sphincter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUR47Z	Supplement Anal Sphincter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUR4JZ	Supplement Anal Sphincter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUR4KZ	Supplement Anal Sphincter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUS07Z	Supplement Greater Omentum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUS0JZ	Supplement Greater Omentum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUS0KZ	Supplement Greater Omentum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUS47Z	Supplement Greater Omentum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUS4JZ	Supplement Greater Omentum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUS4KZ	Supplement Greater Omentum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0DUT07Z	Supplement Lesser Omentum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUT0JZ	Supplement Lesser Omentum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUT0KZ	Supplement Lesser Omentum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUT47Z	Supplement Lesser Omentum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUT4JZ	Supplement Lesser Omentum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUT4KZ	Supplement Lesser Omentum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUU07Z	Supplement Omentum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUU0JZ	Supplement Omentum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUU0KZ	Supplement Omentum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUU47Z	Supplement Omentum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUU4JZ	Supplement Omentum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUU4KZ	Supplement Omentum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUV07Z	Supplement Mesentery with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUV0JZ	Supplement Mesentery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUV0KZ	Supplement Mesentery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUV47Z	Supplement Mesentery with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUV4JZ	Supplement Mesentery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUV4KZ	Supplement Mesentery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUW07Z	Supplement Peritoneum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUW0JZ	Supplement Peritoneum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0DUW0KZ	Supplement Peritoneum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0DUW47Z	Supplement Peritoneum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DUW4JZ	Supplement Peritoneum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DUW4KZ	Supplement Peritoneum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV10CZ	Restriction of Upper Esophagus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV10DZ	Restriction of Upper Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV10ZZ	Restriction of Upper Esophagus, Open Approach	Procedure	ICD-10-PCS
0DV13CZ	Restriction of Upper Esophagus with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV13DZ	Restriction of Upper Esophagus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV13ZZ	Restriction of Upper Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DV14CZ	Restriction of Upper Esophagus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV14DZ	Restriction of Upper Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV14ZZ	Restriction of Upper Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV17DZ	Restriction of Upper Esophagus with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV17ZZ	Restriction of Upper Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV18DZ	Restriction of Upper Esophagus with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV18ZZ	Restriction of Upper Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV20CZ	Restriction of Middle Esophagus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV20DZ	Restriction of Middle Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV20ZZ	Restriction of Middle Esophagus, Open Approach	Procedure	ICD-10-PCS
0DV23CZ	Restriction of Middle Esophagus with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV23DZ	Restriction of Middle Esophagus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV23ZZ	Restriction of Middle Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DV24CZ	Restriction of Middle Esophagus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV24DZ	Restriction of Middle Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV24ZZ	Restriction of Middle Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV27DZ	Restriction of Middle Esophagus with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV27ZZ	Restriction of Middle Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DV28DZ	Restriction of Middle Esophagus with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV28ZZ	Restriction of Middle Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV30CZ	Restriction of Lower Esophagus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV30DZ	Restriction of Lower Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV30ZZ	Restriction of Lower Esophagus, Open Approach	Procedure	ICD-10-PCS
0DV33CZ	Restriction of Lower Esophagus with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV33DZ	Restriction of Lower Esophagus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV33ZZ	Restriction of Lower Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DV34CZ	Restriction of Lower Esophagus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV34DZ	Restriction of Lower Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV34ZZ	Restriction of Lower Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV37DZ	Restriction of Lower Esophagus with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV37ZZ	Restriction of Lower Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV38DZ	Restriction of Lower Esophagus with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV38ZZ	Restriction of Lower Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV40CZ	Restriction of Esophagogastric Junction with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV40DZ	Restriction of Esophagogastric Junction with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV40ZZ	Restriction of Esophagogastric Junction, Open Approach	Procedure	ICD-10-PCS
0DV43CZ	Restriction of Esophagogastric Junction with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV43DZ	Restriction of Esophagogastric Junction with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV43ZZ	Restriction of Esophagogastric Junction, Percutaneous Approach	Procedure	ICD-10-PCS
0DV44CZ	Restriction of Esophagogastric Junction with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV44DZ	Restriction of Esophagogastric Junction with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV44ZZ	Restriction of Esophagogastric Junction, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DV47DZ	Restriction of Esophagogastric Junction with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV47ZZ	Restriction of Esophagogastric Junction, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV48DZ	Restriction of Esophagogastric Junction with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV48ZZ	Restriction of Esophagogastric Junction, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV50CZ	Restriction of Esophagus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV50DZ	Restriction of Esophagus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV50ZZ	Restriction of Esophagus, Open Approach	Procedure	ICD-10-PCS
0DV53CZ	Restriction of Esophagus with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV53DZ	Restriction of Esophagus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV53ZZ	Restriction of Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DV54CZ	Restriction of Esophagus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV54DZ	Restriction of Esophagus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV54ZZ	Restriction of Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV57DZ	Restriction of Esophagus with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV57ZZ	Restriction of Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV58DZ	Restriction of Esophagus with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV58ZZ	Restriction of Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV60CZ	Restriction of Stomach with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV60DZ	Restriction of Stomach with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV60ZZ	Restriction of Stomach, Open Approach	Procedure	ICD-10-PCS
0DV63CZ	Restriction of Stomach with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV63DZ	Restriction of Stomach with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV63ZZ	Restriction of Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DV64CZ	Restriction of Stomach with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV64DZ	Restriction of Stomach with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV64ZZ	Restriction of Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV67ZZ	Restriction of Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV68ZZ	Restriction of Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DV70CZ	Restriction of Stomach, Pylorus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV70DZ	Restriction of Stomach, Pylorus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV70ZZ	Restriction of Stomach, Pylorus, Open Approach	Procedure	ICD-10-PCS
0DV73CZ	Restriction of Stomach, Pylorus with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV73DZ	Restriction of Stomach, Pylorus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV73ZZ	Restriction of Stomach, Pylorus, Percutaneous Approach	Procedure	ICD-10-PCS
0DV74CZ	Restriction of Stomach, Pylorus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV74DZ	Restriction of Stomach, Pylorus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV74ZZ	Restriction of Stomach, Pylorus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV77DZ	Restriction of Stomach, Pylorus with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV77ZZ	Restriction of Stomach, Pylorus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV78DZ	Restriction of Stomach, Pylorus with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV78ZZ	Restriction of Stomach, Pylorus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV80CZ	Restriction of Small Intestine with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV80DZ	Restriction of Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV80ZZ	Restriction of Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DV83CZ	Restriction of Small Intestine with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV83DZ	Restriction of Small Intestine with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV83ZZ	Restriction of Small Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DV84CZ	Restriction of Small Intestine with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV84DZ	Restriction of Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV84ZZ	Restriction of Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV87DZ	Restriction of Small Intestine with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV87ZZ	Restriction of Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV88DZ	Restriction of Small Intestine with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DV88ZZ	Restriction of Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV90CZ	Restriction of Duodenum with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV90DZ	Restriction of Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DV90ZZ	Restriction of Duodenum, Open Approach	Procedure	ICD-10-PCS
0DV93CZ	Restriction of Duodenum with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV93DZ	Restriction of Duodenum with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DV93ZZ	Restriction of Duodenum, Percutaneous Approach	Procedure	ICD-10-PCS
0DV94CZ	Restriction of Duodenum with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV94DZ	Restriction of Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV94ZZ	Restriction of Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV97DZ	Restriction of Duodenum with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV97ZZ	Restriction of Duodenum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DV98DZ	Restriction of Duodenum with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DV98ZZ	Restriction of Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVA0CZ	Restriction of Jejunum with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVA0DZ	Restriction of Jejunum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVA0ZZ	Restriction of Jejunum, Open Approach	Procedure	ICD-10-PCS
0DVA3CZ	Restriction of Jejunum with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVA3DZ	Restriction of Jejunum with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVA3ZZ	Restriction of Jejunum, Percutaneous Approach	Procedure	ICD-10-PCS
0DVA4CZ	Restriction of Jejunum with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVA4DZ	Restriction of Jejunum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVA4ZZ	Restriction of Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVA7DZ	Restriction of Jejunum with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVA7ZZ	Restriction of Jejunum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVA8DZ	Restriction of Jejunum with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVA8ZZ	Restriction of Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVB0CZ	Restriction of Ileum with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DVB0DZ	Restriction of Ileum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVB0ZZ	Restriction of Ileum, Open Approach	Procedure	ICD-10-PCS
0DVB3CZ	Restriction of Ileum with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVB3DZ	Restriction of Ileum with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVB3ZZ	Restriction of Ileum, Percutaneous Approach	Procedure	ICD-10-PCS
0DVB4CZ	Restriction of Ileum with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVB4DZ	Restriction of Ileum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVB4ZZ	Restriction of Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVB7DZ	Restriction of Ileum with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVB7ZZ	Restriction of Ileum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVB8DZ	Restriction of Ileum with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVB8ZZ	Restriction of Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVC0CZ	Restriction of Ileocecal Valve with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVC0DZ	Restriction of Ileocecal Valve with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVC0ZZ	Restriction of Ileocecal Valve, Open Approach	Procedure	ICD-10-PCS
0DVC3CZ	Restriction of Ileocecal Valve with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVC3DZ	Restriction of Ileocecal Valve with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVC3ZZ	Restriction of Ileocecal Valve, Percutaneous Approach	Procedure	ICD-10-PCS
0DVC4CZ	Restriction of Ileocecal Valve with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVC4DZ	Restriction of Ileocecal Valve with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVC4ZZ	Restriction of Ileocecal Valve, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVC7DZ	Restriction of Ileocecal Valve with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVC7ZZ	Restriction of Ileocecal Valve, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVC8DZ	Restriction of Ileocecal Valve with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVC8ZZ	Restriction of Ileocecal Valve, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVE0CZ	Restriction of Large Intestine with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVE0DZ	Restriction of Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DVE0ZZ	Restriction of Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DVE3CZ	Restriction of Large Intestine with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVE3DZ	Restriction of Large Intestine with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVE3ZZ	Restriction of Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DVE4CZ	Restriction of Large Intestine with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVE4DZ	Restriction of Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVE4ZZ	Restriction of Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVE7DZ	Restriction of Large Intestine with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVE7ZZ	Restriction of Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVE8DZ	Restriction of Large Intestine with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVE8ZZ	Restriction of Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVF0CZ	Restriction of Right Large Intestine with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVF0DZ	Restriction of Right Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVF0ZZ	Restriction of Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DVF3CZ	Restriction of Right Large Intestine with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVF3DZ	Restriction of Right Large Intestine with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVF3ZZ	Restriction of Right Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DVF4CZ	Restriction of Right Large Intestine with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVF4DZ	Restriction of Right Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVF4ZZ	Restriction of Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVF7DZ	Restriction of Right Large Intestine with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVF7ZZ	Restriction of Right Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVF8DZ	Restriction of Right Large Intestine with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVF8ZZ	Restriction of Right Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVG0CZ	Restriction of Left Large Intestine with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DVG0DZ	Restriction of Left Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVG0ZZ	Restriction of Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DVG3CZ	Restriction of Left Large Intestine with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVG3DZ	Restriction of Left Large Intestine with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVG3ZZ	Restriction of Left Large Intestine, Percutaneous Approach	Procedure	ICD-10-PCS
0DVG4CZ	Restriction of Left Large Intestine with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVG4DZ	Restriction of Left Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVG4ZZ	Restriction of Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVG7DZ	Restriction of Left Large Intestine with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVG7ZZ	Restriction of Left Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVG8DZ	Restriction of Left Large Intestine with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVG8ZZ	Restriction of Left Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVH0CZ	Restriction of Cecum with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVH0DZ	Restriction of Cecum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVH0ZZ	Restriction of Cecum, Open Approach	Procedure	ICD-10-PCS
0DVH3CZ	Restriction of Cecum with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVH3DZ	Restriction of Cecum with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVH3ZZ	Restriction of Cecum, Percutaneous Approach	Procedure	ICD-10-PCS
0DVH4CZ	Restriction of Cecum with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVH4DZ	Restriction of Cecum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVH4ZZ	Restriction of Cecum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVH7DZ	Restriction of Cecum with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVH7ZZ	Restriction of Cecum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVH8DZ	Restriction of Cecum with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVH8ZZ	Restriction of Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVK0CZ	Restriction of Ascending Colon with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVK0DZ	Restriction of Ascending Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DVK0ZZ	Restriction of Ascending Colon, Open Approach	Procedure	ICD-10-PCS
0DVK3CZ	Restriction of Ascending Colon with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVK3DZ	Restriction of Ascending Colon with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVK3ZZ	Restriction of Ascending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DVK4CZ	Restriction of Ascending Colon with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVK4DZ	Restriction of Ascending Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVK4ZZ	Restriction of Ascending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVK7DZ	Restriction of Ascending Colon with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVK7ZZ	Restriction of Ascending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVK8DZ	Restriction of Ascending Colon with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVK8ZZ	Restriction of Ascending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVL0CZ	Restriction of Transverse Colon with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVL0DZ	Restriction of Transverse Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVL0ZZ	Restriction of Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0DVL3CZ	Restriction of Transverse Colon with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVL3DZ	Restriction of Transverse Colon with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVL3ZZ	Restriction of Transverse Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DVL4CZ	Restriction of Transverse Colon with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVL4DZ	Restriction of Transverse Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVL4ZZ	Restriction of Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVL7DZ	Restriction of Transverse Colon with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVL7ZZ	Restriction of Transverse Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVL8DZ	Restriction of Transverse Colon with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVL8ZZ	Restriction of Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVM0CZ	Restriction of Descending Colon with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DVM0DZ	Restriction of Descending Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVM0ZZ	Restriction of Descending Colon, Open Approach	Procedure	ICD-10-PCS
0DVM3CZ	Restriction of Descending Colon with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVM3DZ	Restriction of Descending Colon with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVM3ZZ	Restriction of Descending Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DVM4CZ	Restriction of Descending Colon with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVM4DZ	Restriction of Descending Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVM4ZZ	Restriction of Descending Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVM7DZ	Restriction of Descending Colon with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVM7ZZ	Restriction of Descending Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVM8DZ	Restriction of Descending Colon with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVM8ZZ	Restriction of Descending Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVN0CZ	Restriction of Sigmoid Colon with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVN0DZ	Restriction of Sigmoid Colon with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVN0ZZ	Restriction of Sigmoid Colon, Open Approach	Procedure	ICD-10-PCS
0DVN3CZ	Restriction of Sigmoid Colon with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVN3DZ	Restriction of Sigmoid Colon with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVN3ZZ	Restriction of Sigmoid Colon, Percutaneous Approach	Procedure	ICD-10-PCS
0DVN4CZ	Restriction of Sigmoid Colon with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVN4DZ	Restriction of Sigmoid Colon with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVN4ZZ	Restriction of Sigmoid Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVN7DZ	Restriction of Sigmoid Colon with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVN7ZZ	Restriction of Sigmoid Colon, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVN8DZ	Restriction of Sigmoid Colon with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVN8ZZ	Restriction of Sigmoid Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVP0CZ	Restriction of Rectum with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DVP0DZ	Restriction of Rectum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVP0ZZ	Restriction of Rectum, Open Approach	Procedure	ICD-10-PCS
0DVP3CZ	Restriction of Rectum with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVP3DZ	Restriction of Rectum with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVP3ZZ	Restriction of Rectum, Percutaneous Approach	Procedure	ICD-10-PCS
0DVP4CZ	Restriction of Rectum with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVP4DZ	Restriction of Rectum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVP4ZZ	Restriction of Rectum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVP7DZ	Restriction of Rectum with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVP7ZZ	Restriction of Rectum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVP8DZ	Restriction of Rectum with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVP8ZZ	Restriction of Rectum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVQ0CZ	Restriction of Anus with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVQ0DZ	Restriction of Anus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0DVQ0ZZ	Restriction of Anus, Open Approach	Procedure	ICD-10-PCS
0DVQ3CZ	Restriction of Anus with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVQ3DZ	Restriction of Anus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0DVQ3ZZ	Restriction of Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0DVQ4CZ	Restriction of Anus with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVQ4DZ	Restriction of Anus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVQ4ZZ	Restriction of Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DVQ7DZ	Restriction of Anus with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVQ7ZZ	Restriction of Anus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DVQ8DZ	Restriction of Anus with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVQ8ZZ	Restriction of Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DVQXCZ	Restriction of Anus with Extraluminal Device, External Approach	Procedure	ICD-10-PCS
0DVQXDZ	Restriction of Anus with Intraluminal Device, External Approach	Procedure	ICD-10-PCS
0DVQXZZ	Restriction of Anus, External Approach	Procedure	ICD-10-PCS
0DW000Z	Revision of Drainage Device in Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DW002Z	Revision of Monitoring Device in Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DW003Z	Revision of Infusion Device in Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DW007Z	Revision of Autologous Tissue Substitute in Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DW00CZ	Revision of Extraluminal Device in Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DW00DZ	Revision of Intraluminal Device in Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DW00JZ	Revision of Synthetic Substitute in Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DW00KZ	Revision of Nonautologous Tissue Substitute in Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DW00UZ	Revision of Feeding Device in Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DW00YZ	Revision of Other Device in Upper Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DW030Z	Revision of Drainage Device in Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DW032Z	Revision of Monitoring Device in Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DW033Z	Revision of Infusion Device in Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DW037Z	Revision of Autologous Tissue Substitute in Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DW03CZ	Revision of Extraluminal Device in Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DW03DZ	Revision of Intraluminal Device in Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DW03JZ	Revision of Synthetic Substitute in Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DW03KZ	Revision of Nonautologous Tissue Substitute in Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DW03UZ	Revision of Feeding Device in Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DW03YZ	Revision of Other Device in Upper Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DW040Z	Revision of Drainage Device in Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW042Z	Revision of Monitoring Device in Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW043Z	Revision of Infusion Device in Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW047Z	Revision of Autologous Tissue Substitute in Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DW04CZ	Revision of Extraluminal Device in Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW04DZ	Revision of Intraluminal Device in Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW04JZ	Revision of Synthetic Substitute in Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW04KZ	Revision of Nonautologous Tissue Substitute in Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW04UZ	Revision of Feeding Device in Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW04YZ	Revision of Other Device in Upper Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW072Z	Revision of Monitoring Device in Upper Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW073Z	Revision of Infusion Device in Upper Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW077Z	Revision of Autologous Tissue Substitute in Upper Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW07CZ	Revision of Extraluminal Device in Upper Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW07DZ	Revision of Intraluminal Device in Upper Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW07JZ	Revision of Synthetic Substitute in Upper Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW07KZ	Revision of Nonautologous Tissue Substitute in Upper Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW082Z	Revision of Monitoring Device in Upper Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW083Z	Revision of Infusion Device in Upper Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW087Z	Revision of Autologous Tissue Substitute in Upper Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW08CZ	Revision of Extraluminal Device in Upper Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW08DZ	Revision of Intraluminal Device in Upper Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW08JZ	Revision of Synthetic Substitute in Upper Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW08KZ	Revision of Nonautologous Tissue Substitute in Upper Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW50YZ	Revision of Other Device in Esophagus, Open Approach	Procedure	ICD-10-PCS
0DW53YZ	Revision of Other Device in Esophagus, Percutaneous Approach	Procedure	ICD-10-PCS
0DW54YZ	Revision of Other Device in Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DW57DZ	Revision of Intraluminal Device in Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW58DZ	Revision of Intraluminal Device in Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW600Z	Revision of Drainage Device in Stomach, Open Approach	Procedure	ICD-10-PCS
0DW602Z	Revision of Monitoring Device in Stomach, Open Approach	Procedure	ICD-10-PCS
0DW603Z	Revision of Infusion Device in Stomach, Open Approach	Procedure	ICD-10-PCS
0DW607Z	Revision of Autologous Tissue Substitute in Stomach, Open Approach	Procedure	ICD-10-PCS
0DW60CZ	Revision of Extraluminal Device in Stomach, Open Approach	Procedure	ICD-10-PCS
0DW60DZ	Revision of Intraluminal Device in Stomach, Open Approach	Procedure	ICD-10-PCS
0DW60JZ	Revision of Synthetic Substitute in Stomach, Open Approach	Procedure	ICD-10-PCS
0DW60KZ	Revision of Nonautologous Tissue Substitute in Stomach, Open Approach	Procedure	ICD-10-PCS
0DW60MZ	Revision of Stimulator Lead in Stomach, Open Approach	Procedure	ICD-10-PCS
0DW60UZ	Revision of Feeding Device in Stomach, Open Approach	Procedure	ICD-10-PCS
0DW60YZ	Revision of Other Device in Stomach, Open Approach	Procedure	ICD-10-PCS
0DW630Z	Revision of Drainage Device in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DW632Z	Revision of Monitoring Device in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DW633Z	Revision of Infusion Device in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DW637Z	Revision of Autologous Tissue Substitute in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DW63CZ	Revision of Extraluminal Device in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DW63DZ	Revision of Intraluminal Device in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DW63JZ	Revision of Synthetic Substitute in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DW63KZ	Revision of Nonautologous Tissue Substitute in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DW63MZ	Revision of Stimulator Lead in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DW63UZ	Revision of Feeding Device in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DW63YZ	Revision of Other Device in Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DW640Z	Revision of Drainage Device in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW642Z	Revision of Monitoring Device in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW643Z	Revision of Infusion Device in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW647Z	Revision of Autologous Tissue Substitute in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW64CZ	Revision of Extraluminal Device in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DW64DZ	Revision of Intraluminal Device in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW64JZ	Revision of Synthetic Substitute in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW64KZ	Revision of Nonautologous Tissue Substitute in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW64MZ	Revision of Stimulator Lead in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW64UZ	Revision of Feeding Device in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW64YZ	Revision of Other Device in Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW672Z	Revision of Monitoring Device in Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW673Z	Revision of Infusion Device in Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW677Z	Revision of Autologous Tissue Substitute in Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW67CZ	Revision of Extraluminal Device in Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW67DZ	Revision of Intraluminal Device in Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW67JZ	Revision of Synthetic Substitute in Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW67KZ	Revision of Nonautologous Tissue Substitute in Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW67YZ	Revision of Other Device in Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW682Z	Revision of Monitoring Device in Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW683Z	Revision of Infusion Device in Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW687Z	Revision of Autologous Tissue Substitute in Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW68CZ	Revision of Extraluminal Device in Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW68DZ	Revision of Intraluminal Device in Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW68JZ	Revision of Synthetic Substitute in Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW68KZ	Revision of Nonautologous Tissue Substitute in Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW68YZ	Revision of Other Device in Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DW807Z	Revision of Autologous Tissue Substitute in Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DW80JZ	Revision of Synthetic Substitute in Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DW80KZ	Revision of Nonautologous Tissue Substitute in Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DW847Z	Revision of Autologous Tissue Substitute in Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW84JZ	Revision of Synthetic Substitute in Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW84KZ	Revision of Nonautologous Tissue Substitute in Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DW877Z	Revision of Autologous Tissue Substitute in Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW87JZ	Revision of Synthetic Substitute in Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW87KZ	Revision of Nonautologous Tissue Substitute in Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DW887Z	Revision of Autologous Tissue Substitute in Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW88JZ	Revision of Synthetic Substitute in Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DW88KZ	Revision of Nonautologous Tissue Substitute in Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DWD00Z	Revision of Drainage Device in Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DWD02Z	Revision of Monitoring Device in Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DWD03Z	Revision of Infusion Device in Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DWD07Z	Revision of Autologous Tissue Substitute in Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DWD0CZ	Revision of Extraluminal Device in Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DWD0DZ	Revision of Intraluminal Device in Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DWD0JZ	Revision of Synthetic Substitute in Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DWD0KZ	Revision of Nonautologous Tissue Substitute in Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DWD0UZ	Revision of Feeding Device in Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DWD0YZ	Revision of Other Device in Lower Intestinal Tract, Open Approach	Procedure	ICD-10-PCS
0DWD30Z	Revision of Drainage Device in Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DWD32Z	Revision of Monitoring Device in Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DWD33Z	Revision of Infusion Device in Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DWD37Z	Revision of Autologous Tissue Substitute in Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DWD3CZ	Revision of Extraluminal Device in Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DWD3DZ	Revision of Intraluminal Device in Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DWD3JZ	Revision of Synthetic Substitute in Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DWD3KZ	Revision of Nonautologous Tissue Substitute in Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DWD3UZ	Revision of Feeding Device in Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DWD3YZ	Revision of Other Device in Lower Intestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0DWD40Z	Revision of Drainage Device in Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWD42Z	Revision of Monitoring Device in Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWD43Z	Revision of Infusion Device in Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWD47Z	Revision of Autologous Tissue Substitute in Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWD4CZ	Revision of Extraluminal Device in Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWD4DZ	Revision of Intraluminal Device in Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWD4JZ	Revision of Synthetic Substitute in Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWD4KZ	Revision of Nonautologous Tissue Substitute in Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWD4UZ	Revision of Feeding Device in Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWD4YZ	Revision of Other Device in Lower Intestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWD72Z	Revision of Monitoring Device in Lower Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DWD73Z	Revision of Infusion Device in Lower Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DWD77Z	Revision of Autologous Tissue Substitute in Lower Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DWD7CZ	Revision of Extraluminal Device in Lower Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DWD7DZ	Revision of Intraluminal Device in Lower Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DWD7JZ	Revision of Synthetic Substitute in Lower Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DWD7KZ	Revision of Nonautologous Tissue Substitute in Lower Intestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DWD82Z	Revision of Monitoring Device in Lower Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DWD83Z	Revision of Infusion Device in Lower Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DWD87Z	Revision of Autologous Tissue Substitute in Lower Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DWD8CZ	Revision of Extraluminal Device in Lower Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DWD8DZ	Revision of Intraluminal Device in Lower Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DWD8JZ	Revision of Synthetic Substitute in Lower Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DWD8KZ	Revision of Nonautologous Tissue Substitute in Lower Intestinal Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DWE07Z	Revision of Autologous Tissue Substitute in Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DWE0JZ	Revision of Synthetic Substitute in Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DWE0KZ	Revision of Nonautologous Tissue Substitute in Large Intestine, Open Approach	Procedure	ICD-10-PCS
0DWE47Z	Revision of Autologous Tissue Substitute in Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWE4JZ	Revision of Synthetic Substitute in Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWE4KZ	Revision of Nonautologous Tissue Substitute in Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWE77Z	Revision of Autologous Tissue Substitute in Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DWE7JZ	Revision of Synthetic Substitute in Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DWE7KZ	Revision of Nonautologous Tissue Substitute in Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DWE87Z	Revision of Autologous Tissue Substitute in Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DWE8JZ	Revision of Synthetic Substitute in Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DWE8KZ	Revision of Nonautologous Tissue Substitute in Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DWQ0LZ	Revision of Artificial Sphincter in Anus, Open Approach	Procedure	ICD-10-PCS
0DWQ3LZ	Revision of Artificial Sphincter in Anus, Percutaneous Approach	Procedure	ICD-10-PCS
0DWQ4LZ	Revision of Artificial Sphincter in Anus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWQ7LZ	Revision of Artificial Sphincter in Anus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DWQ8LZ	Revision of Artificial Sphincter in Anus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DWR0MZ	Revision of Stimulator Lead in Anal Sphincter, Open Approach	Procedure	ICD-10-PCS
0DWR3MZ	Revision of Stimulator Lead in Anal Sphincter, Percutaneous Approach	Procedure	ICD-10-PCS
0DWR4MZ	Revision of Stimulator Lead in Anal Sphincter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWU00Z	Revision of Drainage Device in Omentum, Open Approach	Procedure	ICD-10-PCS
0DWU07Z	Revision of Autologous Tissue Substitute in Omentum, Open Approach	Procedure	ICD-10-PCS
0DWU0JZ	Revision of Synthetic Substitute in Omentum, Open Approach	Procedure	ICD-10-PCS
0DWU0KZ	Revision of Nonautologous Tissue Substitute in Omentum, Open Approach	Procedure	ICD-10-PCS
0DWU37Z	Revision of Autologous Tissue Substitute in Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DWU3JZ	Revision of Synthetic Substitute in Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DWU3KZ	Revision of Nonautologous Tissue Substitute in Omentum, Percutaneous Approach	Procedure	ICD-10-PCS
0DWU40Z	Revision of Drainage Device in Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWU47Z	Revision of Autologous Tissue Substitute in Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWU4JZ	Revision of Synthetic Substitute in Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWU4KZ	Revision of Nonautologous Tissue Substitute in Omentum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWV00Z	Revision of Drainage Device in Mesentery, Open Approach	Procedure	ICD-10-PCS
0DWV07Z	Revision of Autologous Tissue Substitute in Mesentery, Open Approach	Procedure	ICD-10-PCS
0DWV0JZ	Revision of Synthetic Substitute in Mesentery, Open Approach	Procedure	ICD-10-PCS
0DWV0KZ	Revision of Nonautologous Tissue Substitute in Mesentery, Open Approach	Procedure	ICD-10-PCS
0DWV37Z	Revision of Autologous Tissue Substitute in Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DWV3JZ	Revision of Synthetic Substitute in Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS
0DWV3KZ	Revision of Nonautologous Tissue Substitute in Mesentery, Percutaneous Approach	Procedure	ICD-10-PCS
0DWV40Z	Revision of Drainage Device in Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWV47Z	Revision of Autologous Tissue Substitute in Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWV4JZ	Revision of Synthetic Substitute in Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWV4KZ	Revision of Nonautologous Tissue Substitute in Mesentery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWW00Z	Revision of Drainage Device in Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DWW07Z	Revision of Autologous Tissue Substitute in Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DWW0JZ	Revision of Synthetic Substitute in Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DWW0KZ	Revision of Nonautologous Tissue Substitute in Peritoneum, Open Approach	Procedure	ICD-10-PCS
0DWW37Z	Revision of Autologous Tissue Substitute in Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0DWW3JZ	Revision of Synthetic Substitute in Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0DWW3KZ	Revision of Nonautologous Tissue Substitute in Peritoneum, Percutaneous Approach	Procedure	ICD-10-PCS
0DWW40Z	Revision of Drainage Device in Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWW47Z	Revision of Autologous Tissue Substitute in Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWW4JZ	Revision of Synthetic Substitute in Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DWW4KZ	Revision of Nonautologous Tissue Substitute in Peritoneum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DX60Z5	Transfer Stomach to Esophagus, Open Approach	Procedure	ICD-10-PCS
0DX64Z5	Transfer Stomach to Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DX80Z5	Transfer Small Intestine to Esophagus, Open Approach	Procedure	ICD-10-PCS
0DX80ZB	Transfer Small Intestine to Bladder, Open Approach	Procedure	ICD-10-PCS
0DX80ZC	Transfer Small Intestine to Right Ureter, Open Approach	Procedure	ICD-10-PCS
0DX80ZD	Transfer Small Intestine to Left Ureter, Open Approach	Procedure	ICD-10-PCS
0DX80ZF	Transfer Small Intestine to Bilateral Ureters, Open Approach	Procedure	ICD-10-PCS
0DX84Z5	Transfer Small Intestine to Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DX84ZB	Transfer Small Intestine to Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0DX84ZC	Transfer Small Intestine to Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DX84ZD	Transfer Small Intestine to Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DX84ZF	Transfer Small Intestine to Bilateral Ureters, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DXE0Z5	Transfer Large Intestine to Esophagus, Open Approach	Procedure	ICD-10-PCS
0DXE0Z7	Transfer Large Intestine to Vagina, Open Approach	Procedure	ICD-10-PCS
0DXE0ZB	Transfer Large Intestine to Bladder, Open Approach	Procedure	ICD-10-PCS
0DXE4Z5	Transfer Large Intestine to Esophagus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DXE4Z7	Transfer Large Intestine to Vagina, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DXE4ZB	Transfer Large Intestine to Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DXU0ZV	Transfer omentum to thoracic region, open approach	Procedure	ICD-10-PCS
0DXU0ZW	Transfer omentum to abdominal region, open approach	Procedure	ICD-10-PCS
0DXU0ZX	Transfer omentum to pelvic region, open approach	Procedure	ICD-10-PCS
0DXU0ZY	Transfer omentum to inguinal region, open approach	Procedure	ICD-10-PCS
0DXU4ZV	Transfer omentum to thoracic region, percutaneous endoscopic approach	Procedure	ICD-10-PCS
0DXU4ZW	Transfer omentum to abdominal region, percutaneous endoscopic approach	Procedure	ICD-10-PCS
0DXU4ZX	Transfer omentum to pelvic region, percutaneous endoscopic approach	Procedure	ICD-10-PCS
0DXU4ZY	Transfer omentum to inguinal region, percutaneous endoscopic approach	Procedure	ICD-10-PCS
0DY60Z0	Transplantation of Stomach, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0DY60Z1	Transplantation of Stomach, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0DY60Z2	Transplantation of Stomach, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0DY80Z0	Transplantation of Small Intestine, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0DY80Z1	Transplantation of Small Intestine, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0DY80Z2	Transplantation of Small Intestine, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0DYE0Z0	Transplantation of Large Intestine, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0DYE0Z1	Transplantation of Large Intestine, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0DYE0Z2	Transplantation of Large Intestine, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0F140D3	Bypass Gallbladder to Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F140D4	Bypass Gallbladder to Stomach with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F140D5	Bypass Gallbladder to Right Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F140D6	Bypass Gallbladder to Left Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0F140D7	Bypass Gallbladder to Caudate Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F140D8	Bypass Gallbladder to Cystic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F140D9	Bypass Gallbladder to Common Bile Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F140DB	Bypass Gallbladder to Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F140Z3	Bypass Gallbladder to Duodenum, Open Approach	Procedure	ICD-10-PCS
0F140Z4	Bypass Gallbladder to Stomach, Open Approach	Procedure	ICD-10-PCS
0F140Z5	Bypass Gallbladder to Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F140Z6	Bypass Gallbladder to Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F140Z7	Bypass Gallbladder to Caudate Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F140Z8	Bypass Gallbladder to Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0F140Z9	Bypass Gallbladder to Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0F140ZB	Bypass Gallbladder to Small Intestine, Open Approach	Procedure	ICD-10-PCS
0F144D3	Bypass Gallbladder to Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144D4	Bypass Gallbladder to Stomach with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144D5	Bypass Gallbladder to Right Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144D6	Bypass Gallbladder to Left Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144D7	Bypass Gallbladder to Caudate Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144D8	Bypass Gallbladder to Cystic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144D9	Bypass Gallbladder to Common Bile Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144DB	Bypass Gallbladder to Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144Z3	Bypass Gallbladder to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144Z4	Bypass Gallbladder to Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144Z5	Bypass Gallbladder to Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144Z6	Bypass Gallbladder to Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144Z7	Bypass Gallbladder to Caudate Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144Z8	Bypass Gallbladder to Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0F144Z9	Bypass Gallbladder to Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F144ZB	Bypass Gallbladder to Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F150D3	Bypass Right Hepatic Duct to Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F150D4	Bypass Right Hepatic Duct to Stomach with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F150D5	Bypass Right Hepatic Duct to Right Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F150D6	Bypass Right Hepatic Duct to Left Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F150D7	Bypass Right Hepatic Duct to Caudate Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F150D8	Bypass Right Hepatic Duct to Cystic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F150D9	Bypass Right Hepatic Duct to Common Bile Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F150DB	Bypass Right Hepatic Duct to Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F150Z3	Bypass Right Hepatic Duct to Duodenum, Open Approach	Procedure	ICD-10-PCS
0F150Z4	Bypass Right Hepatic Duct to Stomach, Open Approach	Procedure	ICD-10-PCS
0F150Z5	Bypass Right Hepatic Duct to Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F150Z6	Bypass Right Hepatic Duct to Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F150Z7	Bypass Right Hepatic Duct to Caudate Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F150Z8	Bypass Right Hepatic Duct to Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0F150Z9	Bypass Right Hepatic Duct to Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0F150ZB	Bypass Right Hepatic Duct to Small Intestine, Open Approach	Procedure	ICD-10-PCS
0F154D3	Bypass Right Hepatic Duct to Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154D4	Bypass Right Hepatic Duct to Stomach with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154D5	Bypass Right Hepatic Duct to Right Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154D6	Bypass Right Hepatic Duct to Left Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154D7	Bypass Right Hepatic Duct to Caudate Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154D8	Bypass Right Hepatic Duct to Cystic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154D9	Bypass Right Hepatic Duct to Common Bile Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F154DB	Bypass Right Hepatic Duct to Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154Z3	Bypass Right Hepatic Duct to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154Z4	Bypass Right Hepatic Duct to Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154Z5	Bypass Right Hepatic Duct to Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154Z6	Bypass Right Hepatic Duct to Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154Z7	Bypass Right Hepatic Duct to Caudate Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154Z8	Bypass Right Hepatic Duct to Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154Z9	Bypass Right Hepatic Duct to Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F154ZB	Bypass Right Hepatic Duct to Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F160D3	Bypass Left Hepatic Duct to Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F160D4	Bypass Left Hepatic Duct to Stomach with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F160D5	Bypass Left Hepatic Duct to Right Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F160D6	Bypass Left Hepatic Duct to Left Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F160D7	Bypass Left Hepatic Duct to Caudate Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F160D8	Bypass Left Hepatic Duct to Cystic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F160D9	Bypass Left Hepatic Duct to Common Bile Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F160DB	Bypass Left Hepatic Duct to Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F160Z3	Bypass Left Hepatic Duct to Duodenum, Open Approach	Procedure	ICD-10-PCS
0F160Z4	Bypass Left Hepatic Duct to Stomach, Open Approach	Procedure	ICD-10-PCS
0F160Z5	Bypass Left Hepatic Duct to Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F160Z6	Bypass Left Hepatic Duct to Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F160Z7	Bypass Left Hepatic Duct to Caudate Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F160Z8	Bypass Left Hepatic Duct to Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0F160Z9	Bypass Left Hepatic Duct to Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0F160ZB	Bypass Left Hepatic Duct to Small Intestine, Open Approach	Procedure	ICD-10-PCS
0F164D3	Bypass Left Hepatic Duct to Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F164D4	Bypass Left Hepatic Duct to Stomach with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164D5	Bypass Left Hepatic Duct to Right Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164D6	Bypass Left Hepatic Duct to Left Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164D7	Bypass Left Hepatic Duct to Caudate Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164D8	Bypass Left Hepatic Duct to Cystic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164D9	Bypass Left Hepatic Duct to Common Bile Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164DB	Bypass Left Hepatic Duct to Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164Z3	Bypass Left Hepatic Duct to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164Z4	Bypass Left Hepatic Duct to Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164Z5	Bypass Left Hepatic Duct to Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164Z6	Bypass Left Hepatic Duct to Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164Z7	Bypass Left Hepatic Duct to Caudate Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164Z8	Bypass Left Hepatic Duct to Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164Z9	Bypass Left Hepatic Duct to Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F164ZB	Bypass Left Hepatic Duct to Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F170D3	Bypass Common Hepatic Duct to Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F170D4	Bypass Common Hepatic Duct to Stomach with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F170D5	Bypass Common Hepatic Duct to Right Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F170D6	Bypass Common Hepatic Duct to Left Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F170D7	Bypass Common Hepatic Duct to Caudate Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F170D8	Bypass Common Hepatic Duct to Cystic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F170D9	Bypass Common Hepatic Duct to Common Bile Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F170DB	Bypass Common Hepatic Duct to Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F170Z3	Bypass Common Hepatic Duct to Duodenum, Open Approach	Procedure	ICD-10-PCS
0F170Z4	Bypass Common Hepatic Duct to Stomach, Open Approach	Procedure	ICD-10-PCS
0F170Z5	Bypass Common Hepatic Duct to Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F170Z6	Bypass Common Hepatic Duct to Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F170Z7	Bypass Common Hepatic Duct to Caudate Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F170Z8	Bypass Common Hepatic Duct to Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0F170Z9	Bypass Common Hepatic Duct to Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0F170ZB	Bypass Common Hepatic Duct to Small Intestine, Open Approach	Procedure	ICD-10-PCS
0F174D3	Bypass Common Hepatic Duct to Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174D4	Bypass Common Hepatic Duct to Stomach with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174D5	Bypass Common Hepatic Duct to Right Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174D6	Bypass Common Hepatic Duct to Left Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174D7	Bypass Common Hepatic Duct to Caudate Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174D8	Bypass Common Hepatic Duct to Cystic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174D9	Bypass Common Hepatic Duct to Common Bile Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174DB	Bypass Common Hepatic Duct to Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174Z3	Bypass Common Hepatic Duct to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174Z4	Bypass Common Hepatic Duct to Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174Z5	Bypass Common Hepatic Duct to Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174Z6	Bypass Common Hepatic Duct to Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174Z7	Bypass Common Hepatic Duct to Caudate Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174Z8	Bypass Common Hepatic Duct to Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F174Z9	Bypass Common Hepatic Duct to Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F174ZB	Bypass Common Hepatic Duct to Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F180D3	Bypass Cystic Duct to Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F180D4	Bypass Cystic Duct to Stomach with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F180D5	Bypass Cystic Duct to Right Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F180D6	Bypass Cystic Duct to Left Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F180D7	Bypass Cystic Duct to Caudate Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F180D8	Bypass Cystic Duct to Cystic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F180D9	Bypass Cystic Duct to Common Bile Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F180DB	Bypass Cystic Duct to Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F180Z3	Bypass Cystic Duct to Duodenum, Open Approach	Procedure	ICD-10-PCS
0F180Z4	Bypass Cystic Duct to Stomach, Open Approach	Procedure	ICD-10-PCS
0F180Z5	Bypass Cystic Duct to Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F180Z6	Bypass Cystic Duct to Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F180Z7	Bypass Cystic Duct to Caudate Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F180Z8	Bypass Cystic Duct to Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0F180Z9	Bypass Cystic Duct to Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0F180ZB	Bypass Cystic Duct to Small Intestine, Open Approach	Procedure	ICD-10-PCS
0F184D3	Bypass Cystic Duct to Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184D4	Bypass Cystic Duct to Stomach with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184D5	Bypass Cystic Duct to Right Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184D6	Bypass Cystic Duct to Left Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184D7	Bypass Cystic Duct to Caudate Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184D8	Bypass Cystic Duct to Cystic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184D9	Bypass Cystic Duct to Common Bile Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184DB	Bypass Cystic Duct to Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184Z3	Bypass Cystic Duct to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F184Z4	Bypass Cystic Duct to Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184Z5	Bypass Cystic Duct to Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184Z6	Bypass Cystic Duct to Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184Z7	Bypass Cystic Duct to Caudate Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184Z8	Bypass Cystic Duct to Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184Z9	Bypass Cystic Duct to Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F184ZB	Bypass Cystic Duct to Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F190D3	Bypass Common Bile Duct to Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F190D4	Bypass Common Bile Duct to Stomach with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F190D5	Bypass Common Bile Duct to Right Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F190D6	Bypass Common Bile Duct to Left Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F190D7	Bypass Common Bile Duct to Caudate Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F190D8	Bypass Common Bile Duct to Cystic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F190D9	Bypass Common Bile Duct to Common Bile Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F190DB	Bypass Common Bile Duct to Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F190Z3	Bypass Common Bile Duct to Duodenum, Open Approach	Procedure	ICD-10-PCS
0F190Z4	Bypass Common Bile Duct to Stomach, Open Approach	Procedure	ICD-10-PCS
0F190Z5	Bypass Common Bile Duct to Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F190Z6	Bypass Common Bile Duct to Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F190Z7	Bypass Common Bile Duct to Caudate Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F190Z8	Bypass Common Bile Duct to Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0F190Z9	Bypass Common Bile Duct to Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0F190ZB	Bypass Common Bile Duct to Small Intestine, Open Approach	Procedure	ICD-10-PCS
0F194D3	Bypass Common Bile Duct to Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194D4	Bypass Common Bile Duct to Stomach with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F194D5	Bypass Common Bile Duct to Right Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194D6	Bypass Common Bile Duct to Left Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194D7	Bypass Common Bile Duct to Caudate Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194D8	Bypass Common Bile Duct to Cystic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194D9	Bypass Common Bile Duct to Common Bile Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194DB	Bypass Common Bile Duct to Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194Z3	Bypass Common Bile Duct to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194Z4	Bypass Common Bile Duct to Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194Z5	Bypass Common Bile Duct to Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194Z6	Bypass Common Bile Duct to Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194Z7	Bypass Common Bile Duct to Caudate Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194Z8	Bypass Common Bile Duct to Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194Z9	Bypass Common Bile Duct to Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F194ZB	Bypass Common Bile Duct to Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1D0D3	Bypass Pancreatic Duct to Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F1D0D4	Bypass Pancreatic Duct to Stomach with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F1D0DB	Bypass Pancreatic Duct to Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F1D0DC	Bypass Pancreatic Duct to Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F1D0Z3	Bypass Pancreatic Duct to Duodenum, Open Approach	Procedure	ICD-10-PCS
0F1D0Z4	Bypass Pancreatic Duct to Stomach, Open Approach	Procedure	ICD-10-PCS
0F1D0ZB	Bypass Pancreatic Duct to Small Intestine, Open Approach	Procedure	ICD-10-PCS
0F1D0ZC	Bypass Pancreatic Duct to Large Intestine, Open Approach	Procedure	ICD-10-PCS
0F1D4D3	Bypass Pancreatic Duct to Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1D4D4	Bypass Pancreatic Duct to Stomach with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F1D4DB	Bypass Pancreatic Duct to Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1D4DC	Bypass Pancreatic Duct to Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1D4Z3	Bypass Pancreatic Duct to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1D4Z4	Bypass Pancreatic Duct to Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1D4ZB	Bypass Pancreatic Duct to Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1D4ZC	Bypass Pancreatic Duct to Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1F0D3	Bypass Accessory Pancreatic Duct to Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F1F0DB	Bypass Accessory Pancreatic Duct to Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F1F0DC	Bypass Accessory Pancreatic Duct to Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F1F0Z3	Bypass Accessory Pancreatic Duct to Duodenum, Open Approach	Procedure	ICD-10-PCS
0F1F0ZB	Bypass Accessory Pancreatic Duct to Small Intestine, Open Approach	Procedure	ICD-10-PCS
0F1F0ZC	Bypass Accessory Pancreatic Duct to Large Intestine, Open Approach	Procedure	ICD-10-PCS
0F1F4D3	Bypass Accessory Pancreatic Duct to Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1F4DB	Bypass Accessory Pancreatic Duct to Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1F4DC	Bypass Accessory Pancreatic Duct to Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1F4Z3	Bypass Accessory Pancreatic Duct to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1F4ZB	Bypass Accessory Pancreatic Duct to Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1F4ZC	Bypass Accessory Pancreatic Duct to Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1G0D3	Bypass Pancreas to Duodenum with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F1G0DB	Bypass Pancreas to Small Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F1G0DC	Bypass Pancreas to Large Intestine with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F1G0Z3	Bypass Pancreas to Duodenum, Open Approach	Procedure	ICD-10-PCS
0F1G0ZB	Bypass Pancreas to Small Intestine, Open Approach	Procedure	ICD-10-PCS
0F1G0ZC	Bypass Pancreas to Large Intestine, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F1G4D3	Bypass Pancreas to Duodenum with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1G4DB	Bypass Pancreas to Small Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1G4DC	Bypass Pancreas to Large Intestine with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1G4Z3	Bypass Pancreas to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1G4ZB	Bypass Pancreas to Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F1G4ZC	Bypass Pancreas to Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F500Z3	Destruction of Liver using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F500ZF	Destruction of Liver using Irreversible Electroporation, Open Approach	Procedure	ICD-10-PCS
0F500ZZ	Destruction of Liver, Open Approach	Procedure	ICD-10-PCS
0F503Z3	Destruction of Liver using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F503ZF	Destruction of Liver using Irreversible Electroporation, Percutaneous Approach	Procedure	ICD-10-PCS
0F503ZZ	Destruction of Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0F504Z3	Destruction of Liver using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F504ZF	Destruction of Liver using Irreversible Electroporation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F504ZZ	Destruction of Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F510Z3	Destruction of Right Lobe Liver using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F510ZF	Destruction of Right Lobe Liver using Irreversible Electroporation, Open Approach	Procedure	ICD-10-PCS
0F510ZZ	Destruction of Right Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0F513Z3	Destruction of Right Lobe Liver using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F513ZF	Destruction of Right Lobe Liver using Irreversible Electroporation, Percutaneous Approach	Procedure	ICD-10-PCS
0F513ZZ	Destruction of Right Lobe Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0F514Z3	Destruction of Right Lobe Liver using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F514ZF	Destruction of Right Lobe Liver using Irreversible Electroporation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F514ZZ	Destruction of Right Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F520Z3	Destruction of Left Lobe Liver using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F520ZF	Destruction of Left Lobe Liver using Irreversible Electroporation, Open Approach	Procedure	ICD-10-PCS
0F520ZZ	Destruction of Left Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0F523Z3	Destruction of Left Lobe Liver using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F523ZF	Destruction of Left Lobe Liver using Irreversible Electroporation, Percutaneous Approach	Procedure	ICD-10-PCS
0F523ZZ	Destruction of Left Lobe Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0F524Z3	Destruction of Left Lobe Liver using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F524ZF	Destruction of Left Lobe Liver using Irreversible Electroporation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F524ZZ	Destruction of Left Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F540Z3	Destruction of Gallbladder using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F540ZZ	Destruction of Gallbladder, Open Approach	Procedure	ICD-10-PCS
0F543Z3	Destruction of Gallbladder using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F543ZZ	Destruction of Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0F544Z3	Destruction of Gallbladder using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F544ZZ	Destruction of Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F548ZZ	Destruction of Gallbladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0F550Z3	Destruction of Right Hepatic Duct using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F550ZZ	Destruction of Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F553Z3	Destruction of Right Hepatic Duct using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F553ZZ	Destruction of Right Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0F554Z3	Destruction of Right Hepatic Duct using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F554ZZ	Destruction of Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F557ZZ	Destruction of Right Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F560Z3	Destruction of Left Hepatic Duct using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F560ZZ	Destruction of Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F563Z3	Destruction of Left Hepatic Duct using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F563ZZ	Destruction of Left Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F564Z3	Destruction of Left Hepatic Duct using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F564ZZ	Destruction of Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F567ZZ	Destruction of Left Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F570Z3	Destruction of Common Hepatic Duct using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F570ZZ	Destruction of Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F573Z3	Destruction of Common Hepatic Duct using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F573ZZ	Destruction of Common Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0F574Z3	Destruction of Common Hepatic Duct using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F574ZZ	Destruction of Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F577ZZ	Destruction of Common Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F580Z3	Destruction of Cystic Duct using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F580ZZ	Destruction of Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0F583Z3	Destruction of Cystic Duct using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F583ZZ	Destruction of Cystic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0F584Z3	Destruction of Cystic Duct using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F584ZZ	Destruction of Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F587ZZ	Destruction of Cystic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F590Z3	Destruction of Common Bile Duct using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F590ZZ	Destruction of Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0F593Z3	Destruction of Common Bile Duct using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F593ZZ	Destruction of Common Bile Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0F594Z3	Destruction of Common Bile Duct using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F594ZZ	Destruction of Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F597ZZ	Destruction of Common Bile Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F5C0Z3	Destruction of Ampulla of Vater using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F5C0ZZ	Destruction of Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0F5C3Z3	Destruction of Ampulla of Vater using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F5C3ZZ	Destruction of Ampulla of Vater, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F5C4Z3	Destruction of Ampulla of Vater using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F5C4ZZ	Destruction of Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F5C7ZZ	Destruction of Ampulla of Vater, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F5D0Z3	Destruction of Pancreatic Duct using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F5D0ZZ	Destruction of Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0F5D3Z3	Destruction of Pancreatic Duct using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F5D3ZZ	Destruction of Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0F5D4Z3	Destruction of Pancreatic Duct using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F5D4ZZ	Destruction of Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F5D7ZZ	Destruction of Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F5F0Z3	Destruction of Accessory Pancreatic Duct using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F5F0ZZ	Destruction of Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0F5F3Z3	Destruction of Accessory Pancreatic Duct using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F5F3ZZ	Destruction of Accessory Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0F5F4Z3	Destruction of Accessory Pancreatic Duct using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F5F4ZZ	Destruction of Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F5F7ZZ	Destruction of Accessory Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F5G0Z3	Destruction of Pancreas using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0F5G0ZF	Destruction of Pancreas using Irreversible Electroporation, Open Approach	Procedure	ICD-10-PCS
0F5G0ZZ	Destruction of Pancreas, Open Approach	Procedure	ICD-10-PCS
0F5G3Z3	Destruction of Pancreas using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0F5G3ZF	Destruction of Pancreas using Irreversible Electroporation, Percutaneous Approach	Procedure	ICD-10-PCS
0F5G3ZZ	Destruction of Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0F5G4Z3	Destruction of Pancreas using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F5G4ZF	Destruction of Pancreas using Irreversible Electroporation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F5G4ZZ	Destruction of Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F750DZ	Dilation of Right Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F750ZZ	Dilation of Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F754DZ	Dilation of Right Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F754ZZ	Dilation of Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F757ZZ	Dilation of Right Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F760DZ	Dilation of Left Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F760ZZ	Dilation of Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F764DZ	Dilation of Left Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F764ZZ	Dilation of Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F767ZZ	Dilation of Left Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F770DZ	Dilation of Common Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F770ZZ	Dilation of Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F774DZ	Dilation of Common Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F774ZZ	Dilation of Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F777ZZ	Dilation of Common Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F780DZ	Dilation of Cystic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F780ZZ	Dilation of Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0F784DZ	Dilation of Cystic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F784ZZ	Dilation of Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F787ZZ	Dilation of Cystic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F790DZ	Dilation of Common Bile Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F790ZZ	Dilation of Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0F794DZ	Dilation of Common Bile Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F794ZZ	Dilation of Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F797ZZ	Dilation of Common Bile Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F7C0DZ	Dilation of Ampulla of Vater with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F7C0ZZ	Dilation of Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0F7C3DZ	Dilation of Ampulla of Vater with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0F7C3ZZ	Dilation of Ampulla of Vater, Percutaneous Approach	Procedure	ICD-10-PCS
0F7C4DZ	Dilation of Ampulla of Vater with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F7C4ZZ	Dilation of Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F7C7DZ	Dilation of Ampulla of Vater with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F7C7ZZ	Dilation of Ampulla of Vater, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F7D0DZ	Dilation of Pancreatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F7D0ZZ	Dilation of Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0F7D3DZ	Dilation of Pancreatic Duct with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0F7D3ZZ	Dilation of Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0F7D4DZ	Dilation of Pancreatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F7D4ZZ	Dilation of Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F7D7ZZ	Dilation of Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F7F0DZ	Dilation of Accessory Pancreatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0F7F0ZZ	Dilation of Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0F7F3DZ	Dilation of Accessory Pancreatic Duct with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0F7F3ZZ	Dilation of Accessory Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0F7F4DZ	Dilation of Accessory Pancreatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F7F4ZZ	Dilation of Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F7F7DZ	Dilation of Accessory Pancreatic Duct with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F7F7ZZ	Dilation of Accessory Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0F800ZZ	Division of Liver, Open Approach	Procedure	ICD-10-PCS
0F804ZZ	Division of Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F810ZZ	Division of Right Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0F814ZZ	Division of Right Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F820ZZ	Division of Left Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0F824ZZ	Division of Left Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F8G0ZZ	Division of Pancreas, Open Approach	Procedure	ICD-10-PCS
0F8G3ZZ	Division of Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0F8G4ZZ	Division of Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9000Z	Drainage of Liver with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F900ZZ	Drainage of Liver, Open Approach	Procedure	ICD-10-PCS
0F9040Z	Drainage of Liver with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F904ZZ	Drainage of Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9100Z	Drainage of Right Lobe Liver with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F910ZZ	Drainage of Right Lobe Liver, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0F9140Z	Drainage of Right Lobe Liver with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F914ZZ	Drainage of Right Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9200Z	Drainage of Left Lobe Liver with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F920ZZ	Drainage of Left Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0F9240Z	Drainage of Left Lobe Liver with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F924ZZ	Drainage of Left Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9400Z	Drainage of Gallbladder with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F940ZZ	Drainage of Gallbladder, Open Approach	Procedure	ICD-10-PCS
0F9440Z	Drainage of Gallbladder with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F944ZZ	Drainage of Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9500Z	Drainage of Right Hepatic Duct with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F950ZZ	Drainage of Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F9540Z	Drainage of Right Hepatic Duct with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F954ZZ	Drainage of Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9600Z	Drainage of Left Hepatic Duct with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F960ZZ	Drainage of Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F9640Z	Drainage of Left Hepatic Duct with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F964ZZ	Drainage of Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9700Z	Drainage of Common Hepatic Duct with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F970ZZ	Drainage of Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0F9740Z	Drainage of Common Hepatic Duct with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F974ZZ	Drainage of Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9800Z	Drainage of Cystic Duct with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F980ZZ	Drainage of Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0F9840Z	Drainage of Cystic Duct with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F984ZZ	Drainage of Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9900Z	Drainage of Common Bile Duct with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F990ZZ	Drainage of Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0F9940Z	Drainage of Common Bile Duct with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0F994ZZ	Drainage of Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9C00Z	Drainage of Ampulla of Vater with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F9C0ZZ	Drainage of Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0F9C40Z	Drainage of Ampulla of Vater with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9C4ZZ	Drainage of Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9D00Z	Drainage of Pancreatic Duct with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F9D0ZZ	Drainage of Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0F9D40Z	Drainage of Pancreatic Duct with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9D4ZZ	Drainage of Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9F00Z	Drainage of Accessory Pancreatic Duct with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F9F0ZZ	Drainage of Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0F9F40Z	Drainage of Accessory Pancreatic Duct with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9F4ZZ	Drainage of Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9G00Z	Drainage of Pancreas with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0F9G0ZZ	Drainage of Pancreas, Open Approach	Procedure	ICD-10-PCS
0F9G40Z	Drainage of Pancreas with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F9G4ZZ	Drainage of Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FB00ZZ	Excision of Liver, Open Approach	Procedure	ICD-10-PCS
0FB03ZZ	Excision of Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FB04ZG	Excision of liver, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0FB04ZZ	Excision of Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FB10ZZ	Excision of Right Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FB13ZZ	Excision of Right Lobe Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FB14ZG	Excision of right lobe liver, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0FB14ZZ	Excision of Right Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FB20ZZ	Excision of Left Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FB23ZZ	Excision of Left Lobe Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FB24ZG	Excision of left lobe liver, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0FB24ZZ	Excision of Left Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FB40ZZ	Excision of Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FB43ZZ	Excision of Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FB44ZZ	Excision of Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FB48ZZ	Excision of Gallbladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FB50ZZ	Excision of Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FB53ZZ	Excision of Right Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FB54ZZ	Excision of Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FB57ZZ	Excision of Right Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FB60ZZ	Excision of Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FB63ZZ	Excision of Left Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FB64ZZ	Excision of Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FB67ZZ	Excision of Left Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FB70ZZ	Excision of Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FB73ZZ	Excision of Common Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FB74ZZ	Excision of Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FB77ZZ	Excision of Common Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FB80ZZ	Excision of Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0FB83ZZ	Excision of Cystic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FB84ZZ	Excision of Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FB87ZZ	Excision of Cystic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FB90ZZ	Excision of Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0FB93ZZ	Excision of Common Bile Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FB94ZZ	Excision of Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FB97ZZ	Excision of Common Bile Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FBC0ZZ	Excision of Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0FBC3ZZ	Excision of Ampulla of Vater, Percutaneous Approach	Procedure	ICD-10-PCS
0FBC4ZZ	Excision of Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FBC7ZZ	Excision of Ampulla of Vater, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FBD0ZZ	Excision of Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FBD3ZZ	Excision of Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FBD4ZZ	Excision of Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FBD7ZZ	Excision of Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FBF0ZZ	Excision of Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FBF3ZZ	Excision of Accessory Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FBF4ZZ	Excision of Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FBF7ZZ	Excision of Accessory Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FBG0ZZ	Excision of Pancreas, Open Approach	Procedure	ICD-10-PCS
0FBG3ZZ	Excision of Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FBG4ZG	Excision of pancreas, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0FBG4ZZ	Excision of Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FBG8ZZ	Excision of Pancreas, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FC00ZZ	Extirpation of Matter from Liver, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FC03ZZ	Extirpation of Matter from Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FC04ZZ	Extirpation of Matter from Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FC10ZZ	Extirpation of Matter from Right Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FC13ZZ	Extirpation of Matter from Right Lobe Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FC14ZZ	Extirpation of Matter from Right Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FC20ZZ	Extirpation of Matter from Left Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FC23ZZ	Extirpation of Matter from Left Lobe Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FC24ZZ	Extirpation of Matter from Left Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FC40ZZ	Extirpation of Matter from Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FC43ZZ	Extirpation of Matter from Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FC44ZZ	Extirpation of Matter from Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FC48ZZ	Extirpation of Matter from Gallbladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FC50ZZ	Extirpation of Matter from Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FC54ZZ	Extirpation of Matter from Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FC60ZZ	Extirpation of Matter from Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FC64ZZ	Extirpation of Matter from Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FC70ZZ	Extirpation of Matter from Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FC74ZZ	Extirpation of Matter from Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FC80ZZ	Extirpation of Matter from Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0FC84ZZ	Extirpation of Matter from Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FC90ZZ	Extirpation of Matter from Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0FC94ZZ	Extirpation of Matter from Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FCC0ZZ	Extirpation of Matter from Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0FCC3ZZ	Extirpation of Matter from Ampulla of Vater, Percutaneous Approach	Procedure	ICD-10-PCS
0FCC4ZZ	Extirpation of Matter from Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FCC7ZZ	Extirpation of Matter from Ampulla of Vater, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FCD0ZZ	Extirpation of Matter from Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FCD4ZZ	Extirpation of Matter from Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FCD7ZZ	Extirpation of Matter from Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FCF0ZZ	Extirpation of Matter from Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FCF4ZZ	Extirpation of Matter from Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FCF7ZZ	Extirpation of Matter from Accessory Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FCG0ZZ	Extirpation of Matter from Pancreas, Open Approach	Procedure	ICD-10-PCS
0FCG3ZZ	Extirpation of Matter from Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FCG4ZZ	Extirpation of Matter from Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FF40ZZ	Fragmentation in Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FF43ZZ	Fragmentation in Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FF44ZZ	Fragmentation in Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FF47ZZ	Fragmentation in Gallbladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FF50ZZ	Fragmentation in Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FF53ZZ	Fragmentation in Right Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FF54ZZ	Fragmentation in Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FF57ZZ	Fragmentation in Right Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FF60ZZ	Fragmentation in Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FF63ZZ	Fragmentation in Left Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FF64ZZ	Fragmentation in Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FF67ZZ	Fragmentation in Left Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FF70ZZ	Fragmentation in Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FF73ZZ	Fragmentation in Common Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FF74ZZ	Fragmentation in Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FF77ZZ	Fragmentation in Common Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FF80ZZ	Fragmentation in Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0FF83ZZ	Fragmentation in Cystic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FF84ZZ	Fragmentation in Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FF87ZZ	Fragmentation in Cystic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FF90ZZ	Fragmentation in Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0FF93ZZ	Fragmentation in Common Bile Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FF94ZZ	Fragmentation in Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FF97ZZ	Fragmentation in Common Bile Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FFC0ZZ	Fragmentation in Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0FFC3ZZ	Fragmentation in Ampulla of Vater, Percutaneous Approach	Procedure	ICD-10-PCS
0FFC4ZZ	Fragmentation in Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FFC7ZZ	Fragmentation in Ampulla of Vater, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FFD0ZZ	Fragmentation in Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FFD3ZZ	Fragmentation in Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FFD4ZZ	Fragmentation in Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FFD7ZZ	Fragmentation in Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FFF0ZZ	Fragmentation in Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FFF3ZZ	Fragmentation in Accessory Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FFF4ZZ	Fragmentation in Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FFF7ZZ	Fragmentation in Accessory Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FH001Z	Insertion of Radioactive Element into Liver, Open Approach	Procedure	ICD-10-PCS
0FH003Z	Insertion of Infusion Device into Liver, Open Approach	Procedure	ICD-10-PCS
0FH00YZ	Insertion of Other Device into Liver, Open Approach	Procedure	ICD-10-PCS
0FH041Z	Insertion of Radioactive Element into Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FH043Z	Insertion of Infusion Device into Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FH04YZ	Insertion of Other Device into Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FH103Z	Insertion of Infusion Device into Right Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FH143Z	Insertion of Infusion Device into Right Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FH203Z	Insertion of Infusion Device into Left Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FH243Z	Insertion of Infusion Device into Left Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FH401Z	Insertion of Radioactive Element into Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FH403Z	Insertion of Infusion Device into Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FH40YZ	Insertion of Other Device into Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FH441Z	Insertion of Radioactive Element into Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FH443Z	Insertion of Infusion Device into Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FH44YZ	Insertion of Other Device into Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FHB01Z	Insertion of Radioactive Element into Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FHB03Z	Insertion of Infusion Device into Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FHB0DZ	Insertion of Intraluminal Device into Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FHB0YZ	Insertion of Other Device into Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FHB3DZ	Insertion of Intraluminal Device into Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FHB41Z	Insertion of Radioactive Element into Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FHB43Z	Insertion of Infusion Device into Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FHB4DZ	Insertion of Intraluminal Device into Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FHB4YZ	Insertion of Other Device into Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FHD01Z	Insertion of Radioactive Element into Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FHD03Z	Insertion of Infusion Device into Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FHD0DZ	Insertion of Intraluminal Device into Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FHD0YZ	Insertion of Other Device into Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FHD3DZ	Insertion of Intraluminal Device into Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FHD41Z	Insertion of Radioactive Element into Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FHD43Z	Insertion of Infusion Device into Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FHD4DZ	Insertion of Intraluminal Device into Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FHD4YZ	Insertion of Other Device into Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FHG01Z	Insertion of Radioactive Element into Pancreas, Open Approach	Procedure	ICD-10-PCS
0FHG03Z	Insertion of Infusion Device into Pancreas, Open Approach	Procedure	ICD-10-PCS
0FHG0YZ	Insertion of Other Device into Pancreas, Open Approach	Procedure	ICD-10-PCS
0FHG41Z	Insertion of Radioactive Element into Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FHG43Z	Insertion of Infusion Device into Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FHG4YZ	Insertion of Other Device into Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL50CZ	Occlusion of Right Hepatic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FL50DZ	Occlusion of Right Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FL50ZZ	Occlusion of Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FL54CZ	Occlusion of Right Hepatic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL54DZ	Occlusion of Right Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL54ZZ	Occlusion of Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL60CZ	Occlusion of Left Hepatic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FL60DZ	Occlusion of Left Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FL60ZZ	Occlusion of Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FL64CZ	Occlusion of Left Hepatic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL64DZ	Occlusion of Left Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL64ZZ	Occlusion of Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL70CZ	Occlusion of Common Hepatic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FL70DZ	Occlusion of Common Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FL70ZZ	Occlusion of Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FL74CZ	Occlusion of Common Hepatic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL74DZ	Occlusion of Common Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL74ZZ	Occlusion of Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL80CZ	Occlusion of Cystic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FL80DZ	Occlusion of Cystic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FL80ZZ	Occlusion of Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0FL84CZ	Occlusion of Cystic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL84DZ	Occlusion of Cystic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL84ZZ	Occlusion of Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL90CZ	Occlusion of Common Bile Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FL90DZ	Occlusion of Common Bile Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FL90ZZ	Occlusion of Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0FL94CZ	Occlusion of Common Bile Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FL94DZ	Occlusion of Common Bile Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FL94ZZ	Occlusion of Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FLC0CZ	Occlusion of Ampulla of Vater with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FLC0DZ	Occlusion of Ampulla of Vater with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FLC0ZZ	Occlusion of Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0FLC3CZ	Occlusion of Ampulla of Vater with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FLC3DZ	Occlusion of Ampulla of Vater with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FLC3ZZ	Occlusion of Ampulla of Vater, Percutaneous Approach	Procedure	ICD-10-PCS
0FLC4CZ	Occlusion of Ampulla of Vater with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FLC4DZ	Occlusion of Ampulla of Vater with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FLC4ZZ	Occlusion of Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FLC7DZ	Occlusion of Ampulla of Vater with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FLC7ZZ	Occlusion of Ampulla of Vater, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FLC8DZ	Occlusion of Ampulla of Vater with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FLC8ZZ	Occlusion of Ampulla of Vater, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FLD0CZ	Occlusion of Pancreatic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FLD0DZ	Occlusion of Pancreatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FLD0ZZ	Occlusion of Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FLD3CZ	Occlusion of Pancreatic Duct with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FLD3DZ	Occlusion of Pancreatic Duct with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FLD3ZZ	Occlusion of Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FLD4CZ	Occlusion of Pancreatic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FLD4DZ	Occlusion of Pancreatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FLD4ZZ	Occlusion of Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FLD7DZ	Occlusion of Pancreatic Duct with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FLD7ZZ	Occlusion of Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FLD8DZ	Occlusion of Pancreatic Duct with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FLD8ZZ	Occlusion of Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FLF0CZ	Occlusion of Accessory Pancreatic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FLF0DZ	Occlusion of Accessory Pancreatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FLF0ZZ	Occlusion of Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FLF3CZ	Occlusion of Accessory Pancreatic Duct with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FLF3DZ	Occlusion of Accessory Pancreatic Duct with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FLF3ZZ	Occlusion of Accessory Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FLF4CZ	Occlusion of Accessory Pancreatic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FLF4DZ	Occlusion of Accessory Pancreatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FLF4ZZ	Occlusion of Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FLF7DZ	Occlusion of Accessory Pancreatic Duct with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FLF7ZZ	Occlusion of Accessory Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FLF8DZ	Occlusion of Accessory Pancreatic Duct with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FLF8ZZ	Occlusion of Accessory Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FM00ZZ	Reattachment of Liver, Open Approach	Procedure	ICD-10-PCS
0FM04ZZ	Reattachment of Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FM10ZZ	Reattachment of Right Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FM14ZZ	Reattachment of Right Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FM20ZZ	Reattachment of Left Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FM24ZZ	Reattachment of Left Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FM40ZZ	Reattachment of Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FM44ZZ	Reattachment of Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FM50ZZ	Reattachment of Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FM54ZZ	Reattachment of Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FM60ZZ	Reattachment of Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FM64ZZ	Reattachment of Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FM70ZZ	Reattachment of Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FM74ZZ	Reattachment of Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FM80ZZ	Reattachment of Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0FM84ZZ	Reattachment of Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FM90ZZ	Reattachment of Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0FM94ZZ	Reattachment of Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FMC0ZZ	Reattachment of Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0FMC4ZZ	Reattachment of Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FMD0ZZ	Reattachment of Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FMD4ZZ	Reattachment of Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FMF0ZZ	Reattachment of Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FMF4ZZ	Reattachment of Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FMG0ZZ	Reattachment of Pancreas, Open Approach	Procedure	ICD-10-PCS
0FMG4ZZ	Reattachment of Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FN00ZZ	Release Liver, Open Approach	Procedure	ICD-10-PCS
0FN03ZZ	Release Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FN04ZZ	Release Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FN10ZZ	Release Right Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FN13ZZ	Release Right Lobe Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FN14ZZ	Release Right Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FN20ZZ	Release Left Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FN23ZZ	Release Left Lobe Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FN24ZZ	Release Left Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FN40ZZ	Release Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FN43ZZ	Release Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FN44ZZ	Release Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FN48ZZ	Release Gallbladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FN50ZZ	Release Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FN53ZZ	Release Right Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FN54ZZ	Release Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FN57ZZ	Release Right Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FN58ZZ	Release Right Hepatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FN60ZZ	Release Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FN63ZZ	Release Left Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FN64ZZ	Release Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FN67ZZ	Release Left Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FN68ZZ	Release Left Hepatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FN70ZZ	Release Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FN73ZZ	Release Common Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FN74ZZ	Release Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FN77ZZ	Release Common Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FN78ZZ	Release Common Hepatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FN80ZZ	Release Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0FN83ZZ	Release Cystic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FN84ZZ	Release Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FN87ZZ	Release Cystic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FN88ZZ	Release Cystic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FN90ZZ	Release Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0FN93ZZ	Release Common Bile Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FN94ZZ	Release Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FN97ZZ	Release Common Bile Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FN98ZZ	Release Common Bile Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FNC0ZZ	Release Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0FNC3ZZ	Release Ampulla of Vater, Percutaneous Approach	Procedure	ICD-10-PCS
0FNC4ZZ	Release Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FNC7ZZ	Release Ampulla of Vater, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FNC8ZZ	Release Ampulla of Vater, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FND0ZZ	Release Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FND3ZZ	Release Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FND4ZZ	Release Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FND7ZZ	Release Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FND8ZZ	Release Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FNF0ZZ	Release Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FNF3ZZ	Release Accessory Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FNF4ZZ	Release Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FNF7ZZ	Release Accessory Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FNF8ZZ	Release Accessory Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FNG0ZZ	Release Pancreas, Open Approach	Procedure	ICD-10-PCS
0FNG3ZZ	Release Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FNG4ZZ	Release Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FNG8ZZ	Release Pancreas, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FP000Z	Removal of Drainage Device from Liver, Open Approach	Procedure	ICD-10-PCS
0FP002Z	Removal of Monitoring Device from Liver, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FP003Z	Removal of Infusion Device from Liver, Open Approach	Procedure	ICD-10-PCS
0FP00YZ	Removal of Other Device from Liver, Open Approach	Procedure	ICD-10-PCS
0FP030Z	Removal of Drainage Device from Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FP032Z	Removal of Monitoring Device from Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FP033Z	Removal of Infusion Device from Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FP03YZ	Removal of Other Device from Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FP040Z	Removal of Drainage Device from Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FP042Z	Removal of Monitoring Device from Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FP043Z	Removal of Infusion Device from Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FP04YZ	Removal of Other Device from Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FP400Z	Removal of Drainage Device from Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FP402Z	Removal of Monitoring Device from Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FP403Z	Removal of Infusion Device from Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FP40DZ	Removal of Intraluminal Device from Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FP40YZ	Removal of Other Device from Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FP430Z	Removal of Drainage Device from Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FP432Z	Removal of Monitoring Device from Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FP433Z	Removal of Infusion Device from Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FP43DZ	Removal of Intraluminal Device from Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FP43YZ	Removal of Other Device from Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FP440Z	Removal of Drainage Device from Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FP442Z	Removal of Monitoring Device from Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FP443Z	Removal of Infusion Device from Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FP44DZ	Removal of Intraluminal Device from Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FP44YZ	Removal of Other Device from Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPB00Z	Removal of Drainage Device from Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FPB01Z	Removal of Radioactive Element from Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FPB02Z	Removal of Monitoring Device from Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FPB03Z	Removal of Infusion Device from Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FPB07Z	Removal of Autologous Tissue Substitute from Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FPB0CZ	Removal of Extraluminal Device from Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FPB0DZ	Removal of Intraluminal Device from Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FPB0JZ	Removal of Synthetic Substitute from Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FPB0KZ	Removal of Nonautologous Tissue Substitute from Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FPB0YZ	Removal of Other Device from Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FPB30Z	Removal of Drainage Device from Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPB32Z	Removal of Monitoring Device from Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPB33Z	Removal of Infusion Device from Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPB37Z	Removal of Autologous Tissue Substitute from Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPB3CZ	Removal of Extraluminal Device from Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPB3DZ	Removal of Intraluminal Device from Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPB3JZ	Removal of Synthetic Substitute from Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPB3KZ	Removal of Nonautologous Tissue Substitute from Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPB3YZ	Removal of Other Device from Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPB40Z	Removal of Drainage Device from Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPB41Z	Removal of Radioactive Element from Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPB42Z	Removal of Monitoring Device from Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPB43Z	Removal of Infusion Device from Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPB47Z	Removal of Autologous Tissue Substitute from Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FPB4CZ	Removal of Extraluminal Device from Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPB4DZ	Removal of Intraluminal Device from Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPB4JZ	Removal of Synthetic Substitute from Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPB4KZ	Removal of Nonautologous Tissue Substitute from Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPB4YZ	Removal of Other Device from Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPB77Z	Removal of Autologous Tissue Substitute from Hepatobiliary Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FPB7CZ	Removal of Extraluminal Device from Hepatobiliary Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FPB7JZ	Removal of Synthetic Substitute from Hepatobiliary Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FPB7KZ	Removal of Nonautologous Tissue Substitute from Hepatobiliary Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FPB87Z	Removal of Autologous Tissue Substitute from Hepatobiliary Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FPB8CZ	Removal of Extraluminal Device from Hepatobiliary Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FPB8JZ	Removal of Synthetic Substitute from Hepatobiliary Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FPB8KZ	Removal of Nonautologous Tissue Substitute from Hepatobiliary Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FPD00Z	Removal of Drainage Device from Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FPD01Z	Removal of Radioactive Element from Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FPD02Z	Removal of Monitoring Device from Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FPD03Z	Removal of Infusion Device from Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FPD07Z	Removal of Autologous Tissue Substitute from Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FPD0CZ	Removal of Extraluminal Device from Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FPD0DZ	Removal of Intraluminal Device from Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FPD0JZ	Removal of Synthetic Substitute from Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FPD0KZ	Removal of Nonautologous Tissue Substitute from Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FPD0YZ	Removal of Other Device from Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FPD30Z	Removal of Drainage Device from Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPD32Z	Removal of Monitoring Device from Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPD33Z	Removal of Infusion Device from Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPD37Z	Removal of Autologous Tissue Substitute from Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPD3CZ	Removal of Extraluminal Device from Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPD3DZ	Removal of Intraluminal Device from Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPD3JZ	Removal of Synthetic Substitute from Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPD3KZ	Removal of Nonautologous Tissue Substitute from Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPD3YZ	Removal of Other Device from Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FPD40Z	Removal of Drainage Device from Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPD41Z	Removal of Radioactive Element from Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPD42Z	Removal of Monitoring Device from Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPD43Z	Removal of Infusion Device from Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPD47Z	Removal of Autologous Tissue Substitute from Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPD4CZ	Removal of Extraluminal Device from Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPD4DZ	Removal of Intraluminal Device from Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPD4JZ	Removal of Synthetic Substitute from Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPD4KZ	Removal of Nonautologous Tissue Substitute from Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPD4YZ	Removal of Other Device from Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPD77Z	Removal of Autologous Tissue Substitute from Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FPD7CZ	Removal of Extraluminal Device from Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FPD7JZ	Removal of Synthetic Substitute from Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FPD7KZ	Removal of Nonautologous Tissue Substitute from Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FPD87Z	Removal of Autologous Tissue Substitute from Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FPD8CZ	Removal of Extraluminal Device from Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FPD8JZ	Removal of Synthetic Substitute from Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FPD8KZ	Removal of Nonautologous Tissue Substitute from Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FPG00Z	Removal of Drainage Device from Pancreas, Open Approach	Procedure	ICD-10-PCS
0FPG02Z	Removal of Monitoring Device from Pancreas, Open Approach	Procedure	ICD-10-PCS
0FPG03Z	Removal of Infusion Device from Pancreas, Open Approach	Procedure	ICD-10-PCS
0FPG0DZ	Removal of Intraluminal Device from Pancreas, Open Approach	Procedure	ICD-10-PCS
0FPG0YZ	Removal of Other Device from Pancreas, Open Approach	Procedure	ICD-10-PCS
0FPG32Z	Removal of Monitoring Device from Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FPG33Z	Removal of Infusion Device from Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FPG3DZ	Removal of Intraluminal Device from Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FPG3YZ	Removal of Other Device from Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FPG40Z	Removal of Drainage Device from Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPG42Z	Removal of Monitoring Device from Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPG43Z	Removal of Infusion Device from Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPG4DZ	Removal of Intraluminal Device from Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPG4YZ	Removal of Other Device from Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FPGXDZ	Removal of Intraluminal Device from Pancreas, External Approach	Procedure	ICD-10-PCS
0FQ00ZZ	Repair Liver, Open Approach	Procedure	ICD-10-PCS
0FQ03ZZ	Repair Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FQ04ZZ	Repair Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQ10ZZ	Repair Right Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FQ13ZZ	Repair Right Lobe Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FQ14ZZ	Repair Right Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQ20ZZ	Repair Left Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FQ23ZZ	Repair Left Lobe Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FQ24ZZ	Repair Left Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQ40ZZ	Repair Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FQ43ZZ	Repair Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FQ44ZZ	Repair Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FQ48ZZ	Repair Gallbladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FQ50ZZ	Repair Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FQ53ZZ	Repair Right Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FQ54ZZ	Repair Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQ57ZZ	Repair Right Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FQ58ZZ	Repair Right Hepatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FQ60ZZ	Repair Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FQ63ZZ	Repair Left Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FQ64ZZ	Repair Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQ67ZZ	Repair Left Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FQ68ZZ	Repair Left Hepatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FQ70ZZ	Repair Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FQ73ZZ	Repair Common Hepatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FQ74ZZ	Repair Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQ77ZZ	Repair Common Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FQ78ZZ	Repair Common Hepatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FQ80ZZ	Repair Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0FQ83ZZ	Repair Cystic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FQ84ZZ	Repair Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQ87ZZ	Repair Cystic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FQ88ZZ	Repair Cystic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FQ90ZZ	Repair Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0FQ93ZZ	Repair Common Bile Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FQ94ZZ	Repair Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQ97ZZ	Repair Common Bile Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FQ98ZZ	Repair Common Bile Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FQC0ZZ	Repair Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0FQC3ZZ	Repair Ampulla of Vater, Percutaneous Approach	Procedure	ICD-10-PCS
0FQC4ZZ	Repair Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQC7ZZ	Repair Ampulla of Vater, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FQC8ZZ	Repair Ampulla of Vater, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FQD0ZZ	Repair Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FQD3ZZ	Repair Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FQD4ZZ	Repair Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQD7ZZ	Repair Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FQD8ZZ	Repair Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FQF0ZZ	Repair Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FQF3ZZ	Repair Accessory Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FQF4ZZ	Repair Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQF7ZZ	Repair Accessory Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FQF8ZZ	Repair Accessory Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FQG0ZZ	Repair Pancreas, Open Approach	Procedure	ICD-10-PCS
0FQG3ZZ	Repair Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FQG4ZZ	Repair Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FQG8ZZ	Repair Pancreas, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR507Z	Replacement of Right Hepatic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FR50JZ	Replacement of Right Hepatic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FR50KZ	Replacement of Right Hepatic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FR547Z	Replacement of Right Hepatic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR54JZ	Replacement of Right Hepatic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR54KZ	Replacement of Right Hepatic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR587Z	Replacement of Right Hepatic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR58JZ	Replacement of Right Hepatic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR58KZ	Replacement of Right Hepatic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR607Z	Replacement of Left Hepatic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FR60JZ	Replacement of Left Hepatic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FR60KZ	Replacement of Left Hepatic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FR647Z	Replacement of Left Hepatic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR64JZ	Replacement of Left Hepatic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR64KZ	Replacement of Left Hepatic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR687Z	Replacement of Left Hepatic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR68JZ	Replacement of Left Hepatic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FR68KZ	Replacement of Left Hepatic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR707Z	Replacement of Common Hepatic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FR70JZ	Replacement of Common Hepatic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FR70KZ	Replacement of Common Hepatic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FR747Z	Replacement of Common Hepatic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR74JZ	Replacement of Common Hepatic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR74KZ	Replacement of Common Hepatic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR787Z	Replacement of Common Hepatic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR78JZ	Replacement of Common Hepatic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR78KZ	Replacement of Common Hepatic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR807Z	Replacement of Cystic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FR80JZ	Replacement of Cystic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FR80KZ	Replacement of Cystic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FR847Z	Replacement of Cystic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR84JZ	Replacement of Cystic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR84KZ	Replacement of Cystic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR887Z	Replacement of Cystic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR88JZ	Replacement of Cystic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR88KZ	Replacement of Cystic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR907Z	Replacement of Common Bile Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FR90JZ	Replacement of Common Bile Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FR90KZ	Replacement of Common Bile Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FR947Z	Replacement of Common Bile Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR94JZ	Replacement of Common Bile Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR94KZ	Replacement of Common Bile Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FR987Z	Replacement of Common Bile Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR98JZ	Replacement of Common Bile Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FR98KZ	Replacement of Common Bile Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FRC07Z	Replacement of Ampulla of Vater with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FRC0JZ	Replacement of Ampulla of Vater with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FRC0KZ	Replacement of Ampulla of Vater with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FRC47Z	Replacement of Ampulla of Vater with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FRC4JZ	Replacement of Ampulla of Vater with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FRC4KZ	Replacement of Ampulla of Vater with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FRC87Z	Replacement of Ampulla of Vater with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FRC8JZ	Replacement of Ampulla of Vater with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FRC8KZ	Replacement of Ampulla of Vater with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FRD07Z	Replacement of Pancreatic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FRD0JZ	Replacement of Pancreatic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FRD0KZ	Replacement of Pancreatic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FRD47Z	Replacement of Pancreatic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FRD4JZ	Replacement of Pancreatic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FRD4KZ	Replacement of Pancreatic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FRD87Z	Replacement of Pancreatic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FRD8JZ	Replacement of Pancreatic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FRD8KZ	Replacement of Pancreatic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FRF07Z	Replacement of Accessory Pancreatic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FRF0JZ	Replacement of Accessory Pancreatic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FRF0KZ	Replacement of Accessory Pancreatic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FRF47Z	Replacement of Accessory Pancreatic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FRF4JZ	Replacement of Accessory Pancreatic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FRF4KZ	Replacement of Accessory Pancreatic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FRF87Z	Replacement of Accessory Pancreatic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FRF8JZ	Replacement of Accessory Pancreatic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FRF8KZ	Replacement of Accessory Pancreatic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FS00ZZ	Reposition Liver, Open Approach	Procedure	ICD-10-PCS
0FS04ZZ	Reposition Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FS40ZZ	Reposition Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FS44ZZ	Reposition Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FS50ZZ	Reposition Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FS54ZZ	Reposition Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FS60ZZ	Reposition Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FS64ZZ	Reposition Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FS70ZZ	Reposition Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FS74ZZ	Reposition Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FS80ZZ	Reposition Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0FS84ZZ	Reposition Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FS90ZZ	Reposition Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0FS94ZZ	Reposition Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FSC0ZZ	Reposition Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0FSC4ZZ	Reposition Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FSD0ZZ	Reposition Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FSD4ZZ	Reposition Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FSF0ZZ	Reposition Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FSF4ZZ	Reposition Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FSG0ZZ	Reposition Pancreas, Open Approach	Procedure	ICD-10-PCS
0FSG4ZZ	Reposition Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FT00ZZ	Resection of Liver, Open Approach	Procedure	ICD-10-PCS
0FT04ZG	Resection of liver, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0FT04ZZ	Resection of Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FT10ZZ	Resection of Right Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FT14ZG	Resection of right lobe liver, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0FT14ZZ	Resection of Right Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FT20ZZ	Resection of Left Lobe Liver, Open Approach	Procedure	ICD-10-PCS
0FT24ZG	Resection of left lobe liver, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0FT24ZZ	Resection of Left Lobe Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FT40ZZ	Resection of Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FT44ZG	Resection of gallbladder, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0FT44ZZ	Resection of Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FT50ZZ	Resection of Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FT54ZZ	Resection of Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FT57ZZ	Resection of Right Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FT58ZZ	Resection of Right Hepatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FT60ZZ	Resection of Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FT64ZZ	Resection of Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FT67ZZ	Resection of Left Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FT68ZZ	Resection of Left Hepatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FT70ZZ	Resection of Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FT74ZZ	Resection of Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FT77ZZ	Resection of Common Hepatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FT78ZZ	Resection of Common Hepatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FT80ZZ	Resection of Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0FT84ZZ	Resection of Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FT87ZZ	Resection of Cystic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FT88ZZ	Resection of Cystic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FT90ZZ	Resection of Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0FT94ZZ	Resection of Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FT97ZZ	Resection of Common Bile Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FT98ZZ	Resection of Common Bile Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FTC0ZZ	Resection of Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0FTC4ZZ	Resection of Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FTC7ZZ	Resection of Ampulla of Vater, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FTC8ZZ	Resection of Ampulla of Vater, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FTD0ZZ	Resection of Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FTD4ZZ	Resection of Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FTD7ZZ	Resection of Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FTF0ZZ	Resection of Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FTF4ZZ	Resection of Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FTF7ZZ	Resection of Accessory Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FTG0ZZ	Resection of Pancreas, Open Approach	Procedure	ICD-10-PCS
0FTG4ZG	Resection of pancreas, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0FTG4ZZ	Resection of Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU507Z	Supplement Right Hepatic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FU50JZ	Supplement Right Hepatic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FU50KZ	Supplement Right Hepatic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FU537Z	Supplement Right Hepatic Duct with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU53JZ	Supplement Right Hepatic Duct with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU53KZ	Supplement Right Hepatic Duct with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU547Z	Supplement Right Hepatic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU54JZ	Supplement Right Hepatic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU54KZ	Supplement Right Hepatic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU587Z	Supplement Right Hepatic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU58JZ	Supplement Right Hepatic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU58KZ	Supplement Right Hepatic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FU607Z	Supplement Left Hepatic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FU60JZ	Supplement Left Hepatic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FU60KZ	Supplement Left Hepatic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FU637Z	Supplement Left Hepatic Duct with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU63JZ	Supplement Left Hepatic Duct with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU63KZ	Supplement Left Hepatic Duct with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU647Z	Supplement Left Hepatic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU64JZ	Supplement Left Hepatic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU64KZ	Supplement Left Hepatic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU687Z	Supplement Left Hepatic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU68JZ	Supplement Left Hepatic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU68KZ	Supplement Left Hepatic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU707Z	Supplement Common Hepatic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FU70JZ	Supplement Common Hepatic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FU70KZ	Supplement Common Hepatic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FU737Z	Supplement Common Hepatic Duct with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU73JZ	Supplement Common Hepatic Duct with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU73KZ	Supplement Common Hepatic Duct with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU747Z	Supplement Common Hepatic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU74JZ	Supplement Common Hepatic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU74KZ	Supplement Common Hepatic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU787Z	Supplement Common Hepatic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FU78JZ	Supplement Common Hepatic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU78KZ	Supplement Common Hepatic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU807Z	Supplement Cystic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FU80JZ	Supplement Cystic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FU80KZ	Supplement Cystic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FU837Z	Supplement Cystic Duct with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU83JZ	Supplement Cystic Duct with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU83KZ	Supplement Cystic Duct with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU847Z	Supplement Cystic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU84JZ	Supplement Cystic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU84KZ	Supplement Cystic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU887Z	Supplement Cystic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU88JZ	Supplement Cystic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU88KZ	Supplement Cystic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU907Z	Supplement Common Bile Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FU90JZ	Supplement Common Bile Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FU90KZ	Supplement Common Bile Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FU937Z	Supplement Common Bile Duct with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU93JZ	Supplement Common Bile Duct with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU93KZ	Supplement Common Bile Duct with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FU947Z	Supplement Common Bile Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU94JZ	Supplement Common Bile Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FU94KZ	Supplement Common Bile Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FU987Z	Supplement Common Bile Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU98JZ	Supplement Common Bile Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FU98KZ	Supplement Common Bile Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FUC07Z	Supplement Ampulla of Vater with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FUC0JZ	Supplement Ampulla of Vater with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FUC0KZ	Supplement Ampulla of Vater with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FUC37Z	Supplement Ampulla of Vater with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FUC3JZ	Supplement Ampulla of Vater with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FUC3KZ	Supplement Ampulla of Vater with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FUC47Z	Supplement Ampulla of Vater with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FUC4JZ	Supplement Ampulla of Vater with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FUC4KZ	Supplement Ampulla of Vater with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FUC87Z	Supplement Ampulla of Vater with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FUC8JZ	Supplement Ampulla of Vater with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FUC8KZ	Supplement Ampulla of Vater with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FUD07Z	Supplement Pancreatic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FUD0JZ	Supplement Pancreatic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FUD0KZ	Supplement Pancreatic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FUD37Z	Supplement Pancreatic Duct with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FUD3JZ	Supplement Pancreatic Duct with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FUD3KZ	Supplement Pancreatic Duct with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FUD47Z	Supplement Pancreatic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FUD4JZ	Supplement Pancreatic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FUD4KZ	Supplement Pancreatic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FUD87Z	Supplement Pancreatic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FUD8JZ	Supplement Pancreatic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FUD8KZ	Supplement Pancreatic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FUF07Z	Supplement Accessory Pancreatic Duct with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FUF0JZ	Supplement Accessory Pancreatic Duct with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0FUF0KZ	Supplement Accessory Pancreatic Duct with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0FUF37Z	Supplement Accessory Pancreatic Duct with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FUF3JZ	Supplement Accessory Pancreatic Duct with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FUF3KZ	Supplement Accessory Pancreatic Duct with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0FUF47Z	Supplement Accessory Pancreatic Duct with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FUF4JZ	Supplement Accessory Pancreatic Duct with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FUF4KZ	Supplement Accessory Pancreatic Duct with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FUF87Z	Supplement Accessory Pancreatic Duct with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FUF8JZ	Supplement Accessory Pancreatic Duct with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FUF8KZ	Supplement Accessory Pancreatic Duct with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FV50CZ	Restriction of Right Hepatic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FV50DZ	Restriction of Right Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FV50ZZ	Restriction of Right Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FV54CZ	Restriction of Right Hepatic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FV54DZ	Restriction of Right Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV54ZZ	Restriction of Right Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV60CZ	Restriction of Left Hepatic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FV60DZ	Restriction of Left Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FV60ZZ	Restriction of Left Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FV64CZ	Restriction of Left Hepatic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV64DZ	Restriction of Left Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV64ZZ	Restriction of Left Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV70CZ	Restriction of Common Hepatic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FV70DZ	Restriction of Common Hepatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FV70ZZ	Restriction of Common Hepatic Duct, Open Approach	Procedure	ICD-10-PCS
0FV74CZ	Restriction of Common Hepatic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV74DZ	Restriction of Common Hepatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV74ZZ	Restriction of Common Hepatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV80CZ	Restriction of Cystic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FV80DZ	Restriction of Cystic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FV80ZZ	Restriction of Cystic Duct, Open Approach	Procedure	ICD-10-PCS
0FV84CZ	Restriction of Cystic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV84DZ	Restriction of Cystic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV84ZZ	Restriction of Cystic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV90CZ	Restriction of Common Bile Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FV90DZ	Restriction of Common Bile Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FV90ZZ	Restriction of Common Bile Duct, Open Approach	Procedure	ICD-10-PCS
0FV94CZ	Restriction of Common Bile Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FV94DZ	Restriction of Common Bile Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0FV94ZZ	Restriction of Common Bile Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FVC0CZ	Restriction of Ampulla of Vater with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FVC0DZ	Restriction of Ampulla of Vater with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FVC0ZZ	Restriction of Ampulla of Vater, Open Approach	Procedure	ICD-10-PCS
0FVC3CZ	Restriction of Ampulla of Vater with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FVC3DZ	Restriction of Ampulla of Vater with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FVC3ZZ	Restriction of Ampulla of Vater, Percutaneous Approach	Procedure	ICD-10-PCS
0FVC4CZ	Restriction of Ampulla of Vater with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FVC4DZ	Restriction of Ampulla of Vater with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FVC4ZZ	Restriction of Ampulla of Vater, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FVC7DZ	Restriction of Ampulla of Vater with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FVC7ZZ	Restriction of Ampulla of Vater, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FVC8DZ	Restriction of Ampulla of Vater with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FVC8ZZ	Restriction of Ampulla of Vater, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FVD0CZ	Restriction of Pancreatic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FVD0DZ	Restriction of Pancreatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FVD0ZZ	Restriction of Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FVD3CZ	Restriction of Pancreatic Duct with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FVD3DZ	Restriction of Pancreatic Duct with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FVD3ZZ	Restriction of Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FVD4CZ	Restriction of Pancreatic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FVD4DZ	Restriction of Pancreatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FVD4ZZ	Restriction of Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FVD7DZ	Restriction of Pancreatic Duct with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FVD7ZZ	Restriction of Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0FVD8DZ	Restriction of Pancreatic Duct with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FVD8ZZ	Restriction of Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FVF0CZ	Restriction of Accessory Pancreatic Duct with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FVF0DZ	Restriction of Accessory Pancreatic Duct with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0FVF0ZZ	Restriction of Accessory Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FVF3CZ	Restriction of Accessory Pancreatic Duct with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FVF3DZ	Restriction of Accessory Pancreatic Duct with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0FVF3ZZ	Restriction of Accessory Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FVF4CZ	Restriction of Accessory Pancreatic Duct with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FVF4DZ	Restriction of Accessory Pancreatic Duct with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FVF4ZZ	Restriction of Accessory Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FVF7DZ	Restriction of Accessory Pancreatic Duct with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FVF7ZZ	Restriction of Accessory Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FVF8DZ	Restriction of Accessory Pancreatic Duct with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FVF8ZZ	Restriction of Accessory Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FW000Z	Revision of Drainage Device in Liver, Open Approach	Procedure	ICD-10-PCS
0FW002Z	Revision of Monitoring Device in Liver, Open Approach	Procedure	ICD-10-PCS
0FW003Z	Revision of Infusion Device in Liver, Open Approach	Procedure	ICD-10-PCS
0FW00YZ	Revision of Other Device in Liver, Open Approach	Procedure	ICD-10-PCS
0FW030Z	Revision of Drainage Device in Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FW032Z	Revision of Monitoring Device in Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FW033Z	Revision of Infusion Device in Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FW03YZ	Revision of Other Device in Liver, Percutaneous Approach	Procedure	ICD-10-PCS
0FW040Z	Revision of Drainage Device in Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FW042Z	Revision of Monitoring Device in Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FW043Z	Revision of Infusion Device in Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FW04YZ	Revision of Other Device in Liver, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FW400Z	Revision of Drainage Device in Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FW402Z	Revision of Monitoring Device in Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FW403Z	Revision of Infusion Device in Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FW40DZ	Revision of Intraluminal Device in Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FW40YZ	Revision of Other Device in Gallbladder, Open Approach	Procedure	ICD-10-PCS
0FW430Z	Revision of Drainage Device in Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FW432Z	Revision of Monitoring Device in Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FW433Z	Revision of Infusion Device in Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FW43DZ	Revision of Intraluminal Device in Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FW43YZ	Revision of Other Device in Gallbladder, Percutaneous Approach	Procedure	ICD-10-PCS
0FW440Z	Revision of Drainage Device in Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FW442Z	Revision of Monitoring Device in Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FW443Z	Revision of Infusion Device in Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FW44DZ	Revision of Intraluminal Device in Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FW44YZ	Revision of Other Device in Gallbladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWB00Z	Revision of Drainage Device in Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FWB02Z	Revision of Monitoring Device in Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FWB03Z	Revision of Infusion Device in Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FWB07Z	Revision of Autologous Tissue Substitute in Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FWB0CZ	Revision of Extraluminal Device in Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FWB0DZ	Revision of Intraluminal Device in Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FWB0JZ	Revision of Synthetic Substitute in Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FWB0KZ	Revision of Nonautologous Tissue Substitute in Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FWB0YZ	Revision of Other Device in Hepatobiliary Duct, Open Approach	Procedure	ICD-10-PCS
0FWB30Z	Revision of Drainage Device in Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWB32Z	Revision of Monitoring Device in Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWB33Z	Revision of Infusion Device in Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FWB37Z	Revision of Autologous Tissue Substitute in Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWB3CZ	Revision of Extraluminal Device in Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWB3DZ	Revision of Intraluminal Device in Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWB3JZ	Revision of Synthetic Substitute in Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWB3KZ	Revision of Nonautologous Tissue Substitute in Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWB3YZ	Revision of Other Device in Hepatobiliary Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWB40Z	Revision of Drainage Device in Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWB42Z	Revision of Monitoring Device in Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWB43Z	Revision of Infusion Device in Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWB47Z	Revision of Autologous Tissue Substitute in Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWB4CZ	Revision of Extraluminal Device in Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWB4DZ	Revision of Intraluminal Device in Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWB4JZ	Revision of Synthetic Substitute in Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWB4KZ	Revision of Nonautologous Tissue Substitute in Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWB4YZ	Revision of Other Device in Hepatobiliary Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWB77Z	Revision of Autologous Tissue Substitute in Hepatobiliary Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FWB7CZ	Revision of Extraluminal Device in Hepatobiliary Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FWB7JZ	Revision of Synthetic Substitute in Hepatobiliary Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FWB7KZ	Revision of Nonautologous Tissue Substitute in Hepatobiliary Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FWB87Z	Revision of Autologous Tissue Substitute in Hepatobiliary Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FWB8CZ	Revision of Extraluminal Device in Hepatobiliary Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FWB8JZ	Revision of Synthetic Substitute in Hepatobiliary Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FWB8KZ	Revision of Nonautologous Tissue Substitute in Hepatobiliary Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FWD00Z	Revision of Drainage Device in Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FWD02Z	Revision of Monitoring Device in Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FWD03Z	Revision of Infusion Device in Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FWD07Z	Revision of Autologous Tissue Substitute in Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FWD0CZ	Revision of Extraluminal Device in Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FWD0DZ	Revision of Intraluminal Device in Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FWD0JZ	Revision of Synthetic Substitute in Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FWD0KZ	Revision of Nonautologous Tissue Substitute in Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FWD0YZ	Revision of Other Device in Pancreatic Duct, Open Approach	Procedure	ICD-10-PCS
0FWD30Z	Revision of Drainage Device in Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWD32Z	Revision of Monitoring Device in Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWD33Z	Revision of Infusion Device in Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWD37Z	Revision of Autologous Tissue Substitute in Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWD3CZ	Revision of Extraluminal Device in Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWD3DZ	Revision of Intraluminal Device in Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWD3JZ	Revision of Synthetic Substitute in Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWD3KZ	Revision of Nonautologous Tissue Substitute in Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWD3YZ	Revision of Other Device in Pancreatic Duct, Percutaneous Approach	Procedure	ICD-10-PCS
0FWD40Z	Revision of Drainage Device in Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWD42Z	Revision of Monitoring Device in Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWD43Z	Revision of Infusion Device in Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWD47Z	Revision of Autologous Tissue Substitute in Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWD4CZ	Revision of Extraluminal Device in Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWD4DZ	Revision of Intraluminal Device in Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FWD4JZ	Revision of Synthetic Substitute in Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWD4KZ	Revision of Nonautologous Tissue Substitute in Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWD4YZ	Revision of Other Device in Pancreatic Duct, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWD77Z	Revision of Autologous Tissue Substitute in Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FWD7CZ	Revision of Extraluminal Device in Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FWD7JZ	Revision of Synthetic Substitute in Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FWD7KZ	Revision of Nonautologous Tissue Substitute in Pancreatic Duct, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0FWD87Z	Revision of Autologous Tissue Substitute in Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FWD8CZ	Revision of Extraluminal Device in Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FWD8JZ	Revision of Synthetic Substitute in Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FWD8KZ	Revision of Nonautologous Tissue Substitute in Pancreatic Duct, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0FWG00Z	Revision of Drainage Device in Pancreas, Open Approach	Procedure	ICD-10-PCS
0FWG02Z	Revision of Monitoring Device in Pancreas, Open Approach	Procedure	ICD-10-PCS
0FWG03Z	Revision of Infusion Device in Pancreas, Open Approach	Procedure	ICD-10-PCS
0FWG0DZ	Revision of Intraluminal Device in Pancreas, Open Approach	Procedure	ICD-10-PCS
0FWG0YZ	Revision of Other Device in Pancreas, Open Approach	Procedure	ICD-10-PCS
0FWG30Z	Revision of Drainage Device in Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FWG32Z	Revision of Monitoring Device in Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FWG33Z	Revision of Infusion Device in Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FWG3DZ	Revision of Intraluminal Device in Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FWG3YZ	Revision of Other Device in Pancreas, Percutaneous Approach	Procedure	ICD-10-PCS
0FWG40Z	Revision of Drainage Device in Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWG42Z	Revision of Monitoring Device in Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWG43Z	Revision of Infusion Device in Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWG4DZ	Revision of Intraluminal Device in Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FWG4YZ	Revision of Other Device in Pancreas, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0FY00Z0	Transplantation of Liver, Allogeneic, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0FY00Z1	Transplantation of Liver, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0FY00Z2	Transplantation of Liver, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0FYG0Z0	Transplantation of Pancreas, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0FYG0Z1	Transplantation of Pancreas, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0FYG0Z2	Transplantation of Pancreas, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0G500Z3	Destruction of Pituitary Gland using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0G500ZZ	Destruction of Pituitary Gland, Open Approach	Procedure	ICD-10-PCS
0G503Z3	Destruction of Pituitary Gland using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0G503ZZ	Destruction of Pituitary Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0G504Z3	Destruction of Pituitary Gland using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G504ZZ	Destruction of Pituitary Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G510Z3	Destruction of Pineal Body using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0G510ZZ	Destruction of Pineal Body, Open Approach	Procedure	ICD-10-PCS
0G513Z3	Destruction of Pineal Body using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0G513ZZ	Destruction of Pineal Body, Percutaneous Approach	Procedure	ICD-10-PCS
0G514Z3	Destruction of Pineal Body using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G514ZZ	Destruction of Pineal Body, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G520Z3	Destruction of Left Adrenal Gland using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0G520ZZ	Destruction of Left Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0G523Z3	Destruction of Left Adrenal Gland using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0G523ZZ	Destruction of Left Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0G524Z3	Destruction of Left Adrenal Gland using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G524ZZ	Destruction of Left Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G530Z3	Destruction of Right Adrenal Gland using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0G530ZZ	Destruction of Right Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0G533Z3	Destruction of Right Adrenal Gland using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0G533ZZ	Destruction of Right Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0G534Z3	Destruction of Right Adrenal Gland using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G534ZZ	Destruction of Right Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0G540Z3	Destruction of Bilateral Adrenal Glands using Laser Interstitial Thermal Therapy, Open Approach	Procedure	ICD-10-PCS
0G540ZZ	Destruction of Bilateral Adrenal Glands, Open Approach	Procedure	ICD-10-PCS
0G543Z3	Destruction of Bilateral Adrenal Glands using Laser Interstitial Thermal Therapy, Percutaneous Approach	Procedure	ICD-10-PCS
0G543ZZ	Destruction of Bilateral Adrenal Glands, Percutaneous Approach	Procedure	ICD-10-PCS
0G544Z3	Destruction of Bilateral Adrenal Glands using Laser Interstitial Thermal Therapy, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G544ZZ	Destruction of Bilateral Adrenal Glands, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G9200Z	Drainage of Left Adrenal Gland with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0G920ZZ	Drainage of Left Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0G9240Z	Drainage of Left Adrenal Gland with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G924ZZ	Drainage of Left Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G9300Z	Drainage of Right Adrenal Gland with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0G930ZZ	Drainage of Right Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0G9340Z	Drainage of Right Adrenal Gland with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G934ZZ	Drainage of Right Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G9400Z	Drainage of Bilateral Adrenal Glands with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0G940ZZ	Drainage of Bilateral Adrenal Glands, Open Approach	Procedure	ICD-10-PCS
0G9440Z	Drainage of Bilateral Adrenal Glands with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0G944ZZ	Drainage of Bilateral Adrenal Glands, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GB20ZZ	Excision of Left Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GB23ZZ	Excision of Left Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0GB24ZZ	Excision of Left Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GB30ZZ	Excision of Right Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GB33ZZ	Excision of Right Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0GB34ZZ	Excision of Right Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GB40ZZ	Excision of Bilateral Adrenal Glands, Open Approach	Procedure	ICD-10-PCS
0GB43ZZ	Excision of Bilateral Adrenal Glands, Percutaneous Approach	Procedure	ICD-10-PCS
0GB44ZZ	Excision of Bilateral Adrenal Glands, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GC20ZZ	Extirpation of Matter from Left Adrenal Gland, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0GC23ZZ	Extirpation of Matter from Left Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0GC24ZZ	Extirpation of Matter from Left Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GC30ZZ	Extirpation of Matter from Right Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GC33ZZ	Extirpation of Matter from Right Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0GC34ZZ	Extirpation of Matter from Right Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GC40ZZ	Extirpation of Matter from Bilateral Adrenal Glands, Open Approach	Procedure	ICD-10-PCS
0GC43ZZ	Extirpation of Matter from Bilateral Adrenal Glands, Percutaneous Approach	Procedure	ICD-10-PCS
0GC44ZZ	Extirpation of Matter from Bilateral Adrenal Glands, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GM20ZZ	Reattachment of Left Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GM24ZZ	Reattachment of Left Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GM30ZZ	Reattachment of Right Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GM34ZZ	Reattachment of Right Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GN20ZZ	Release Left Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GN23ZZ	Release Left Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0GN24ZZ	Release Left Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GN30ZZ	Release Right Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GN33ZZ	Release Right Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0GN34ZZ	Release Right Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GN40ZZ	Release Bilateral Adrenal Glands, Open Approach	Procedure	ICD-10-PCS
0GN43ZZ	Release Bilateral Adrenal Glands, Percutaneous Approach	Procedure	ICD-10-PCS
0GN44ZZ	Release Bilateral Adrenal Glands, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GP500Z	Removal of Drainage Device from Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GP530Z	Removal of Drainage Device from Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0GP540Z	Removal of Drainage Device from Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GQ20ZZ	Repair Left Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GQ23ZZ	Repair Left Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0GQ24ZZ	Repair Left Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GQ30ZZ	Repair Right Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GQ33ZZ	Repair Right Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0GQ34ZZ	Repair Right Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GQ40ZZ	Repair Bilateral Adrenal Glands, Open Approach	Procedure	ICD-10-PCS
0GQ43ZZ	Repair Bilateral Adrenal Glands, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0GQ44ZZ	Repair Bilateral Adrenal Glands, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GS20ZZ	Reposition Left Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GS24ZZ	Reposition Left Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GS30ZZ	Reposition Right Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GS34ZZ	Reposition Right Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GT20ZZ	Resection of Left Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GT24ZZ	Resection of Left Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GT30ZZ	Resection of Right Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GT34ZZ	Resection of Right Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GT40ZZ	Resection of Bilateral Adrenal Glands, Open Approach	Procedure	ICD-10-PCS
0GT44ZZ	Resection of Bilateral Adrenal Glands, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0GW500Z	Revision of Drainage Device in Adrenal Gland, Open Approach	Procedure	ICD-10-PCS
0GW530Z	Revision of Drainage Device in Adrenal Gland, Percutaneous Approach	Procedure	ICD-10-PCS
0GW540Z	Revision of Drainage Device in Adrenal Gland, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0K8K0ZZ	Division of Right Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0K8K3ZZ	Division of Right Abdomen Muscle, Percutaneous Approach	Procedure	ICD-10-PCS
0K8K4ZZ	Division of Right Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0K8L0ZZ	Division of Left Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0K8L3ZZ	Division of Left Abdomen Muscle, Percutaneous Approach	Procedure	ICD-10-PCS
0K8L4ZZ	Division of Left Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0K9L00Z	Drainage of Left Abdomen Muscle with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0K9L0ZZ	Drainage of Left Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0K9L40Z	Drainage of Left Abdomen Muscle with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0K9L4ZZ	Drainage of Left Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KBK0ZZ	Excision of Right Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KBK4ZZ	Excision of Right Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KBL0ZZ	Excision of Left Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KBL4ZZ	Excision of Left Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0KCK0ZZ	Extirpation of Matter from Right Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KCK3ZZ	Extirpation of Matter from Right Abdomen Muscle, Percutaneous Approach	Procedure	ICD-10-PCS
0KCK4ZZ	Extirpation of Matter from Right Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KCL0ZZ	Extirpation of Matter from Left Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KCL3ZZ	Extirpation of Matter from Left Abdomen Muscle, Percutaneous Approach	Procedure	ICD-10-PCS
0KCL4ZZ	Extirpation of Matter from Left Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KDK0ZZ	Extraction of Right Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KDL0ZZ	Extraction of Left Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KMK0ZZ	Reattachment of Right Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KMK4ZZ	Reattachment of Right Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KML0ZZ	Reattachment of Left Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KML4ZZ	Reattachment of Left Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KNK0ZZ	Release Right Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KNK3ZZ	Release Right Abdomen Muscle, Percutaneous Approach	Procedure	ICD-10-PCS
0KNK4ZZ	Release Right Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KNL0ZZ	Release Left Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KNL3ZZ	Release Left Abdomen Muscle, Percutaneous Approach	Procedure	ICD-10-PCS
0KNL4ZZ	Release Left Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KQK0ZZ	Repair Right Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KQK3ZZ	Repair Right Abdomen Muscle, Percutaneous Approach	Procedure	ICD-10-PCS
0KQK4ZZ	Repair Right Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KQL0ZZ	Repair Left Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KQL3ZZ	Repair Left Abdomen Muscle, Percutaneous Approach	Procedure	ICD-10-PCS
0KQL4ZZ	Repair Left Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KRK07Z	Replacement of Right Abdomen Muscle with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0KRK0JZ	Replacement of Right Abdomen Muscle with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0KRK0KZ	Replacement of Right Abdomen Muscle with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0KRK47Z	Replacement of Right Abdomen Muscle with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KRK4JZ	Replacement of Right Abdomen Muscle with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0KRK4KZ	Replacement of Right Abdomen Muscle with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KRL07Z	Replacement of Left Abdomen Muscle with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0KRL0JZ	Replacement of Left Abdomen Muscle with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0KRL0KZ	Replacement of Left Abdomen Muscle with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0KRL47Z	Replacement of Left Abdomen Muscle with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KRL4JZ	Replacement of Left Abdomen Muscle with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KRL4KZ	Replacement of Left Abdomen Muscle with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KSK0ZZ	Reposition Right Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KSK4ZZ	Reposition Right Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KSL0ZZ	Reposition Left Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KSL4ZZ	Reposition Left Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KTK0ZZ	Resection of Right Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KTK4ZZ	Resection of Right Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KTL0ZZ	Resection of Left Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KTL4ZZ	Resection of Left Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KUK07Z	Supplement Right Abdomen Muscle with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0KUK0JZ	Supplement Right Abdomen Muscle with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0KUK0KZ	Supplement Right Abdomen Muscle with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0KUK47Z	Supplement Right Abdomen Muscle with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KUK4JZ	Supplement Right Abdomen Muscle with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KUK4KZ	Supplement Right Abdomen Muscle with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KUL07Z	Supplement Left Abdomen Muscle with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0KUL0JZ	Supplement Left Abdomen Muscle with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0KUL0KZ	Supplement Left Abdomen Muscle with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0KUL47Z	Supplement Left Abdomen Muscle with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KUL4JZ	Supplement Left Abdomen Muscle with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KUL4KZ	Supplement Left Abdomen Muscle with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KXK0Z0	Transfer Right Abdomen Muscle with Skin, Open Approach	Procedure	ICD-10-PCS
0KXK0Z1	Transfer Right Abdomen Muscle with Subcutaneous Tissue, Open Approach	Procedure	ICD-10-PCS
0KXK0Z2	Transfer Right Abdomen Muscle with Skin and Subcutaneous Tissue, Open Approach	Procedure	ICD-10-PCS
0KXK0Z6	Transfer Right Abdomen Muscle, Transverse Rectus Abdominis Myocutaneous Flap, Open Approach	Procedure	ICD-10-PCS
0KXK0ZZ	Transfer Right Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KXK4Z0	Transfer Right Abdomen Muscle with Skin, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KXK4Z1	Transfer Right Abdomen Muscle with Subcutaneous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KXK4Z2	Transfer Right Abdomen Muscle with Skin and Subcutaneous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KXK4Z6	Transfer Right Abdomen Muscle, Transverse Rectus Abdominis Myocutaneous Flap, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KXK4ZZ	Transfer Right Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KXL0Z0	Transfer Left Abdomen Muscle with Skin, Open Approach	Procedure	ICD-10-PCS
0KXL0Z1	Transfer Left Abdomen Muscle with Subcutaneous Tissue, Open Approach	Procedure	ICD-10-PCS
0KXL0Z2	Transfer Left Abdomen Muscle with Skin and Subcutaneous Tissue, Open Approach	Procedure	ICD-10-PCS
0KXL0Z6	Transfer Left Abdomen Muscle, Transverse Rectus Abdominis Myocutaneous Flap, Open Approach	Procedure	ICD-10-PCS
0KXL0ZZ	Transfer Left Abdomen Muscle, Open Approach	Procedure	ICD-10-PCS
0KXL4Z0	Transfer Left Abdomen Muscle with Skin, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KXL4Z1	Transfer Left Abdomen Muscle with Subcutaneous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KXL4Z2	Transfer Left Abdomen Muscle with Skin and Subcutaneous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KXL4Z6	Transfer Left Abdomen Muscle, Transverse Rectus Abdominis Myocutaneous Flap, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0KXL4ZZ	Transfer Left Abdomen Muscle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0L5F0ZZ	Destruction of Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0L5F3ZZ	Destruction of Right Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0L5F4ZZ	Destruction of Right Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0L5G0ZZ	Destruction of Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0L5G3ZZ	Destruction of Left Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS
0L5G4ZZ	Destruction of Left Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0L8F0ZZ	Division of Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0L8F3ZZ	Division of Right Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS
0L8F4ZZ	Division of Right Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0L8G0ZZ	Division of Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0L8G3ZZ	Division of Left Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS
0L8G4ZZ	Division of Left Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0L9F00Z	Drainage of Right Abdomen Tendon with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0L9F0ZZ	Drainage of Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0L9F40Z	Drainage of Right Abdomen Tendon with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0L9F4ZZ	Drainage of Right Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0L9G00Z	Drainage of Left Abdomen Tendon with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0L9G0ZZ	Drainage of Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0L9G40Z	Drainage of Left Abdomen Tendon with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0L9G4ZZ	Drainage of Left Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LBF0ZZ	Excision of Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LBF3ZZ	Excision of Right Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS
0LBF4ZZ	Excision of Right Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LBG0ZZ	Excision of Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LBG3ZZ	Excision of Left Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS
0LBG4ZZ	Excision of Left Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LCF0ZZ	Extirpation of Matter from Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LCF3ZZ	Extirpation of Matter from Right Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS
0LCF4ZZ	Extirpation of Matter from Right Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LCG0ZZ	Extirpation of Matter from Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0LCG3ZZ	Extirpation of Matter from Left Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS
0LCG4ZZ	Extirpation of Matter from Left Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LDF0ZZ	Extraction of Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LDG0ZZ	Extraction of Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LMF0ZZ	Reattachment of Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LMF4ZZ	Reattachment of Right Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LMG0ZZ	Reattachment of Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LMG4ZZ	Reattachment of Left Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LNF0ZZ	Release Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LNF3ZZ	Release Right Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS
0LNF4ZZ	Release Right Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LNG0ZZ	Release Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LNG3ZZ	Release Left Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS
0LNG4ZZ	Release Left Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LQF0ZZ	Repair Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LQF3ZZ	Repair Right Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS
0LQF4ZZ	Repair Right Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LQG0ZZ	Repair Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LQG3ZZ	Repair Left Abdomen Tendon, Percutaneous Approach	Procedure	ICD-10-PCS
0LQG4ZZ	Repair Left Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LRF07Z	Replacement of Right Abdomen Tendon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0LRF0JZ	Replacement of Right Abdomen Tendon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0LRF0KZ	Replacement of Right Abdomen Tendon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0LRF47Z	Replacement of Right Abdomen Tendon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LRF4JZ	Replacement of Right Abdomen Tendon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LRF4KZ	Replacement of Right Abdomen Tendon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LRG07Z	Replacement of Left Abdomen Tendon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0LRG0JZ	Replacement of Left Abdomen Tendon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0LRG0KZ	Replacement of Left Abdomen Tendon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0LRG47Z	Replacement of Left Abdomen Tendon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LRG4JZ	Replacement of Left Abdomen Tendon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LRG4KZ	Replacement of Left Abdomen Tendon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LSF0ZZ	Reposition Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LSF4ZZ	Reposition Right Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LSG0ZZ	Reposition Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LSG4ZZ	Reposition Left Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LTF0ZZ	Resection of Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LTF4ZZ	Resection of Right Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LTG0ZZ	Resection of Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LTG4ZZ	Resection of Left Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LUF07Z	Supplement Right Abdomen Tendon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0LUF0JZ	Supplement Right Abdomen Tendon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0LUF0KZ	Supplement Right Abdomen Tendon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0LUF47Z	Supplement Right Abdomen Tendon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LUF4JZ	Supplement Right Abdomen Tendon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LUF4KZ	Supplement Right Abdomen Tendon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LUG07Z	Supplement Left Abdomen Tendon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0LUG0JZ	Supplement Left Abdomen Tendon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0LUG0KZ	Supplement Left Abdomen Tendon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0LUG47Z	Supplement Left Abdomen Tendon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LUG4JZ	Supplement Left Abdomen Tendon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LUG4KZ	Supplement Left Abdomen Tendon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0LXF0ZZ	Transfer Right Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LXF4ZZ	Transfer Right Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0LXG0ZZ	Transfer Left Abdomen Tendon, Open Approach	Procedure	ICD-10-PCS
0LXG4ZZ	Transfer Left Abdomen Tendon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0M5H0ZZ	Destruction of Right Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0M5H3ZZ	Destruction of Right Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0M5H4ZZ	Destruction of Right Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0M5J0ZZ	Destruction of Left Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0M5J3ZZ	Destruction of Left Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0M5J4ZZ	Destruction of Left Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0M8H0ZZ	Division of Right Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0M8H3ZZ	Division of Right Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0M8H4ZZ	Division of Right Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0M8J0ZZ	Division of Left Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0M8J3ZZ	Division of Left Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0M8J4ZZ	Division of Left Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0M9H00Z	Drainage of Right Abdomen Bursa and Ligament with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0M9H0ZZ	Drainage of Right Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0M9H40Z	Drainage of Right Abdomen Bursa and Ligament with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0M9H4ZZ	Drainage of Right Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0M9J00Z	Drainage of Left Abdomen Bursa and Ligament with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0M9J0ZZ	Drainage of Left Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0M9J40Z	Drainage of Left Abdomen Bursa and Ligament with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0M9J4ZZ	Drainage of Left Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MBH0ZZ	Excision of Right Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MBH3ZZ	Excision of Right Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0MBH4ZZ	Excision of Right Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MBJ0ZZ	Excision of Left Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MBJ3ZZ	Excision of Left Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0MBJ4ZZ	Excision of Left Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MCH0ZZ	Extirpation of Matter from Right Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MCH3ZZ	Extirpation of Matter from Right Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0MCH4ZZ	Extirpation of Matter from Right Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MCJ0ZZ	Extirpation of Matter from Left Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MCJ3ZZ	Extirpation of Matter from Left Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0MCJ4ZZ	Extirpation of Matter from Left Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MDH0ZZ	Extraction of Right Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MDH3ZZ	Extraction of Right Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0MDH4ZZ	Extraction of Right Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MDJ0ZZ	Extraction of Left Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MDJ3ZZ	Extraction of Left Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0MDJ4ZZ	Extraction of Left Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MMH0ZZ	Reattachment of Right Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MMH4ZZ	Reattachment of Right Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MMJ0ZZ	Reattachment of Left Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MMJ4ZZ	Reattachment of Left Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MNH0ZZ	Release Right Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MNH3ZZ	Release Right Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0MNH4ZZ	Release Right Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MNJ0ZZ	Release Left Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0MNJ3ZZ	Release Left Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0MNJ4ZZ	Release Left Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MQH0ZZ	Repair Right Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MQH3ZZ	Repair Right Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0MQH4ZZ	Repair Right Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MQJ0ZZ	Repair Left Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MQJ3ZZ	Repair Left Abdomen Bursa and Ligament, Percutaneous Approach	Procedure	ICD-10-PCS
0MQJ4ZZ	Repair Left Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MRH07Z	Replacement of Right Abdomen Bursa and Ligament with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0MRH0JZ	Replacement of Right Abdomen Bursa and Ligament with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0MRH0KZ	Replacement of Right Abdomen Bursa and Ligament with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0MRH47Z	Replacement of Right Abdomen Bursa and Ligament with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MRH4JZ	Replacement of Right Abdomen Bursa and Ligament with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MRH4KZ	Replacement of Right Abdomen Bursa and Ligament with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MRJ07Z	Replacement of Left Abdomen Bursa and Ligament with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0MRJ0JZ	Replacement of Left Abdomen Bursa and Ligament with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0MRJ0KZ	Replacement of Left Abdomen Bursa and Ligament with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0MRJ47Z	Replacement of Left Abdomen Bursa and Ligament with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MRJ4JZ	Replacement of Left Abdomen Bursa and Ligament with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MRJ4KZ	Replacement of Left Abdomen Bursa and Ligament with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MSH0ZZ	Reposition Right Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MSH4ZZ	Reposition Right Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MSJ0ZZ	Reposition Left Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0MSJ4ZZ	Reposition Left Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MUH07Z	Supplement Right Abdomen Bursa and Ligament with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0MUH0JZ	Supplement Right Abdomen Bursa and Ligament with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0MUH0KZ	Supplement Right Abdomen Bursa and Ligament with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0MUH47Z	Supplement Right Abdomen Bursa and Ligament with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MUH4JZ	Supplement Right Abdomen Bursa and Ligament with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MUH4KZ	Supplement Right Abdomen Bursa and Ligament with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MUJ07Z	Supplement Left Abdomen Bursa and Ligament with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0MUJ0JZ	Supplement Left Abdomen Bursa and Ligament with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0MUJ0KZ	Supplement Left Abdomen Bursa and Ligament with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0MUJ47Z	Supplement Left Abdomen Bursa and Ligament with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MUJ4JZ	Supplement Left Abdomen Bursa and Ligament with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MUJ4KZ	Supplement Left Abdomen Bursa and Ligament with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MXH0ZZ	Transfer Right Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MXH4ZZ	Transfer Right Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0MXJ0ZZ	Transfer Left Abdomen Bursa and Ligament, Open Approach	Procedure	ICD-10-PCS
0MXJ4ZZ	Transfer Left Abdomen Bursa and Ligament, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T13073	Bypass Right Kidney Pelvis to Right Kidney Pelvis with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T13074	Bypass Right Kidney Pelvis to Left Kidney Pelvis with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T13076	Bypass Right Kidney Pelvis to Right Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T13077	Bypass Right Kidney Pelvis to Left Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T13078	Bypass Right Kidney Pelvis to Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T13079	Bypass Right Kidney Pelvis to Colocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1307A	Bypass Right Kidney Pelvis to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1307B	Bypass Right Kidney Pelvis to Bladder with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1307C	Bypass Right Kidney Pelvis to Ileocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1307D	Bypass Right Kidney Pelvis to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T130J3	Bypass Right Kidney Pelvis to Right Kidney Pelvis with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T130J4	Bypass Right Kidney Pelvis to Left Kidney Pelvis with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T130J6	Bypass Right Kidney Pelvis to Right Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T130J7	Bypass Right Kidney Pelvis to Left Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T130J8	Bypass Right Kidney Pelvis to Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T130J9	Bypass Right Kidney Pelvis to Colocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T130JA	Bypass Right Kidney Pelvis to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T130JB	Bypass Right Kidney Pelvis to Bladder with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T130JC	Bypass Right Kidney Pelvis to Ileocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T130JD	Bypass Right Kidney Pelvis to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T130K3	Bypass Right Kidney Pelvis to Right Kidney Pelvis with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T130K4	Bypass Right Kidney Pelvis to Left Kidney Pelvis with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T130K6	Bypass Right Kidney Pelvis to Right Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T130K7	Bypass Right Kidney Pelvis to Left Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T130K8	Bypass Right Kidney Pelvis to Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T130K9	Bypass Right Kidney Pelvis to Colocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T130KA	Bypass Right Kidney Pelvis to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T130KB	Bypass Right Kidney Pelvis to Bladder with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T130KC	Bypass Right Kidney Pelvis to Ileocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T130KD	Bypass Right Kidney Pelvis to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T130Z3	Bypass Right Kidney Pelvis to Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0T130Z4	Bypass Right Kidney Pelvis to Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0T130Z6	Bypass Right Kidney Pelvis to Right Ureter, Open Approach	Procedure	ICD-10-PCS
0T130Z7	Bypass Right Kidney Pelvis to Left Ureter, Open Approach	Procedure	ICD-10-PCS
0T130Z8	Bypass Right Kidney Pelvis to Colon, Open Approach	Procedure	ICD-10-PCS
0T130Z9	Bypass Right Kidney Pelvis to Colocutaneous, Open Approach	Procedure	ICD-10-PCS
0T130ZA	Bypass Right Kidney Pelvis to Ileum, Open Approach	Procedure	ICD-10-PCS
0T130ZB	Bypass Right Kidney Pelvis to Bladder, Open Approach	Procedure	ICD-10-PCS
0T130ZC	Bypass Right Kidney Pelvis to Ileocutaneous, Open Approach	Procedure	ICD-10-PCS
0T130ZD	Bypass Right Kidney Pelvis to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0T133JD	Bypass Right Kidney Pelvis to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0T13473	Bypass Right Kidney Pelvis to Right Kidney Pelvis with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T13474	Bypass Right Kidney Pelvis to Left Kidney Pelvis with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T13476	Bypass Right Kidney Pelvis to Right Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T13477	Bypass Right Kidney Pelvis to Left Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T13478	Bypass Right Kidney Pelvis to Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T13479	Bypass Right Kidney Pelvis to Colocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1347A	Bypass Right Kidney Pelvis to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1347B	Bypass Right Kidney Pelvis to Bladder with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1347C	Bypass Right Kidney Pelvis to Ileocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1347D	Bypass Right Kidney Pelvis to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134J3	Bypass Right Kidney Pelvis to Right Kidney Pelvis with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134J4	Bypass Right Kidney Pelvis to Left Kidney Pelvis with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134J6	Bypass Right Kidney Pelvis to Right Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T134J7	Bypass Right Kidney Pelvis to Left Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134J8	Bypass Right Kidney Pelvis to Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134J9	Bypass Right Kidney Pelvis to Colocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134JA	Bypass Right Kidney Pelvis to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134JB	Bypass Right Kidney Pelvis to Bladder with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134JC	Bypass Right Kidney Pelvis to Ileocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134JD	Bypass Right Kidney Pelvis to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134K3	Bypass Right Kidney Pelvis to Right Kidney Pelvis with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134K4	Bypass Right Kidney Pelvis to Left Kidney Pelvis with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134K6	Bypass Right Kidney Pelvis to Right Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134K7	Bypass Right Kidney Pelvis to Left Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134K8	Bypass Right Kidney Pelvis to Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134K9	Bypass Right Kidney Pelvis to Colocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134KA	Bypass Right Kidney Pelvis to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134KB	Bypass Right Kidney Pelvis to Bladder with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134KC	Bypass Right Kidney Pelvis to Ileocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134KD	Bypass Right Kidney Pelvis to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134Z3	Bypass Right Kidney Pelvis to Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134Z4	Bypass Right Kidney Pelvis to Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134Z6	Bypass Right Kidney Pelvis to Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134Z7	Bypass Right Kidney Pelvis to Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T134Z8	Bypass Right Kidney Pelvis to Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134Z9	Bypass Right Kidney Pelvis to Colocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134ZA	Bypass Right Kidney Pelvis to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134ZB	Bypass Right Kidney Pelvis to Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134ZC	Bypass Right Kidney Pelvis to Ileocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T134ZD	Bypass Right Kidney Pelvis to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T14073	Bypass Left Kidney Pelvis to Right Kidney Pelvis with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T14074	Bypass Left Kidney Pelvis to Left Kidney Pelvis with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T14076	Bypass Left Kidney Pelvis to Right Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T14077	Bypass Left Kidney Pelvis to Left Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T14078	Bypass Left Kidney Pelvis to Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T14079	Bypass Left Kidney Pelvis to Colocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1407A	Bypass Left Kidney Pelvis to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1407B	Bypass Left Kidney Pelvis to Bladder with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1407C	Bypass Left Kidney Pelvis to Ileocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1407D	Bypass Left Kidney Pelvis to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T140J3	Bypass Left Kidney Pelvis to Right Kidney Pelvis with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T140J4	Bypass Left Kidney Pelvis to Left Kidney Pelvis with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T140J6	Bypass Left Kidney Pelvis to Right Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T140J7	Bypass Left Kidney Pelvis to Left Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T140J8	Bypass Left Kidney Pelvis to Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T140J9	Bypass Left Kidney Pelvis to Colocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T140JA	Bypass Left Kidney Pelvis to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T140JB	Bypass Left Kidney Pelvis to Bladder with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T140JC	Bypass Left Kidney Pelvis to Ileocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T140JD	Bypass Left Kidney Pelvis to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T140K3	Bypass Left Kidney Pelvis to Right Kidney Pelvis with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T140K4	Bypass Left Kidney Pelvis to Left Kidney Pelvis with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T140K6	Bypass Left Kidney Pelvis to Right Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T140K7	Bypass Left Kidney Pelvis to Left Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T140K8	Bypass Left Kidney Pelvis to Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T140K9	Bypass Left Kidney Pelvis to Colocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T140KA	Bypass Left Kidney Pelvis to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T140KB	Bypass Left Kidney Pelvis to Bladder with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T140KC	Bypass Left Kidney Pelvis to Ileocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T140KD	Bypass Left Kidney Pelvis to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T140Z3	Bypass Left Kidney Pelvis to Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0T140Z4	Bypass Left Kidney Pelvis to Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0T140Z6	Bypass Left Kidney Pelvis to Right Ureter, Open Approach	Procedure	ICD-10-PCS
0T140Z7	Bypass Left Kidney Pelvis to Left Ureter, Open Approach	Procedure	ICD-10-PCS
0T140Z8	Bypass Left Kidney Pelvis to Colon, Open Approach	Procedure	ICD-10-PCS
0T140Z9	Bypass Left Kidney Pelvis to Colocutaneous, Open Approach	Procedure	ICD-10-PCS
0T140ZA	Bypass Left Kidney Pelvis to Ileum, Open Approach	Procedure	ICD-10-PCS
0T140ZB	Bypass Left Kidney Pelvis to Bladder, Open Approach	Procedure	ICD-10-PCS
0T140ZC	Bypass Left Kidney Pelvis to Ileocutaneous, Open Approach	Procedure	ICD-10-PCS
0T140ZD	Bypass Left Kidney Pelvis to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0T143JD	Bypass Left Kidney Pelvis to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0T14473	Bypass Left Kidney Pelvis to Right Kidney Pelvis with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T14474	Bypass Left Kidney Pelvis to Left Kidney Pelvis with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T14476	Bypass Left Kidney Pelvis to Right Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T14477	Bypass Left Kidney Pelvis to Left Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T14478	Bypass Left Kidney Pelvis to Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T14479	Bypass Left Kidney Pelvis to Colocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1447A	Bypass Left Kidney Pelvis to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1447B	Bypass Left Kidney Pelvis to Bladder with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1447C	Bypass Left Kidney Pelvis to Ileocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1447D	Bypass Left Kidney Pelvis to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144J3	Bypass Left Kidney Pelvis to Right Kidney Pelvis with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144J4	Bypass Left Kidney Pelvis to Left Kidney Pelvis with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144J6	Bypass Left Kidney Pelvis to Right Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144J7	Bypass Left Kidney Pelvis to Left Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144J8	Bypass Left Kidney Pelvis to Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144J9	Bypass Left Kidney Pelvis to Colocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144JA	Bypass Left Kidney Pelvis to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144JB	Bypass Left Kidney Pelvis to Bladder with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144JC	Bypass Left Kidney Pelvis to Ileocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144JD	Bypass Left Kidney Pelvis to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144K3	Bypass Left Kidney Pelvis to Right Kidney Pelvis with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144K4	Bypass Left Kidney Pelvis to Left Kidney Pelvis with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144K6	Bypass Left Kidney Pelvis to Right Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T144K7	Bypass Left Kidney Pelvis to Left Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144K8	Bypass Left Kidney Pelvis to Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144K9	Bypass Left Kidney Pelvis to Colocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144KA	Bypass Left Kidney Pelvis to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144KB	Bypass Left Kidney Pelvis to Bladder with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144KC	Bypass Left Kidney Pelvis to Ileocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144KD	Bypass Left Kidney Pelvis to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144Z3	Bypass Left Kidney Pelvis to Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144Z4	Bypass Left Kidney Pelvis to Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144Z6	Bypass Left Kidney Pelvis to Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144Z7	Bypass Left Kidney Pelvis to Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144Z8	Bypass Left Kidney Pelvis to Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144Z9	Bypass Left Kidney Pelvis to Colocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144ZA	Bypass Left Kidney Pelvis to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144ZB	Bypass Left Kidney Pelvis to Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144ZC	Bypass Left Kidney Pelvis to Ileocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T144ZD	Bypass Left Kidney Pelvis to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T16076	Bypass Right Ureter to Right Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T16077	Bypass Right Ureter to Left Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T16078	Bypass Right Ureter to Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T16079	Bypass Right Ureter to Colocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1607A	Bypass Right Ureter to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T1607B	Bypass Right Ureter to Bladder with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1607C	Bypass Right Ureter to Ileocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1607D	Bypass Right Ureter to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T160J6	Bypass Right Ureter to Right Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T160J7	Bypass Right Ureter to Left Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T160J8	Bypass Right Ureter to Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T160J9	Bypass Right Ureter to Colocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T160JA	Bypass Right Ureter to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T160JB	Bypass Right Ureter to Bladder with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T160JC	Bypass Right Ureter to Ileocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T160JD	Bypass Right Ureter to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T160K6	Bypass Right Ureter to Right Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T160K7	Bypass Right Ureter to Left Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T160K8	Bypass Right Ureter to Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T160K9	Bypass Right Ureter to Colocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T160KA	Bypass Right Ureter to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T160KB	Bypass Right Ureter to Bladder with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T160KC	Bypass Right Ureter to Ileocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T160KD	Bypass Right Ureter to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T160Z6	Bypass Right Ureter to Right Ureter, Open Approach	Procedure	ICD-10-PCS
0T160Z7	Bypass Right Ureter to Left Ureter, Open Approach	Procedure	ICD-10-PCS
0T160Z8	Bypass Right Ureter to Colon, Open Approach	Procedure	ICD-10-PCS
0T160Z9	Bypass Right Ureter to Colocutaneous, Open Approach	Procedure	ICD-10-PCS
0T160ZA	Bypass Right Ureter to Ileum, Open Approach	Procedure	ICD-10-PCS
0T160ZB	Bypass Right Ureter to Bladder, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T160ZC	Bypass Right Ureter to Ileocutaneous, Open Approach	Procedure	ICD-10-PCS
0T160ZD	Bypass Right Ureter to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0T163JD	Bypass Right Ureter to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0T16476	Bypass Right Ureter to Right Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T16477	Bypass Right Ureter to Left Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T16478	Bypass Right Ureter to Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T16479	Bypass Right Ureter to Colocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1647A	Bypass Right Ureter to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1647B	Bypass Right Ureter to Bladder with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1647C	Bypass Right Ureter to Ileocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1647D	Bypass Right Ureter to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164J6	Bypass Right Ureter to Right Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164J7	Bypass Right Ureter to Left Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164J8	Bypass Right Ureter to Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164J9	Bypass Right Ureter to Colocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164JA	Bypass Right Ureter to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164JB	Bypass Right Ureter to Bladder with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164JC	Bypass Right Ureter to Ileocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164JD	Bypass Right Ureter to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164K6	Bypass Right Ureter to Right Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164K7	Bypass Right Ureter to Left Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164K8	Bypass Right Ureter to Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164K9	Bypass Right Ureter to Colocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T164KA	Bypass Right Ureter to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164KB	Bypass Right Ureter to Bladder with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164KC	Bypass Right Ureter to Ileocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164KD	Bypass Right Ureter to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164Z6	Bypass Right Ureter to Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164Z7	Bypass Right Ureter to Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164Z8	Bypass Right Ureter to Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164Z9	Bypass Right Ureter to Colocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164ZA	Bypass Right Ureter to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164ZB	Bypass Right Ureter to Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164ZC	Bypass Right Ureter to Ileocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T164ZD	Bypass Right Ureter to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T17076	Bypass Left Ureter to Right Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T17077	Bypass Left Ureter to Left Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T17078	Bypass Left Ureter to Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T17079	Bypass Left Ureter to Colocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1707A	Bypass Left Ureter to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1707B	Bypass Left Ureter to Bladder with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1707C	Bypass Left Ureter to Ileocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1707D	Bypass Left Ureter to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T170J6	Bypass Left Ureter to Right Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T170J7	Bypass Left Ureter to Left Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T170J8	Bypass Left Ureter to Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T170J9	Bypass Left Ureter to Colocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T170JA	Bypass Left Ureter to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T170JB	Bypass Left Ureter to Bladder with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T170JC	Bypass Left Ureter to Ileocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T170JD	Bypass Left Ureter to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T170K6	Bypass Left Ureter to Right Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T170K7	Bypass Left Ureter to Left Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T170K8	Bypass Left Ureter to Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T170K9	Bypass Left Ureter to Colocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T170KA	Bypass Left Ureter to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T170KB	Bypass Left Ureter to Bladder with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T170KC	Bypass Left Ureter to Ileocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T170KD	Bypass Left Ureter to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T170Z6	Bypass Left Ureter to Right Ureter, Open Approach	Procedure	ICD-10-PCS
0T170Z7	Bypass Left Ureter to Left Ureter, Open Approach	Procedure	ICD-10-PCS
0T170Z8	Bypass Left Ureter to Colon, Open Approach	Procedure	ICD-10-PCS
0T170Z9	Bypass Left Ureter to Colocutaneous, Open Approach	Procedure	ICD-10-PCS
0T170ZA	Bypass Left Ureter to Ileum, Open Approach	Procedure	ICD-10-PCS
0T170ZB	Bypass Left Ureter to Bladder, Open Approach	Procedure	ICD-10-PCS
0T170ZC	Bypass Left Ureter to Ileocutaneous, Open Approach	Procedure	ICD-10-PCS
0T170ZD	Bypass Left Ureter to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0T173JD	Bypass Left Ureter to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0T17476	Bypass Left Ureter to Right Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T17477	Bypass Left Ureter to Left Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T17478	Bypass Left Ureter to Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T17479	Bypass Left Ureter to Colocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T1747A	Bypass Left Ureter to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1747B	Bypass Left Ureter to Bladder with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1747C	Bypass Left Ureter to Ileocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1747D	Bypass Left Ureter to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174J6	Bypass Left Ureter to Right Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174J7	Bypass Left Ureter to Left Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174J8	Bypass Left Ureter to Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174J9	Bypass Left Ureter to Colocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174JA	Bypass Left Ureter to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174JB	Bypass Left Ureter to Bladder with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174JC	Bypass Left Ureter to Ileocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174JD	Bypass Left Ureter to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174K6	Bypass Left Ureter to Right Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174K7	Bypass Left Ureter to Left Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174K8	Bypass Left Ureter to Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174K9	Bypass Left Ureter to Colocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174KA	Bypass Left Ureter to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174KB	Bypass Left Ureter to Bladder with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174KC	Bypass Left Ureter to Ileocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174KD	Bypass Left Ureter to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174Z6	Bypass Left Ureter to Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174Z7	Bypass Left Ureter to Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T174Z8	Bypass Left Ureter to Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174Z9	Bypass Left Ureter to Colocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174ZA	Bypass Left Ureter to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174ZB	Bypass Left Ureter to Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174ZC	Bypass Left Ureter to Ileocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T174ZD	Bypass Left Ureter to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T18076	Bypass Bilateral Ureters to Right Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T18077	Bypass Bilateral Ureters to Left Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T18078	Bypass Bilateral Ureters to Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T18079	Bypass Bilateral Ureters to Colocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1807A	Bypass Bilateral Ureters to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1807B	Bypass Bilateral Ureters to Bladder with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1807C	Bypass Bilateral Ureters to Ileocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1807D	Bypass Bilateral Ureters to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T180J6	Bypass Bilateral Ureters to Right Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T180J7	Bypass Bilateral Ureters to Left Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T180J8	Bypass Bilateral Ureters to Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T180J9	Bypass Bilateral Ureters to Colocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T180JA	Bypass Bilateral Ureters to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T180JB	Bypass Bilateral Ureters to Bladder with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T180JC	Bypass Bilateral Ureters to Ileocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T180JD	Bypass Bilateral Ureters to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T180K6	Bypass Bilateral Ureters to Right Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T180K7	Bypass Bilateral Ureters to Left Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T180K8	Bypass Bilateral Ureters to Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T180K9	Bypass Bilateral Ureters to Colocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T180KA	Bypass Bilateral Ureters to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T180KB	Bypass Bilateral Ureters to Bladder with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T180KC	Bypass Bilateral Ureters to Ileocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T180KD	Bypass Bilateral Ureters to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T180Z6	Bypass Bilateral Ureters to Right Ureter, Open Approach	Procedure	ICD-10-PCS
0T180Z7	Bypass Bilateral Ureters to Left Ureter, Open Approach	Procedure	ICD-10-PCS
0T180Z8	Bypass Bilateral Ureters to Colon, Open Approach	Procedure	ICD-10-PCS
0T180Z9	Bypass Bilateral Ureters to Colocutaneous, Open Approach	Procedure	ICD-10-PCS
0T180ZA	Bypass Bilateral Ureters to Ileum, Open Approach	Procedure	ICD-10-PCS
0T180ZB	Bypass Bilateral Ureters to Bladder, Open Approach	Procedure	ICD-10-PCS
0T180ZC	Bypass Bilateral Ureters to Ileocutaneous, Open Approach	Procedure	ICD-10-PCS
0T180ZD	Bypass Bilateral Ureters to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0T183JD	Bypass Bilateral Ureters to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0T18476	Bypass Bilateral Ureters to Right Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T18477	Bypass Bilateral Ureters to Left Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T18478	Bypass Bilateral Ureters to Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T18479	Bypass Bilateral Ureters to Colocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1847A	Bypass Bilateral Ureters to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1847B	Bypass Bilateral Ureters to Bladder with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1847C	Bypass Bilateral Ureters to Ileocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1847D	Bypass Bilateral Ureters to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184J6	Bypass Bilateral Ureters to Right Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184J7	Bypass Bilateral Ureters to Left Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T184J8	Bypass Bilateral Ureters to Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184J9	Bypass Bilateral Ureters to Colocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184JA	Bypass Bilateral Ureters to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184JB	Bypass Bilateral Ureters to Bladder with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184JC	Bypass Bilateral Ureters to Ileocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184JD	Bypass Bilateral Ureters to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184K6	Bypass Bilateral Ureters to Right Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184K7	Bypass Bilateral Ureters to Left Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184K8	Bypass Bilateral Ureters to Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184K9	Bypass Bilateral Ureters to Colocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184KA	Bypass Bilateral Ureters to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184KB	Bypass Bilateral Ureters to Bladder with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184KC	Bypass Bilateral Ureters to Ileocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184KD	Bypass Bilateral Ureters to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184Z6	Bypass Bilateral Ureters to Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184Z7	Bypass Bilateral Ureters to Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184Z8	Bypass Bilateral Ureters to Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184Z9	Bypass Bilateral Ureters to Colocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184ZA	Bypass Bilateral Ureters to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184ZB	Bypass Bilateral Ureters to Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184ZC	Bypass Bilateral Ureters to Ileocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T184ZD	Bypass Bilateral Ureters to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T1B079	Bypass Bladder to Colocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1B07C	Bypass Bladder to Ileocutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1B07D	Bypass Bladder to Cutaneous with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1B0J9	Bypass Bladder to Colocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T1B0JC	Bypass Bladder to Ileocutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T1B0JD	Bypass Bladder to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0T1B0K9	Bypass Bladder to Colocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1B0KC	Bypass Bladder to Ileocutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1B0KD	Bypass Bladder to Cutaneous with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0T1B0Z9	Bypass Bladder to Colocutaneous, Open Approach	Procedure	ICD-10-PCS
0T1B0ZC	Bypass Bladder to Ileocutaneous, Open Approach	Procedure	ICD-10-PCS
0T1B0ZD	Bypass Bladder to Cutaneous, Open Approach	Procedure	ICD-10-PCS
0T1B3JD	Bypass Bladder to Cutaneous with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0T1B479	Bypass Bladder to Colocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1B47C	Bypass Bladder to Ileocutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1B47D	Bypass Bladder to Cutaneous with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1B4J9	Bypass Bladder to Colocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1B4JC	Bypass Bladder to Ileocutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1B4JD	Bypass Bladder to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1B4K9	Bypass Bladder to Colocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1B4KC	Bypass Bladder to Ileocutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1B4KD	Bypass Bladder to Cutaneous with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1B4Z9	Bypass Bladder to Colocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T1B4ZC	Bypass Bladder to Ileocutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T1B4ZD	Bypass Bladder to Cutaneous, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T500ZZ	Destruction of Right Kidney, Open Approach	Procedure	ICD-10-PCS
0T503ZZ	Destruction of Right Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0T504ZZ	Destruction of Right Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T507ZZ	Destruction of Right Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T508ZZ	Destruction of Right Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T510ZZ	Destruction of Left Kidney, Open Approach	Procedure	ICD-10-PCS
0T513ZZ	Destruction of Left Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0T514ZZ	Destruction of Left Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T517ZZ	Destruction of Left Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T518ZZ	Destruction of Left Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T530ZZ	Destruction of Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0T533ZZ	Destruction of Right Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0T534ZZ	Destruction of Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T537ZZ	Destruction of Right Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T538ZZ	Destruction of Right Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T540ZZ	Destruction of Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0T543ZZ	Destruction of Left Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0T544ZZ	Destruction of Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T547ZZ	Destruction of Left Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T548ZZ	Destruction of Left Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T560ZZ	Destruction of Right Ureter, Open Approach	Procedure	ICD-10-PCS
0T563ZZ	Destruction of Right Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0T564ZZ	Destruction of Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T567ZZ	Destruction of Right Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T568ZZ	Destruction of Right Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T570ZZ	Destruction of Left Ureter, Open Approach	Procedure	ICD-10-PCS
0T573ZZ	Destruction of Left Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0T574ZZ	Destruction of Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T577ZZ	Destruction of Left Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T578ZZ	Destruction of Left Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T5B0ZZ	Destruction of Bladder, Open Approach	Procedure	ICD-10-PCS
0T5B3ZZ	Destruction of Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0T5B4ZZ	Destruction of Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T5B7ZZ	Destruction of Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T5B8ZZ	Destruction of Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T5D0ZZ	Destruction of Urethra, Open Approach	Procedure	ICD-10-PCS
0T5D4ZZ	Destruction of Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T730DZ	Dilation of Right Kidney Pelvis with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0T730ZZ	Dilation of Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0T733DZ	Dilation of Right Kidney Pelvis with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0T733ZZ	Dilation of Right Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0T734DZ	Dilation of Right Kidney Pelvis with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T734ZZ	Dilation of Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T737DZ	Dilation of Right Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T737ZZ	Dilation of Right Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T738DZ	Dilation of Right Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T738ZZ	Dilation of Right Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T740DZ	Dilation of Left Kidney Pelvis with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0T740ZZ	Dilation of Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0T743DZ	Dilation of Left Kidney Pelvis with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0T743ZZ	Dilation of Left Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0T744DZ	Dilation of Left Kidney Pelvis with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T744ZZ	Dilation of Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T747DZ	Dilation of Left Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T747ZZ	Dilation of Left Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T748DZ	Dilation of Left Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T748ZZ	Dilation of Left Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T760DZ	Dilation of Right Ureter with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0T760ZZ	Dilation of Right Ureter, Open Approach	Procedure	ICD-10-PCS
0T763ZZ	Dilation of Right Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0T764DZ	Dilation of Right Ureter with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T764ZZ	Dilation of Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T770DZ	Dilation of Left Ureter with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T770ZZ	Dilation of Left Ureter, Open Approach	Procedure	ICD-10-PCS
0T773ZZ	Dilation of Left Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0T774DZ	Dilation of Left Ureter with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T774ZZ	Dilation of Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T780DZ	Dilation of Bilateral Ureters with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0T780ZZ	Dilation of Bilateral Ureters, Open Approach	Procedure	ICD-10-PCS
0T783ZZ	Dilation of Bilateral Ureters, Percutaneous Approach	Procedure	ICD-10-PCS
0T784DZ	Dilation of Bilateral Ureters with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T784ZZ	Dilation of Bilateral Ureters, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T7B0DZ	Dilation of Bladder with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0T7B0ZZ	Dilation of Bladder, Open Approach	Procedure	ICD-10-PCS
0T7B3DZ	Dilation of Bladder with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0T7B3ZZ	Dilation of Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0T7B4DZ	Dilation of Bladder with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T7B4ZZ	Dilation of Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T7D0DZ	Dilation of Urethra with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0T7D0ZZ	Dilation of Urethra, Open Approach	Procedure	ICD-10-PCS
0T7D3ZZ	Dilation of Urethra, Percutaneous Approach	Procedure	ICD-10-PCS
0T7D4DZ	Dilation of Urethra with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T7D4ZZ	Dilation of Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T820ZZ	Division of Bilateral Kidneys, Open Approach	Procedure	ICD-10-PCS
0T823ZZ	Division of Bilateral Kidneys, Percutaneous Approach	Procedure	ICD-10-PCS
0T824ZZ	Division of Bilateral Kidneys, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T9000Z	Drainage of Right Kidney with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0T900ZZ	Drainage of Right Kidney, Open Approach	Procedure	ICD-10-PCS
0T9040Z	Drainage of Right Kidney with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T904ZZ	Drainage of Right Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T9070Z	Drainage of Right Kidney with Drainage Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T907ZZ	Drainage of Right Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T9080Z	Drainage of Right Kidney with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T908ZZ	Drainage of Right Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T9100Z	Drainage of Left Kidney with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0T910ZZ	Drainage of Left Kidney, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T9140Z	Drainage of Left Kidney with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T914ZZ	Drainage of Left Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T9170Z	Drainage of Left Kidney with Drainage Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T917ZZ	Drainage of Left Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T9180Z	Drainage of Left Kidney with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T918ZZ	Drainage of Left Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T9300Z	Drainage of Right Kidney Pelvis with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0T930ZZ	Drainage of Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0T9340Z	Drainage of Right Kidney Pelvis with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T934ZZ	Drainage of Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T9370Z	Drainage of Right Kidney Pelvis with Drainage Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T937ZZ	Drainage of Right Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T9380Z	Drainage of Right Kidney Pelvis with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T938ZZ	Drainage of Right Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T9400Z	Drainage of Left Kidney Pelvis with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0T940ZZ	Drainage of Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0T9440Z	Drainage of Left Kidney Pelvis with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T944ZZ	Drainage of Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T9470Z	Drainage of Left Kidney Pelvis with Drainage Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T947ZZ	Drainage of Left Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T9480Z	Drainage of Left Kidney Pelvis with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T948ZZ	Drainage of Left Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T9600Z	Drainage of Right Ureter with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0T960ZZ	Drainage of Right Ureter, Open Approach	Procedure	ICD-10-PCS
0T9640Z	Drainage of Right Ureter with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T964ZZ	Drainage of Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T967ZZ	Drainage of Right Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0T968ZZ	Drainage of Right Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T9700Z	Drainage of Left Ureter with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0T970ZZ	Drainage of Left Ureter, Open Approach	Procedure	ICD-10-PCS
0T9740Z	Drainage of Left Ureter with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T974ZZ	Drainage of Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T977ZZ	Drainage of Left Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T978ZZ	Drainage of Left Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T9800Z	Drainage of Bilateral Ureters with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0T980ZZ	Drainage of Bilateral Ureters, Open Approach	Procedure	ICD-10-PCS
0T9840Z	Drainage of Bilateral Ureters with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T984ZZ	Drainage of Bilateral Ureters, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T987ZZ	Drainage of Bilateral Ureters, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0T988ZZ	Drainage of Bilateral Ureters, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0T9B00Z	Drainage of Bladder with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0T9B0ZZ	Drainage of Bladder, Open Approach	Procedure	ICD-10-PCS
0T9B40Z	Drainage of Bladder with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T9B4ZZ	Drainage of Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T9D00Z	Drainage of Urethra with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0T9D0ZZ	Drainage of Urethra, Open Approach	Procedure	ICD-10-PCS
0T9D40Z	Drainage of Urethra with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0T9D4ZZ	Drainage of Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TB00ZZ	Excision of Right Kidney, Open Approach	Procedure	ICD-10-PCS
0TB03ZZ	Excision of Right Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TB04ZZ	Excision of Right Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TB07ZZ	Excision of Right Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TB08ZZ	Excision of Right Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TB10ZZ	Excision of Left Kidney, Open Approach	Procedure	ICD-10-PCS
0TB13ZZ	Excision of Left Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TB14ZZ	Excision of Left Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TB17ZZ	Excision of Left Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TB18ZZ	Excision of Left Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TB30ZZ	Excision of Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TB33ZZ	Excision of Right Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TB34ZZ	Excision of Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TB37ZZ	Excision of Right Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TB38ZZ	Excision of Right Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TB40ZZ	Excision of Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TB43ZZ	Excision of Left Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TB44ZZ	Excision of Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TB47ZZ	Excision of Left Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TB48ZZ	Excision of Left Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TB60ZZ	Excision of Right Ureter, Open Approach	Procedure	ICD-10-PCS
0TB63ZZ	Excision of Right Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TB64ZZ	Excision of Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TB67ZZ	Excision of Right Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TB68ZZ	Excision of Right Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TB70ZZ	Excision of Left Ureter, Open Approach	Procedure	ICD-10-PCS
0TB73ZZ	Excision of Left Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TB74ZZ	Excision of Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TB77ZZ	Excision of Left Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TB78ZZ	Excision of Left Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TBB0ZZ	Excision of Bladder, Open Approach	Procedure	ICD-10-PCS
0TBB3ZZ	Excision of Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TBB4ZZ	Excision of Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TBB7ZZ	Excision of Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TBB8ZZ	Excision of Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TBD0ZZ	Excision of Urethra, Open Approach	Procedure	ICD-10-PCS
0TBD3ZZ	Excision of Urethra, Percutaneous Approach	Procedure	ICD-10-PCS
0TBD4ZZ	Excision of Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TC00ZZ	Extirpation of Matter from Right Kidney, Open Approach	Procedure	ICD-10-PCS
0TC03ZZ	Extirpation of Matter from Right Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TC04ZZ	Extirpation of Matter from Right Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TC10ZZ	Extirpation of Matter from Left Kidney, Open Approach	Procedure	ICD-10-PCS
0TC13ZZ	Extirpation of Matter from Left Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TC14ZZ	Extirpation of Matter from Left Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TC30ZZ	Extirpation of Matter from Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TC33ZZ	Extirpation of Matter from Right Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TC34ZZ	Extirpation of Matter from Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TC40ZZ	Extirpation of Matter from Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TC43ZZ	Extirpation of Matter from Left Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TC44ZZ	Extirpation of Matter from Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TC60ZZ	Extirpation of Matter from Right Ureter, Open Approach	Procedure	ICD-10-PCS
0TC63ZZ	Extirpation of Matter from Right Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TC64ZZ	Extirpation of Matter from Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TC70ZZ	Extirpation of Matter from Left Ureter, Open Approach	Procedure	ICD-10-PCS
0TC73ZZ	Extirpation of Matter from Left Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TC74ZZ	Extirpation of Matter from Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TCB0ZZ	Extirpation of Matter from Bladder, Open Approach	Procedure	ICD-10-PCS
0TCB3ZZ	Extirpation of Matter from Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TCB4ZZ	Extirpation of Matter from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TCD0ZZ	Extirpation of Matter from Urethra, Open Approach	Procedure	ICD-10-PCS
0TCD3ZZ	Extirpation of Matter from Urethra, Percutaneous Approach	Procedure	ICD-10-PCS
0TCD4ZZ	Extirpation of Matter from Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TD00ZZ	Extraction of Right Kidney, Open Approach	Procedure	ICD-10-PCS
0TD03ZZ	Extraction of Right Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TD04ZZ	Extraction of Right Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TD10ZZ	Extraction of Left Kidney, Open Approach	Procedure	ICD-10-PCS
0TD13ZZ	Extraction of Left Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TD14ZZ	Extraction of Left Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TF30ZZ	Fragmentation in Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TF33ZZ	Fragmentation in Right Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TF34ZZ	Fragmentation in Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TF40ZZ	Fragmentation in Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TF43ZZ	Fragmentation in Left Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TF44ZZ	Fragmentation in Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TF60ZZ	Fragmentation in Right Ureter, Open Approach	Procedure	ICD-10-PCS
0TF64ZZ	Fragmentation in Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TF70ZZ	Fragmentation in Left Ureter, Open Approach	Procedure	ICD-10-PCS
0TF74ZZ	Fragmentation in Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TFB0ZZ	Fragmentation in Bladder, Open Approach	Procedure	ICD-10-PCS
0TFB4ZZ	Fragmentation in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TFD0ZZ	Fragmentation in Urethra, Open Approach	Procedure	ICD-10-PCS
0TFD4ZZ	Fragmentation in Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TH501Z	Insertion of Radioactive Element into Kidney, Open Approach	Procedure	ICD-10-PCS
0TH503Z	Insertion of Infusion Device into Kidney, Open Approach	Procedure	ICD-10-PCS
0TH50YZ	Insertion of Other Device into Kidney, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TH541Z	Insertion of Radioactive Element into Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TH543Z	Insertion of Infusion Device into Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TH54YZ	Insertion of Other Device into Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TH58YZ	Insertion of Other Device into Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TH901Z	Insertion of Radioactive Element into Ureter, Open Approach	Procedure	ICD-10-PCS
0TH903Z	Insertion of Infusion Device into Ureter, Open Approach	Procedure	ICD-10-PCS
0TH90MZ	Insertion of Stimulator Lead into Ureter, Open Approach	Procedure	ICD-10-PCS
0TH90YZ	Insertion of Other Device into Ureter, Open Approach	Procedure	ICD-10-PCS
0TH93MZ	Insertion of Stimulator Lead into Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TH941Z	Insertion of Radioactive Element into Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TH943Z	Insertion of Infusion Device into Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TH94MZ	Insertion of Stimulator Lead into Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TH94YZ	Insertion of Other Device into Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TH97MZ	Insertion of Stimulator Lead into Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TH98MZ	Insertion of Stimulator Lead into Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TH98YZ	Insertion of Other Device into Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0THB01Z	Insertion of Radioactive Element into Bladder, Open Approach	Procedure	ICD-10-PCS
0THB03Z	Insertion of Infusion Device into Bladder, Open Approach	Procedure	ICD-10-PCS
0THB0LZ	Insertion of Artificial Sphincter into Bladder, Open Approach	Procedure	ICD-10-PCS
0THB0MZ	Insertion of Stimulator Lead into Bladder, Open Approach	Procedure	ICD-10-PCS
0THB0YZ	Insertion of Other Device into Bladder, Open Approach	Procedure	ICD-10-PCS
0THB3LZ	Insertion of Artificial Sphincter into Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0THB3MZ	Insertion of Stimulator Lead into Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0THB41Z	Insertion of Radioactive Element into Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0THB43Z	Insertion of Infusion Device into Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0THB4LZ	Insertion of Artificial Sphincter into Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0THB4MZ	Insertion of Stimulator Lead into Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0THB4YZ	Insertion of Other Device into Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0THB7LZ	Insertion of Artificial Sphincter into Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0THB7MZ	Insertion of Stimulator Lead into Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0THB8LZ	Insertion of Artificial Sphincter into Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0THB8MZ	Insertion of Stimulator Lead into Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0THB8YZ	Insertion of Other Device into Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0THD01Z	Insertion of Radioactive Element into Urethra, Open Approach	Procedure	ICD-10-PCS
0THD03Z	Insertion of Infusion Device into Urethra, Open Approach	Procedure	ICD-10-PCS
0THD0LZ	Insertion of Artificial Sphincter into Urethra, Open Approach	Procedure	ICD-10-PCS
0THD0YZ	Insertion of Other Device into Urethra, Open Approach	Procedure	ICD-10-PCS
0THD3LZ	Insertion of Artificial Sphincter into Urethra, Percutaneous Approach	Procedure	ICD-10-PCS
0THD41Z	Insertion of Radioactive Element into Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0THD43Z	Insertion of Infusion Device into Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0THD4LZ	Insertion of Artificial Sphincter into Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0THD4YZ	Insertion of Other Device into Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0THD7LZ	Insertion of Artificial Sphincter into Urethra, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0THD8LZ	Insertion of Artificial Sphincter into Urethra, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0THDXLZ	Insertion of Artificial Sphincter into Urethra, External Approach	Procedure	ICD-10-PCS
0TL30CZ	Occlusion of Right Kidney Pelvis with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TL30DZ	Occlusion of Right Kidney Pelvis with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TL30ZZ	Occlusion of Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TL33CZ	Occlusion of Right Kidney Pelvis with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TL33DZ	Occlusion of Right Kidney Pelvis with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TL33ZZ	Occlusion of Right Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TL34CZ	Occlusion of Right Kidney Pelvis with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TL34DZ	Occlusion of Right Kidney Pelvis with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TL34ZZ	Occlusion of Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TL37DZ	Occlusion of Right Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TL37ZZ	Occlusion of Right Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TL38DZ	Occlusion of Right Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TL38ZZ	Occlusion of Right Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TL40CZ	Occlusion of Left Kidney Pelvis with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TL40DZ	Occlusion of Left Kidney Pelvis with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TL40ZZ	Occlusion of Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TL43CZ	Occlusion of Left Kidney Pelvis with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TL43DZ	Occlusion of Left Kidney Pelvis with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TL43ZZ	Occlusion of Left Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TL44CZ	Occlusion of Left Kidney Pelvis with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TL44DZ	Occlusion of Left Kidney Pelvis with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TL44ZZ	Occlusion of Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TL47DZ	Occlusion of Left Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TL47ZZ	Occlusion of Left Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TL48DZ	Occlusion of Left Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TL48ZZ	Occlusion of Left Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TL60CZ	Occlusion of Right Ureter with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TL60DZ	Occlusion of Right Ureter with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TL60ZZ	Occlusion of Right Ureter, Open Approach	Procedure	ICD-10-PCS
0TL63CZ	Occlusion of Right Ureter with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TL63DZ	Occlusion of Right Ureter with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TL63ZZ	Occlusion of Right Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TL64CZ	Occlusion of Right Ureter with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TL64DZ	Occlusion of Right Ureter with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TL64ZZ	Occlusion of Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TL67DZ	Occlusion of Right Ureter with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TL67ZZ	Occlusion of Right Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TL68DZ	Occlusion of Right Ureter with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TL68ZZ	Occlusion of Right Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TL70CZ	Occlusion of Left Ureter with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TL70DZ	Occlusion of Left Ureter with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TL70ZZ	Occlusion of Left Ureter, Open Approach	Procedure	ICD-10-PCS
0TL73CZ	Occlusion of Left Ureter with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TL73DZ	Occlusion of Left Ureter with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TL73ZZ	Occlusion of Left Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TL74CZ	Occlusion of Left Ureter with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TL74DZ	Occlusion of Left Ureter with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TL74ZZ	Occlusion of Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TL77DZ	Occlusion of Left Ureter with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TL77ZZ	Occlusion of Left Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TL78DZ	Occlusion of Left Ureter with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TL78ZZ	Occlusion of Left Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TLB0CZ	Occlusion of Bladder with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TLB0DZ	Occlusion of Bladder with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TLB0ZZ	Occlusion of Bladder, Open Approach	Procedure	ICD-10-PCS
0TLB3CZ	Occlusion of Bladder with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TLB3DZ	Occlusion of Bladder with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TLB3ZZ	Occlusion of Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TLB4CZ	Occlusion of Bladder with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TLB4DZ	Occlusion of Bladder with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TLB4ZZ	Occlusion of Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TLB7DZ	Occlusion of Bladder with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TLB7ZZ	Occlusion of Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TLB8DZ	Occlusion of Bladder with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TLB8ZZ	Occlusion of Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TLD0CZ	Occlusion of Urethra with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TLD0DZ	Occlusion of Urethra with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TLD0ZZ	Occlusion of Urethra, Open Approach	Procedure	ICD-10-PCS
0TLD3CZ	Occlusion of Urethra with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TLD3DZ	Occlusion of Urethra with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TLD3ZZ	Occlusion of Urethra, Percutaneous Approach	Procedure	ICD-10-PCS
0TLD4CZ	Occlusion of Urethra with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TLD4DZ	Occlusion of Urethra with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TLD4ZZ	Occlusion of Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TLD7DZ	Occlusion of Urethra with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TLD7ZZ	Occlusion of Urethra, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TLD8DZ	Occlusion of Urethra with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TLD8ZZ	Occlusion of Urethra, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TLDXCZ	Occlusion of Urethra with Extraluminal Device, External Approach	Procedure	ICD-10-PCS
0TLDXDZ	Occlusion of Urethra with Intraluminal Device, External Approach	Procedure	ICD-10-PCS
0TLDXZZ	Occlusion of Urethra, External Approach	Procedure	ICD-10-PCS
0TM00ZZ	Reattachment of Right Kidney, Open Approach	Procedure	ICD-10-PCS
0TM04ZZ	Reattachment of Right Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TM10ZZ	Reattachment of Left Kidney, Open Approach	Procedure	ICD-10-PCS
0TM14ZZ	Reattachment of Left Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TM20ZZ	Reattachment of Bilateral Kidneys, Open Approach	Procedure	ICD-10-PCS
0TM24ZZ	Reattachment of Bilateral Kidneys, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TM30ZZ	Reattachment of Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TM34ZZ	Reattachment of Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TM40ZZ	Reattachment of Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TM44ZZ	Reattachment of Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TM60ZZ	Reattachment of Right Ureter, Open Approach	Procedure	ICD-10-PCS
0TM64ZZ	Reattachment of Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TM70ZZ	Reattachment of Left Ureter, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TM74ZZ	Reattachment of Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TM80ZZ	Reattachment of Bilateral Ureters, Open Approach	Procedure	ICD-10-PCS
0TM84ZZ	Reattachment of Bilateral Ureters, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TMB0ZZ	Reattachment of Bladder, Open Approach	Procedure	ICD-10-PCS
0TMB4ZZ	Reattachment of Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TMD0ZZ	Reattachment of Urethra, Open Approach	Procedure	ICD-10-PCS
0TMD4ZZ	Reattachment of Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TN00ZZ	Release Right Kidney, Open Approach	Procedure	ICD-10-PCS
0TN03ZZ	Release Right Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TN04ZZ	Release Right Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TN07ZZ	Release Right Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TN08ZZ	Release Right Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TN10ZZ	Release Left Kidney, Open Approach	Procedure	ICD-10-PCS
0TN13ZZ	Release Left Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TN14ZZ	Release Left Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TN17ZZ	Release Left Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TN18ZZ	Release Left Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TN30ZZ	Release Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TN33ZZ	Release Right Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TN34ZZ	Release Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TN37ZZ	Release Right Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TN38ZZ	Release Right Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TN40ZZ	Release Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TN43ZZ	Release Left Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TN44ZZ	Release Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TN47ZZ	Release Left Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TN48ZZ	Release Left Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TN60ZZ	Release Right Ureter, Open Approach	Procedure	ICD-10-PCS
0TN63ZZ	Release Right Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TN64ZZ	Release Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TN67ZZ	Release Right Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TN68ZZ	Release Right Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TN70ZZ	Release Left Ureter, Open Approach	Procedure	ICD-10-PCS
0TN73ZZ	Release Left Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TN74ZZ	Release Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TN77ZZ	Release Left Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TN78ZZ	Release Left Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TNB0ZZ	Release Bladder, Open Approach	Procedure	ICD-10-PCS
0TNB3ZZ	Release Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TNB4ZZ	Release Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TNB7ZZ	Release Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TNB8ZZ	Release Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TND0ZZ	Release Urethra, Open Approach	Procedure	ICD-10-PCS
0TND3ZZ	Release Urethra, Percutaneous Approach	Procedure	ICD-10-PCS
0TND4ZZ	Release Urethra, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TND7ZZ	Release Urethra, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TND8ZZ	Release Urethra, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TNDXZZ	Release Urethra, External Approach	Procedure	ICD-10-PCS
0TP500Z	Removal of Drainage Device from Kidney, Open Approach	Procedure	ICD-10-PCS
0TP502Z	Removal of Monitoring Device from Kidney, Open Approach	Procedure	ICD-10-PCS
0TP503Z	Removal of Infusion Device from Kidney, Open Approach	Procedure	ICD-10-PCS
0TP507Z	Removal of Autologous Tissue Substitute from Kidney, Open Approach	Procedure	ICD-10-PCS
0TP50CZ	Removal of Extraluminal Device from Kidney, Open Approach	Procedure	ICD-10-PCS
0TP50DZ	Removal of Intraluminal Device from Kidney, Open Approach	Procedure	ICD-10-PCS
0TP50JZ	Removal of Synthetic Substitute from Kidney, Open Approach	Procedure	ICD-10-PCS
0TP50KZ	Removal of Nonautologous Tissue Substitute from Kidney, Open Approach	Procedure	ICD-10-PCS
0TP50YZ	Removal of Other Device from Kidney, Open Approach	Procedure	ICD-10-PCS
0TP530Z	Removal of Drainage Device from Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TP532Z	Removal of Monitoring Device from Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TP533Z	Removal of Infusion Device from Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TP537Z	Removal of Autologous Tissue Substitute from Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TP53CZ	Removal of Extraluminal Device from Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TP53DZ	Removal of Intraluminal Device from Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TP53JZ	Removal of Synthetic Substitute from Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TP53KZ	Removal of Nonautologous Tissue Substitute from Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TP540Z	Removal of Drainage Device from Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP542Z	Removal of Monitoring Device from Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP543Z	Removal of Infusion Device from Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP547Z	Removal of Autologous Tissue Substitute from Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP54CZ	Removal of Extraluminal Device from Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP54DZ	Removal of Intraluminal Device from Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TP54JZ	Removal of Synthetic Substitute from Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP54KZ	Removal of Nonautologous Tissue Substitute from Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP54YZ	Removal of Other Device from Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP577Z	Removal of Autologous Tissue Substitute from Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TP57CZ	Removal of Extraluminal Device from Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TP57JZ	Removal of Synthetic Substitute from Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TP57KZ	Removal of Nonautologous Tissue Substitute from Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TP587Z	Removal of Autologous Tissue Substitute from Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TP58CZ	Removal of Extraluminal Device from Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TP58JZ	Removal of Synthetic Substitute from Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TP58KZ	Removal of Nonautologous Tissue Substitute from Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TP58YZ	Removal of Other Device from Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TP900Z	Removal of Drainage Device from Ureter, Open Approach	Procedure	ICD-10-PCS
0TP902Z	Removal of Monitoring Device from Ureter, Open Approach	Procedure	ICD-10-PCS
0TP903Z	Removal of Infusion Device from Ureter, Open Approach	Procedure	ICD-10-PCS
0TP907Z	Removal of Autologous Tissue Substitute from Ureter, Open Approach	Procedure	ICD-10-PCS
0TP90CZ	Removal of Extraluminal Device from Ureter, Open Approach	Procedure	ICD-10-PCS
0TP90DZ	Removal of Intraluminal Device from Ureter, Open Approach	Procedure	ICD-10-PCS
0TP90JZ	Removal of Synthetic Substitute from Ureter, Open Approach	Procedure	ICD-10-PCS
0TP90KZ	Removal of Nonautologous Tissue Substitute from Ureter, Open Approach	Procedure	ICD-10-PCS
0TP90MZ	Removal of Stimulator Lead from Ureter, Open Approach	Procedure	ICD-10-PCS
0TP90YZ	Removal of Other Device from Ureter, Open Approach	Procedure	ICD-10-PCS
0TP930Z	Removal of Drainage Device from Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TP932Z	Removal of Monitoring Device from Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TP933Z	Removal of Infusion Device from Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TP937Z	Removal of Autologous Tissue Substitute from Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TP93CZ	Removal of Extraluminal Device from Ureter, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TP93DZ	Removal of Intraluminal Device from Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TP93JZ	Removal of Synthetic Substitute from Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TP93KZ	Removal of Nonautologous Tissue Substitute from Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TP93MZ	Removal of Stimulator Lead from Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TP940Z	Removal of Drainage Device from Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP942Z	Removal of Monitoring Device from Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP943Z	Removal of Infusion Device from Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP947Z	Removal of Autologous Tissue Substitute from Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP94CZ	Removal of Extraluminal Device from Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP94DZ	Removal of Intraluminal Device from Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP94JZ	Removal of Synthetic Substitute from Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP94KZ	Removal of Nonautologous Tissue Substitute from Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP94MZ	Removal of Stimulator Lead from Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP94YZ	Removal of Other Device from Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TP977Z	Removal of Autologous Tissue Substitute from Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TP97CZ	Removal of Extraluminal Device from Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TP97JZ	Removal of Synthetic Substitute from Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TP97KZ	Removal of Nonautologous Tissue Substitute from Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TP97MZ	Removal of Stimulator Lead from Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TP987Z	Removal of Autologous Tissue Substitute from Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TP98CZ	Removal of Extraluminal Device from Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TP98JZ	Removal of Synthetic Substitute from Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TP98KZ	Removal of Nonautologous Tissue Substitute from Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TP98MZ	Removal of Stimulator Lead from Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TP98YZ	Removal of Other Device from Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TP9XMZ	Removal of Stimulator Lead from Ureter, External Approach	Procedure	ICD-10-PCS
0TPB00Z	Removal of Drainage Device from Bladder, Open Approach	Procedure	ICD-10-PCS
0TPB02Z	Removal of Monitoring Device from Bladder, Open Approach	Procedure	ICD-10-PCS
0TPB03Z	Removal of Infusion Device from Bladder, Open Approach	Procedure	ICD-10-PCS
0TPB07Z	Removal of Autologous Tissue Substitute from Bladder, Open Approach	Procedure	ICD-10-PCS
0TPB0CZ	Removal of Extraluminal Device from Bladder, Open Approach	Procedure	ICD-10-PCS
0TPB0DZ	Removal of Intraluminal Device from Bladder, Open Approach	Procedure	ICD-10-PCS
0TPB0JZ	Removal of Synthetic Substitute from Bladder, Open Approach	Procedure	ICD-10-PCS
0TPB0KZ	Removal of Nonautologous Tissue Substitute from Bladder, Open Approach	Procedure	ICD-10-PCS
0TPB0LZ	Removal of Artificial Sphincter from Bladder, Open Approach	Procedure	ICD-10-PCS
0TPB0MZ	Removal of Stimulator Lead from Bladder, Open Approach	Procedure	ICD-10-PCS
0TPB0YZ	Removal of Other Device from Bladder, Open Approach	Procedure	ICD-10-PCS
0TPB30Z	Removal of Drainage Device from Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TPB32Z	Removal of Monitoring Device from Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TPB33Z	Removal of Infusion Device from Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TPB37Z	Removal of Autologous Tissue Substitute from Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TPB3CZ	Removal of Extraluminal Device from Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TPB3DZ	Removal of Intraluminal Device from Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TPB3JZ	Removal of Synthetic Substitute from Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TPB3KZ	Removal of Nonautologous Tissue Substitute from Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TPB3LZ	Removal of Artificial Sphincter from Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TPB3MZ	Removal of Stimulator Lead from Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TPB40Z	Removal of Drainage Device from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TPB42Z	Removal of Monitoring Device from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TPB43Z	Removal of Infusion Device from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TPB47Z	Removal of Autologous Tissue Substitute from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TPB4CZ	Removal of Extraluminal Device from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TPB4DZ	Removal of Intraluminal Device from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TPB4JZ	Removal of Synthetic Substitute from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TPB4KZ	Removal of Nonautologous Tissue Substitute from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TPB4LZ	Removal of Artificial Sphincter from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TPB4MZ	Removal of Stimulator Lead from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TPB4YZ	Removal of Other Device from Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TPB77Z	Removal of Autologous Tissue Substitute from Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TPB7CZ	Removal of Extraluminal Device from Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TPB7JZ	Removal of Synthetic Substitute from Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TPB7KZ	Removal of Nonautologous Tissue Substitute from Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TPB7LZ	Removal of Artificial Sphincter from Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TPB7MZ	Removal of Stimulator Lead from Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TPB87Z	Removal of Autologous Tissue Substitute from Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TPB8CZ	Removal of Extraluminal Device from Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TPB8JZ	Removal of Synthetic Substitute from Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TPB8KZ	Removal of Nonautologous Tissue Substitute from Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TPB8LZ	Removal of Artificial Sphincter from Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TPB8MZ	Removal of Stimulator Lead from Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TPB8YZ	Removal of Other Device from Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TPBXMZ	Removal of Stimulator Lead from Bladder, External Approach	Procedure	ICD-10-PCS
0TQ00ZZ	Repair Right Kidney, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TQ03ZZ	Repair Right Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TQ04ZZ	Repair Right Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TQ07ZZ	Repair Right Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TQ08ZZ	Repair Right Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TQ10ZZ	Repair Left Kidney, Open Approach	Procedure	ICD-10-PCS
0TQ13ZZ	Repair Left Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TQ14ZZ	Repair Left Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TQ17ZZ	Repair Left Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TQ18ZZ	Repair Left Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TQ30ZZ	Repair Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TQ33ZZ	Repair Right Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TQ34ZZ	Repair Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TQ37ZZ	Repair Right Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TQ38ZZ	Repair Right Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TQ40ZZ	Repair Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TQ43ZZ	Repair Left Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TQ44ZZ	Repair Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TQ47ZZ	Repair Left Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TQ48ZZ	Repair Left Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TQ60ZZ	Repair Right Ureter, Open Approach	Procedure	ICD-10-PCS
0TQ63ZZ	Repair Right Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TQ64ZZ	Repair Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TQ67ZZ	Repair Right Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TQ68ZZ	Repair Right Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TQ70ZZ	Repair Left Ureter, Open Approach	Procedure	ICD-10-PCS
0TQ73ZZ	Repair Left Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TQ74ZZ	Repair Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TQ77ZZ	Repair Left Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TQ78ZZ	Repair Left Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TQB0ZZ	Repair Bladder, Open Approach	Procedure	ICD-10-PCS
0TQB3ZZ	Repair Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TQB4ZZ	Repair Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TQB7ZZ	Repair Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TQB8ZZ	Repair Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR307Z	Replacement of Right Kidney Pelvis with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TR30JZ	Replacement of Right Kidney Pelvis with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0TR30KZ	Replacement of Right Kidney Pelvis with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TR347Z	Replacement of Right Kidney Pelvis with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TR34JZ	Replacement of Right Kidney Pelvis with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TR34KZ	Replacement of Right Kidney Pelvis with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TR377Z	Replacement of Right Kidney Pelvis with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR37JZ	Replacement of Right Kidney Pelvis with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR37KZ	Replacement of Right Kidney Pelvis with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR387Z	Replacement of Right Kidney Pelvis with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR38JZ	Replacement of Right Kidney Pelvis with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR38KZ	Replacement of Right Kidney Pelvis with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR407Z	Replacement of Left Kidney Pelvis with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TR40JZ	Replacement of Left Kidney Pelvis with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0TR40KZ	Replacement of Left Kidney Pelvis with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TR447Z	Replacement of Left Kidney Pelvis with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TR44JZ	Replacement of Left Kidney Pelvis with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TR44KZ	Replacement of Left Kidney Pelvis with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TR477Z	Replacement of Left Kidney Pelvis with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR47JZ	Replacement of Left Kidney Pelvis with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR47KZ	Replacement of Left Kidney Pelvis with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR487Z	Replacement of Left Kidney Pelvis with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR48JZ	Replacement of Left Kidney Pelvis with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR48KZ	Replacement of Left Kidney Pelvis with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR607Z	Replacement of Right Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TR60JZ	Replacement of Right Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TR60KZ	Replacement of Right Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TR647Z	Replacement of Right Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TR64JZ	Replacement of Right Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TR64KZ	Replacement of Right Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TR677Z	Replacement of Right Ureter with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR67JZ	Replacement of Right Ureter with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR67KZ	Replacement of Right Ureter with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR687Z	Replacement of Right Ureter with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR68JZ	Replacement of Right Ureter with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR68KZ	Replacement of Right Ureter with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR707Z	Replacement of Left Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TR70JZ	Replacement of Left Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0TR70KZ	Replacement of Left Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TR747Z	Replacement of Left Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TR74JZ	Replacement of Left Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TR74KZ	Replacement of Left Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TR777Z	Replacement of Left Ureter with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR77JZ	Replacement of Left Ureter with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR77KZ	Replacement of Left Ureter with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TR787Z	Replacement of Left Ureter with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR78JZ	Replacement of Left Ureter with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TR78KZ	Replacement of Left Ureter with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TRB07Z	Replacement of Bladder with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TRB0JZ	Replacement of Bladder with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0TRB0KZ	Replacement of Bladder with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TRB47Z	Replacement of Bladder with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TRB4JZ	Replacement of Bladder with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TRB4KZ	Replacement of Bladder with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TRB77Z	Replacement of Bladder with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TRB7JZ	Replacement of Bladder with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TRB7KZ	Replacement of Bladder with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TRB87Z	Replacement of Bladder with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TRB8JZ	Replacement of Bladder with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TRB8KZ	Replacement of Bladder with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TS00ZZ	Reposition Right Kidney, Open Approach	Procedure	ICD-10-PCS
0TS04ZZ	Reposition Right Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TS10ZZ	Reposition Left Kidney, Open Approach	Procedure	ICD-10-PCS
0TS14ZZ	Reposition Left Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TS20ZZ	Reposition Bilateral Kidneys, Open Approach	Procedure	ICD-10-PCS
0TS24ZZ	Reposition Bilateral Kidneys, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TS30ZZ	Reposition Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TS34ZZ	Reposition Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TS40ZZ	Reposition Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TS44ZZ	Reposition Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TS60ZZ	Reposition Right Ureter, Open Approach	Procedure	ICD-10-PCS
0TS64ZZ	Reposition Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TS70ZZ	Reposition Left Ureter, Open Approach	Procedure	ICD-10-PCS
0TS74ZZ	Reposition Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TS80ZZ	Reposition Bilateral Ureters, Open Approach	Procedure	ICD-10-PCS
0TS84ZZ	Reposition Bilateral Ureters, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TSB0ZZ	Reposition Bladder, Open Approach	Procedure	ICD-10-PCS
0TSB4ZZ	Reposition Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TT00ZZ	Resection of Right Kidney, Open Approach	Procedure	ICD-10-PCS
0TT04ZG	Resection of right kidney, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TT04ZZ	Resection of Right Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TT10ZZ	Resection of Left Kidney, Open Approach	Procedure	ICD-10-PCS
0TT14ZG	Resection of left kidney, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0TT14ZZ	Resection of Left Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TT20ZZ	Resection of Bilateral Kidneys, Open Approach	Procedure	ICD-10-PCS
0TT24ZG	Resection of bilateral kidneys, percutaneous endoscopic approach, hand-assisted	Procedure	ICD-10-PCS
0TT24ZZ	Resection of Bilateral Kidneys, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TT30ZZ	Resection of Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TT34ZZ	Resection of Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TT37ZZ	Resection of Right Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TT38ZZ	Resection of Right Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TT40ZZ	Resection of Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TT44ZZ	Resection of Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TT47ZZ	Resection of Left Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TT48ZZ	Resection of Left Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TT60ZZ	Resection of Right Ureter, Open Approach	Procedure	ICD-10-PCS
0TT64ZZ	Resection of Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TT67ZZ	Resection of Right Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TT68ZZ	Resection of Right Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TT70ZZ	Resection of Left Ureter, Open Approach	Procedure	ICD-10-PCS
0TT74ZZ	Resection of Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TT77ZZ	Resection of Left Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TT78ZZ	Resection of Left Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TTB0ZZ	Resection of Bladder, Open Approach	Procedure	ICD-10-PCS
0TTB4ZZ	Resection of Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TTB7ZZ	Resection of Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TTB8ZZ	Resection of Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU307Z	Supplement Right Kidney Pelvis with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TU30JZ	Supplement Right Kidney Pelvis with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0TU30KZ	Supplement Right Kidney Pelvis with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TU347Z	Supplement Right Kidney Pelvis with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TU34JZ	Supplement Right Kidney Pelvis with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TU34KZ	Supplement Right Kidney Pelvis with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TU377Z	Supplement Right Kidney Pelvis with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU37JZ	Supplement Right Kidney Pelvis with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU37KZ	Supplement Right Kidney Pelvis with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU387Z	Supplement Right Kidney Pelvis with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU38JZ	Supplement Right Kidney Pelvis with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU38KZ	Supplement Right Kidney Pelvis with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU407Z	Supplement Left Kidney Pelvis with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TU40JZ	Supplement Left Kidney Pelvis with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0TU40KZ	Supplement Left Kidney Pelvis with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TU447Z	Supplement Left Kidney Pelvis with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TU44JZ	Supplement Left Kidney Pelvis with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TU44KZ	Supplement Left Kidney Pelvis with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TU477Z	Supplement Left Kidney Pelvis with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU47JZ	Supplement Left Kidney Pelvis with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU47KZ	Supplement Left Kidney Pelvis with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU487Z	Supplement Left Kidney Pelvis with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU48JZ	Supplement Left Kidney Pelvis with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU48KZ	Supplement Left Kidney Pelvis with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU607Z	Supplement Right Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TU60JZ	Supplement Right Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TU60KZ	Supplement Right Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TU647Z	Supplement Right Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TU64JZ	Supplement Right Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TU64KZ	Supplement Right Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TU677Z	Supplement Right Ureter with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU67JZ	Supplement Right Ureter with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU67KZ	Supplement Right Ureter with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU687Z	Supplement Right Ureter with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU68JZ	Supplement Right Ureter with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU68KZ	Supplement Right Ureter with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU707Z	Supplement Left Ureter with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TU70JZ	Supplement Left Ureter with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0TU70KZ	Supplement Left Ureter with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TU747Z	Supplement Left Ureter with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TU74JZ	Supplement Left Ureter with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TU74KZ	Supplement Left Ureter with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TU777Z	Supplement Left Ureter with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU77JZ	Supplement Left Ureter with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU77KZ	Supplement Left Ureter with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TU787Z	Supplement Left Ureter with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU78JZ	Supplement Left Ureter with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TU78KZ	Supplement Left Ureter with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TUB07Z	Supplement Bladder with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TUB0JZ	Supplement Bladder with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0TUB0KZ	Supplement Bladder with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0TUB47Z	Supplement Bladder with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TUB4JZ	Supplement Bladder with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TUB4KZ	Supplement Bladder with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TUB77Z	Supplement Bladder with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TUB7JZ	Supplement Bladder with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TUB7KZ	Supplement Bladder with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TUB87Z	Supplement Bladder with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TUB8JZ	Supplement Bladder with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TUB8KZ	Supplement Bladder with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TV30CZ	Restriction of Right Kidney Pelvis with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TV30DZ	Restriction of Right Kidney Pelvis with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TV30ZZ	Restriction of Right Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TV33CZ	Restriction of Right Kidney Pelvis with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TV33DZ	Restriction of Right Kidney Pelvis with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TV33ZZ	Restriction of Right Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TV34CZ	Restriction of Right Kidney Pelvis with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV34DZ	Restriction of Right Kidney Pelvis with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV34ZZ	Restriction of Right Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV37DZ	Restriction of Right Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TV37ZZ	Restriction of Right Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TV38DZ	Restriction of Right Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TV38ZZ	Restriction of Right Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TV40CZ	Restriction of Left Kidney Pelvis with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TV40DZ	Restriction of Left Kidney Pelvis with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TV40ZZ	Restriction of Left Kidney Pelvis, Open Approach	Procedure	ICD-10-PCS
0TV43CZ	Restriction of Left Kidney Pelvis with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TV43DZ	Restriction of Left Kidney Pelvis with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TV43ZZ	Restriction of Left Kidney Pelvis, Percutaneous Approach	Procedure	ICD-10-PCS
0TV44CZ	Restriction of Left Kidney Pelvis with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV44DZ	Restriction of Left Kidney Pelvis with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV44ZZ	Restriction of Left Kidney Pelvis, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV47DZ	Restriction of Left Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TV47ZZ	Restriction of Left Kidney Pelvis, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TV48DZ	Restriction of Left Kidney Pelvis with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TV48ZZ	Restriction of Left Kidney Pelvis, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TV60CZ	Restriction of Right Ureter with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TV60DZ	Restriction of Right Ureter with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TV60ZZ	Restriction of Right Ureter, Open Approach	Procedure	ICD-10-PCS
0TV63CZ	Restriction of Right Ureter with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TV63DZ	Restriction of Right Ureter with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TV63ZZ	Restriction of Right Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TV64CZ	Restriction of Right Ureter with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV64DZ	Restriction of Right Ureter with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV64ZZ	Restriction of Right Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV67DZ	Restriction of Right Ureter with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TV67ZZ	Restriction of Right Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0TV68DZ	Restriction of Right Ureter with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TV68ZZ	Restriction of Right Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TV70CZ	Restriction of Left Ureter with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TV70DZ	Restriction of Left Ureter with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TV70ZZ	Restriction of Left Ureter, Open Approach	Procedure	ICD-10-PCS
0TV73CZ	Restriction of Left Ureter with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TV73DZ	Restriction of Left Ureter with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TV73ZZ	Restriction of Left Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TV74CZ	Restriction of Left Ureter with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV74DZ	Restriction of Left Ureter with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV74ZZ	Restriction of Left Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TV77DZ	Restriction of Left Ureter with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TV77ZZ	Restriction of Left Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TV78DZ	Restriction of Left Ureter with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TV78ZZ	Restriction of Left Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TVB0CZ	Restriction of Bladder with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TVB0DZ	Restriction of Bladder with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0TVB0ZZ	Restriction of Bladder, Open Approach	Procedure	ICD-10-PCS
0TVB3CZ	Restriction of Bladder with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TVB3DZ	Restriction of Bladder with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0TVB3ZZ	Restriction of Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TVB4CZ	Restriction of Bladder with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TVB4DZ	Restriction of Bladder with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TVB4ZZ	Restriction of Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TVB7DZ	Restriction of Bladder with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TVB7ZZ	Restriction of Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TVB8DZ	Restriction of Bladder with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TVB8ZZ	Restriction of Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW500Z	Revision of Drainage Device in Kidney, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TW502Z	Revision of Monitoring Device in Kidney, Open Approach	Procedure	ICD-10-PCS
0TW503Z	Revision of Infusion Device in Kidney, Open Approach	Procedure	ICD-10-PCS
0TW507Z	Revision of Autologous Tissue Substitute in Kidney, Open Approach	Procedure	ICD-10-PCS
0TW50CZ	Revision of Extraluminal Device in Kidney, Open Approach	Procedure	ICD-10-PCS
0TW50DZ	Revision of Intraluminal Device in Kidney, Open Approach	Procedure	ICD-10-PCS
0TW50JZ	Revision of Synthetic Substitute in Kidney, Open Approach	Procedure	ICD-10-PCS
0TW50KZ	Revision of Nonautologous Tissue Substitute in Kidney, Open Approach	Procedure	ICD-10-PCS
0TW50YZ	Revision of Other Device in Kidney, Open Approach	Procedure	ICD-10-PCS
0TW530Z	Revision of Drainage Device in Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TW532Z	Revision of Monitoring Device in Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TW533Z	Revision of Infusion Device in Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TW537Z	Revision of Autologous Tissue Substitute in Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TW53CZ	Revision of Extraluminal Device in Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TW53DZ	Revision of Intraluminal Device in Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TW53JZ	Revision of Synthetic Substitute in Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TW53KZ	Revision of Nonautologous Tissue Substitute in Kidney, Percutaneous Approach	Procedure	ICD-10-PCS
0TW540Z	Revision of Drainage Device in Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW542Z	Revision of Monitoring Device in Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW543Z	Revision of Infusion Device in Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW547Z	Revision of Autologous Tissue Substitute in Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW54CZ	Revision of Extraluminal Device in Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW54DZ	Revision of Intraluminal Device in Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW54JZ	Revision of Synthetic Substitute in Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW54KZ	Revision of Nonautologous Tissue Substitute in Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW54YZ	Revision of Other Device in Kidney, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW570Z	Revision of Drainage Device in Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW572Z	Revision of Monitoring Device in Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW573Z	Revision of Infusion Device in Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0TW577Z	Revision of Autologous Tissue Substitute in Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW57CZ	Revision of Extraluminal Device in Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW57DZ	Revision of Intraluminal Device in Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW57JZ	Revision of Synthetic Substitute in Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW57KZ	Revision of Nonautologous Tissue Substitute in Kidney, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW580Z	Revision of Drainage Device in Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW582Z	Revision of Monitoring Device in Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW583Z	Revision of Infusion Device in Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW587Z	Revision of Autologous Tissue Substitute in Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW58CZ	Revision of Extraluminal Device in Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW58DZ	Revision of Intraluminal Device in Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW58JZ	Revision of Synthetic Substitute in Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW58KZ	Revision of Nonautologous Tissue Substitute in Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW58YZ	Revision of Other Device in Kidney, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW900Z	Revision of Drainage Device in Ureter, Open Approach	Procedure	ICD-10-PCS
0TW902Z	Revision of Monitoring Device in Ureter, Open Approach	Procedure	ICD-10-PCS
0TW903Z	Revision of Infusion Device in Ureter, Open Approach	Procedure	ICD-10-PCS
0TW907Z	Revision of Autologous Tissue Substitute in Ureter, Open Approach	Procedure	ICD-10-PCS
0TW90CZ	Revision of Extraluminal Device in Ureter, Open Approach	Procedure	ICD-10-PCS
0TW90DZ	Revision of Intraluminal Device in Ureter, Open Approach	Procedure	ICD-10-PCS
0TW90JZ	Revision of Synthetic Substitute in Ureter, Open Approach	Procedure	ICD-10-PCS
0TW90KZ	Revision of Nonautologous Tissue Substitute in Ureter, Open Approach	Procedure	ICD-10-PCS
0TW90MZ	Revision of Stimulator Lead in Ureter, Open Approach	Procedure	ICD-10-PCS
0TW90YZ	Revision of Other Device in Ureter, Open Approach	Procedure	ICD-10-PCS
0TW930Z	Revision of Drainage Device in Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TW932Z	Revision of Monitoring Device in Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TW933Z	Revision of Infusion Device in Ureter, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0TW937Z	Revision of Autologous Tissue Substitute in Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TW93CZ	Revision of Extraluminal Device in Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TW93DZ	Revision of Intraluminal Device in Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TW93JZ	Revision of Synthetic Substitute in Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TW93KZ	Revision of Nonautologous Tissue Substitute in Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TW93MZ	Revision of Stimulator Lead in Ureter, Percutaneous Approach	Procedure	ICD-10-PCS
0TW940Z	Revision of Drainage Device in Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW942Z	Revision of Monitoring Device in Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW943Z	Revision of Infusion Device in Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW947Z	Revision of Autologous Tissue Substitute in Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW94CZ	Revision of Extraluminal Device in Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW94DZ	Revision of Intraluminal Device in Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW94JZ	Revision of Synthetic Substitute in Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW94KZ	Revision of Nonautologous Tissue Substitute in Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW94MZ	Revision of Stimulator Lead in Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW94YZ	Revision of Other Device in Ureter, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TW970Z	Revision of Drainage Device in Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW972Z	Revision of Monitoring Device in Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW973Z	Revision of Infusion Device in Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW977Z	Revision of Autologous Tissue Substitute in Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW97CZ	Revision of Extraluminal Device in Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW97DZ	Revision of Intraluminal Device in Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW97JZ	Revision of Synthetic Substitute in Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW97KZ	Revision of Nonautologous Tissue Substitute in Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0TW97MZ	Revision of Stimulator Lead in Ureter, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TW980Z	Revision of Drainage Device in Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW982Z	Revision of Monitoring Device in Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW983Z	Revision of Infusion Device in Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW987Z	Revision of Autologous Tissue Substitute in Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW98CZ	Revision of Extraluminal Device in Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW98DZ	Revision of Intraluminal Device in Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW98JZ	Revision of Synthetic Substitute in Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW98KZ	Revision of Nonautologous Tissue Substitute in Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW98MZ	Revision of Stimulator Lead in Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TW98YZ	Revision of Other Device in Ureter, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TWB00Z	Revision of Drainage Device in Bladder, Open Approach	Procedure	ICD-10-PCS
0TWB02Z	Revision of Monitoring Device in Bladder, Open Approach	Procedure	ICD-10-PCS
0TWB03Z	Revision of Infusion Device in Bladder, Open Approach	Procedure	ICD-10-PCS
0TWB07Z	Revision of Autologous Tissue Substitute in Bladder, Open Approach	Procedure	ICD-10-PCS
0TWB0CZ	Revision of Extraluminal Device in Bladder, Open Approach	Procedure	ICD-10-PCS
0TWB0DZ	Revision of Intraluminal Device in Bladder, Open Approach	Procedure	ICD-10-PCS
0TWB0JZ	Revision of Synthetic Substitute in Bladder, Open Approach	Procedure	ICD-10-PCS
0TWB0KZ	Revision of Nonautologous Tissue Substitute in Bladder, Open Approach	Procedure	ICD-10-PCS
0TWB0LZ	Revision of Artificial Sphincter in Bladder, Open Approach	Procedure	ICD-10-PCS
0TWB0MZ	Revision of Stimulator Lead in Bladder, Open Approach	Procedure	ICD-10-PCS
0TWB0YZ	Revision of Other Device in Bladder, Open Approach	Procedure	ICD-10-PCS
0TWB30Z	Revision of Drainage Device in Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TWB32Z	Revision of Monitoring Device in Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TWB33Z	Revision of Infusion Device in Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TWB37Z	Revision of Autologous Tissue Substitute in Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TWB3CZ	Revision of Extraluminal Device in Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TWB3DZ	Revision of Intraluminal Device in Bladder, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TWB3JZ	Revision of Synthetic Substitute in Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TWB3KZ	Revision of Nonautologous Tissue Substitute in Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TWB3LZ	Revision of Artificial Sphincter in Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TWB3MZ	Revision of Stimulator Lead in Bladder, Percutaneous Approach	Procedure	ICD-10-PCS
0TWB40Z	Revision of Drainage Device in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TWB42Z	Revision of Monitoring Device in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TWB43Z	Revision of Infusion Device in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TWB47Z	Revision of Autologous Tissue Substitute in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TWB4CZ	Revision of Extraluminal Device in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TWB4DZ	Revision of Intraluminal Device in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TWB4JZ	Revision of Synthetic Substitute in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TWB4KZ	Revision of Nonautologous Tissue Substitute in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TWB4LZ	Revision of Artificial Sphincter in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TWB4MZ	Revision of Stimulator Lead in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TWB4YZ	Revision of Other Device in Bladder, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0TWB77Z	Revision of Autologous Tissue Substitute in Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TWB7CZ	Revision of Extraluminal Device in Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TWB7DZ	Revision of Intraluminal Device in Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TWB7JZ	Revision of Synthetic Substitute in Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TWB7KZ	Revision of Nonautologous Tissue Substitute in Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TWB7LZ	Revision of Artificial Sphincter in Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TWB7MZ	Revision of Stimulator Lead in Bladder, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0TWB87Z	Revision of Autologous Tissue Substitute in Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0TWB8CZ	Revision of Extraluminal Device in Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TWB8DZ	Revision of Intraluminal Device in Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TWB8JZ	Revision of Synthetic Substitute in Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TWB8KZ	Revision of Nonautologous Tissue Substitute in Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TWB8LZ	Revision of Artificial Sphincter in Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TWB8MZ	Revision of Stimulator Lead in Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TWB8YZ	Revision of Other Device in Bladder, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0TY00Z0	Transplantation of Right Kidney, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0TY00Z1	Transplantation of Right Kidney, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0TY00Z2	Transplantation of Right Kidney, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0TY10Z0	Transplantation of Left Kidney, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0TY10Z1	Transplantation of Left Kidney, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0TY10Z2	Transplantation of Left Kidney, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0U15075	Bypass Right Fallopian Tube to Right Fallopian Tube with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0U15076	Bypass Right Fallopian Tube to Left Fallopian Tube with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0U15079	Bypass Right Fallopian Tube to Uterus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0U150J5	Bypass Right Fallopian Tube to Right Fallopian Tube with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0U150J6	Bypass Right Fallopian Tube to Left Fallopian Tube with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0U150J9	Bypass Right Fallopian Tube to Uterus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0U150K5	Bypass Right Fallopian Tube to Right Fallopian Tube with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0U150K6	Bypass Right Fallopian Tube to Left Fallopian Tube with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0U150K9	Bypass Right Fallopian Tube to Uterus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0U150Z5	Bypass Right Fallopian Tube to Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0U150Z6	Bypass Right Fallopian Tube to Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0U150Z9	Bypass Right Fallopian Tube to Uterus, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0U15475	Bypass Right Fallopian Tube to Right Fallopian Tube with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U15476	Bypass Right Fallopian Tube to Left Fallopian Tube with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U15479	Bypass Right Fallopian Tube to Uterus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U154J5	Bypass Right Fallopian Tube to Right Fallopian Tube with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U154J6	Bypass Right Fallopian Tube to Left Fallopian Tube with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U154J9	Bypass Right Fallopian Tube to Uterus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U154K5	Bypass Right Fallopian Tube to Right Fallopian Tube with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U154K6	Bypass Right Fallopian Tube to Left Fallopian Tube with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U154K9	Bypass Right Fallopian Tube to Uterus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U154Z5	Bypass Right Fallopian Tube to Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U154Z6	Bypass Right Fallopian Tube to Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U154Z9	Bypass Right Fallopian Tube to Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U16075	Bypass Left Fallopian Tube to Right Fallopian Tube with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0U16076	Bypass Left Fallopian Tube to Left Fallopian Tube with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0U16079	Bypass Left Fallopian Tube to Uterus with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0U160J5	Bypass Left Fallopian Tube to Right Fallopian Tube with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0U160J6	Bypass Left Fallopian Tube to Left Fallopian Tube with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0U160J9	Bypass Left Fallopian Tube to Uterus with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0U160K5	Bypass Left Fallopian Tube to Right Fallopian Tube with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0U160K6	Bypass Left Fallopian Tube to Left Fallopian Tube with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0U160K9	Bypass Left Fallopian Tube to Uterus with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0U160Z5	Bypass Left Fallopian Tube to Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0U160Z6	Bypass Left Fallopian Tube to Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0U160Z9	Bypass Left Fallopian Tube to Uterus, Open Approach	Procedure	ICD-10-PCS
0U16475	Bypass Left Fallopian Tube to Right Fallopian Tube with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U16476	Bypass Left Fallopian Tube to Left Fallopian Tube with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U16479	Bypass Left Fallopian Tube to Uterus with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U164J5	Bypass Left Fallopian Tube to Right Fallopian Tube with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U164J6	Bypass Left Fallopian Tube to Left Fallopian Tube with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U164J9	Bypass Left Fallopian Tube to Uterus with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U164K5	Bypass Left Fallopian Tube to Right Fallopian Tube with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U164K6	Bypass Left Fallopian Tube to Left Fallopian Tube with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U164K9	Bypass Left Fallopian Tube to Uterus with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U164Z5	Bypass Left Fallopian Tube to Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U164Z6	Bypass Left Fallopian Tube to Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U164Z9	Bypass Left Fallopian Tube to Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U500ZZ	Destruction of Right Ovary, Open Approach	Procedure	ICD-10-PCS
0U503ZZ	Destruction of Right Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0U504ZZ	Destruction of Right Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U508ZZ	Destruction of Right Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U510ZZ	Destruction of Left Ovary, Open Approach	Procedure	ICD-10-PCS
0U513ZZ	Destruction of Left Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0U514ZZ	Destruction of Left Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U518ZZ	Destruction of Left Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U520ZZ	Destruction of Bilateral Ovaries, Open Approach	Procedure	ICD-10-PCS
0U523ZZ	Destruction of Bilateral Ovaries, Percutaneous Approach	Procedure	ICD-10-PCS
0U524ZZ	Destruction of Bilateral Ovaries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0U528ZZ	Destruction of Bilateral Ovaries, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U540ZZ	Destruction of Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS
0U543ZZ	Destruction of Uterine Supporting Structure, Percutaneous Approach	Procedure	ICD-10-PCS
0U544ZZ	Destruction of Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U548ZZ	Destruction of Uterine Supporting Structure, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U550ZZ	Destruction of Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0U553ZZ	Destruction of Right Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0U554ZZ	Destruction of Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U557ZZ	Destruction of Right Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U558ZZ	Destruction of Right Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U560ZZ	Destruction of Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0U563ZZ	Destruction of Left Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0U564ZZ	Destruction of Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U567ZZ	Destruction of Left Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U568ZZ	Destruction of Left Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U570ZZ	Destruction of Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0U573ZZ	Destruction of Bilateral Fallopian Tubes, Percutaneous Approach	Procedure	ICD-10-PCS
0U574ZZ	Destruction of Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U577ZZ	Destruction of Bilateral Fallopian Tubes, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U578ZZ	Destruction of Bilateral Fallopian Tubes, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U590ZZ	Destruction of Uterus, Open Approach	Procedure	ICD-10-PCS
0U593ZZ	Destruction of Uterus, Percutaneous Approach	Procedure	ICD-10-PCS
0U594ZZ	Destruction of Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U597ZZ	Destruction of Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U598ZZ	Destruction of Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U5F0ZZ	Destruction of Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0U5F3ZZ	Destruction of Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0U5F4ZZ	Destruction of Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U5F7ZZ	Destruction of Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U5F8ZZ	Destruction of Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0U750DZ	Dilation of Right Fallopian Tube with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0U750ZZ	Dilation of Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0U753DZ	Dilation of Right Fallopian Tube with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0U753ZZ	Dilation of Right Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0U754DZ	Dilation of Right Fallopian Tube with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U754ZZ	Dilation of Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U757DZ	Dilation of Right Fallopian Tube with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U757ZZ	Dilation of Right Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U758DZ	Dilation of Right Fallopian Tube with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U758ZZ	Dilation of Right Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U760DZ	Dilation of Left Fallopian Tube with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0U760ZZ	Dilation of Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0U763DZ	Dilation of Left Fallopian Tube with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0U763ZZ	Dilation of Left Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0U764DZ	Dilation of Left Fallopian Tube with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U764ZZ	Dilation of Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U767DZ	Dilation of Left Fallopian Tube with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U767ZZ	Dilation of Left Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U768DZ	Dilation of Left Fallopian Tube with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U768ZZ	Dilation of Left Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U770DZ	Dilation of Bilateral Fallopian Tubes with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0U770ZZ	Dilation of Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0U773DZ	Dilation of Bilateral Fallopian Tubes with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0U773ZZ	Dilation of Bilateral Fallopian Tubes, Percutaneous Approach	Procedure	ICD-10-PCS
0U774DZ	Dilation of Bilateral Fallopian Tubes with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U774ZZ	Dilation of Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0U777DZ	Dilation of Bilateral Fallopian Tubes with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U777ZZ	Dilation of Bilateral Fallopian Tubes, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U778DZ	Dilation of Bilateral Fallopian Tubes with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U778ZZ	Dilation of Bilateral Fallopian Tubes, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U790DZ	Dilation of Uterus with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0U790ZZ	Dilation of Uterus, Open Approach	Procedure	ICD-10-PCS
0U793DZ	Dilation of Uterus with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0U793ZZ	Dilation of Uterus, Percutaneous Approach	Procedure	ICD-10-PCS
0U794DZ	Dilation of Uterus with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U794ZZ	Dilation of Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U797DZ	Dilation of Uterus with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U797ZZ	Dilation of Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U798DZ	Dilation of Uterus with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U798ZZ	Dilation of Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U800ZZ	Division of Right Ovary, Open Approach	Procedure	ICD-10-PCS
0U803ZZ	Division of Right Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0U804ZZ	Division of Right Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U810ZZ	Division of Left Ovary, Open Approach	Procedure	ICD-10-PCS
0U813ZZ	Division of Left Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0U814ZZ	Division of Left Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U820ZZ	Division of Bilateral Ovaries, Open Approach	Procedure	ICD-10-PCS
0U823ZZ	Division of Bilateral Ovaries, Percutaneous Approach	Procedure	ICD-10-PCS
0U824ZZ	Division of Bilateral Ovaries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U840ZZ	Division of Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS
0U843ZZ	Division of Uterine Supporting Structure, Percutaneous Approach	Procedure	ICD-10-PCS
0U844ZZ	Division of Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9000Z	Drainage of Right Ovary with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0U900ZZ	Drainage of Right Ovary, Open Approach	Procedure	ICD-10-PCS
0U9040Z	Drainage of Right Ovary with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U904ZZ	Drainage of Right Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9080Z	Drainage of Right Ovary with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U908ZZ	Drainage of Right Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0U90XZZ	Drainage of Right Ovary, External Approach	Procedure	ICD-10-PCS
0U9100Z	Drainage of Left Ovary with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0U910ZZ	Drainage of Left Ovary, Open Approach	Procedure	ICD-10-PCS
0U9140Z	Drainage of Left Ovary with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U914ZZ	Drainage of Left Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9180Z	Drainage of Left Ovary with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U918ZZ	Drainage of Left Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U91XZZ	Drainage of Left Ovary, External Approach	Procedure	ICD-10-PCS
0U9200Z	Drainage of Bilateral Ovaries with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0U920ZZ	Drainage of Bilateral Ovaries, Open Approach	Procedure	ICD-10-PCS
0U9240Z	Drainage of Bilateral Ovaries with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U924ZZ	Drainage of Bilateral Ovaries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9280Z	Drainage of Bilateral Ovaries with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U928ZZ	Drainage of Bilateral Ovaries, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U92XZZ	Drainage of Bilateral Ovaries, External Approach	Procedure	ICD-10-PCS
0U9400Z	Drainage of Uterine Supporting Structure with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0U940ZZ	Drainage of Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS
0U9440Z	Drainage of Uterine Supporting Structure with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U944ZZ	Drainage of Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9480Z	Drainage of Uterine Supporting Structure with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U948ZZ	Drainage of Uterine Supporting Structure, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U9500Z	Drainage of Right Fallopian Tube with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0U950ZZ	Drainage of Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0U9540Z	Drainage of Right Fallopian Tube with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U954ZZ	Drainage of Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9570Z	Drainage of Right Fallopian Tube with Drainage Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U957ZZ	Drainage of Right Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U9580Z	Drainage of Right Fallopian Tube with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0U958ZZ	Drainage of Right Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U9600Z	Drainage of Left Fallopian Tube with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0U960ZZ	Drainage of Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0U9640Z	Drainage of Left Fallopian Tube with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U964ZZ	Drainage of Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9670Z	Drainage of Left Fallopian Tube with Drainage Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U967ZZ	Drainage of Left Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U9680Z	Drainage of Left Fallopian Tube with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U968ZZ	Drainage of Left Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U9700Z	Drainage of Bilateral Fallopian Tubes with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0U970ZZ	Drainage of Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0U9740Z	Drainage of Bilateral Fallopian Tubes with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U974ZZ	Drainage of Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9770Z	Drainage of Bilateral Fallopian Tubes with Drainage Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U977ZZ	Drainage of Bilateral Fallopian Tubes, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U9780Z	Drainage of Bilateral Fallopian Tubes with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U978ZZ	Drainage of Bilateral Fallopian Tubes, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U9900Z	Drainage of Uterus with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0U990ZZ	Drainage of Uterus, Open Approach	Procedure	ICD-10-PCS
0U9940Z	Drainage of Uterus with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U994ZZ	Drainage of Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9970Z	Drainage of Uterus with Drainage Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U997ZZ	Drainage of Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U9980Z	Drainage of Uterus with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U998ZZ	Drainage of Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U9F00Z	Drainage of Cul-de-sac with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0U9F0ZZ	Drainage of Cul-de-sac, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0U9F40Z	Drainage of Cul-de-sac with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9F4ZZ	Drainage of Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9F70Z	Drainage of Cul-de-sac with Drainage Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U9F7ZZ	Drainage of Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U9F80Z	Drainage of Cul-de-sac with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U9F8ZZ	Drainage of Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UB00ZZ	Excision of Right Ovary, Open Approach	Procedure	ICD-10-PCS
0UB03ZZ	Excision of Right Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0UB04ZZ	Excision of Right Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UB07ZZ	Excision of Right Ovary, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UB08ZZ	Excision of Right Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UB10ZZ	Excision of Left Ovary, Open Approach	Procedure	ICD-10-PCS
0UB13ZZ	Excision of Left Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0UB14ZZ	Excision of Left Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UB17ZZ	Excision of Left Ovary, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UB18ZZ	Excision of Left Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UB20ZZ	Excision of Bilateral Ovaries, Open Approach	Procedure	ICD-10-PCS
0UB23ZZ	Excision of Bilateral Ovaries, Percutaneous Approach	Procedure	ICD-10-PCS
0UB24ZZ	Excision of Bilateral Ovaries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UB27ZZ	Excision of Bilateral Ovaries, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UB28ZZ	Excision of Bilateral Ovaries, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UB40ZZ	Excision of Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS
0UB43ZZ	Excision of Uterine Supporting Structure, Percutaneous Approach	Procedure	ICD-10-PCS
0UB44ZZ	Excision of Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UB47ZZ	Excision of Uterine Supporting Structure, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UB48ZZ	Excision of Uterine Supporting Structure, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UB50ZZ	Excision of Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UB53ZZ	Excision of Right Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UB54ZZ	Excision of Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UB57ZZ	Excision of Right Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UB58ZZ	Excision of Right Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UB60ZZ	Excision of Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UB63ZZ	Excision of Left Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UB64ZZ	Excision of Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UB67ZZ	Excision of Left Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UB68ZZ	Excision of Left Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UB70ZZ	Excision of Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0UB73ZZ	Excision of Bilateral Fallopian Tubes, Percutaneous Approach	Procedure	ICD-10-PCS
0UB74ZZ	Excision of Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UB77ZZ	Excision of Bilateral Fallopian Tubes, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UB78ZZ	Excision of Bilateral Fallopian Tubes, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UB90ZZ	Excision of Uterus, Open Approach	Procedure	ICD-10-PCS
0UB93ZZ	Excision of Uterus, Percutaneous Approach	Procedure	ICD-10-PCS
0UB94ZZ	Excision of Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UB97ZZ	Excision of Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UB98ZZ	Excision of Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UBF0ZZ	Excision of Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UBF3ZZ	Excision of Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UBF4ZZ	Excision of Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UBF7ZZ	Excision of Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UBF8ZZ	Excision of Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UC00ZZ	Extirpation of Matter from Right Ovary, Open Approach	Procedure	ICD-10-PCS
0UC03ZZ	Extirpation of Matter from Right Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0UC04ZZ	Extirpation of Matter from Right Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UC08ZZ	Extirpation of Matter from Right Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UC10ZZ	Extirpation of Matter from Left Ovary, Open Approach	Procedure	ICD-10-PCS
0UC13ZZ	Extirpation of Matter from Left Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0UC14ZZ	Extirpation of Matter from Left Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UC18ZZ	Extirpation of Matter from Left Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UC20ZZ	Extirpation of Matter from Bilateral Ovaries, Open Approach	Procedure	ICD-10-PCS
0UC23ZZ	Extirpation of Matter from Bilateral Ovaries, Percutaneous Approach	Procedure	ICD-10-PCS
0UC24ZZ	Extirpation of Matter from Bilateral Ovaries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UC28ZZ	Extirpation of Matter from Bilateral Ovaries, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UC40ZZ	Extirpation of Matter from Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UC43ZZ	Extirpation of Matter from Uterine Supporting Structure, Percutaneous Approach	Procedure	ICD-10-PCS
0UC44ZZ	Extirpation of Matter from Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UC48ZZ	Extirpation of Matter from Uterine Supporting Structure, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UC50ZZ	Extirpation of Matter from Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UC53ZZ	Extirpation of Matter from Right Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UC54ZZ	Extirpation of Matter from Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UC57ZZ	Extirpation of Matter from Right Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UC58ZZ	Extirpation of Matter from Right Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UC60ZZ	Extirpation of Matter from Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UC63ZZ	Extirpation of Matter from Left Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UC64ZZ	Extirpation of Matter from Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UC67ZZ	Extirpation of Matter from Left Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UC68ZZ	Extirpation of Matter from Left Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UC70ZZ	Extirpation of Matter from Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0UC73ZZ	Extirpation of Matter from Bilateral Fallopian Tubes, Percutaneous Approach	Procedure	ICD-10-PCS
0UC74ZZ	Extirpation of Matter from Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UC77ZZ	Extirpation of Matter from Bilateral Fallopian Tubes, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UC78ZZ	Extirpation of Matter from Bilateral Fallopian Tubes, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UC90ZZ	Extirpation of Matter from Uterus, Open Approach	Procedure	ICD-10-PCS
0UC93ZZ	Extirpation of Matter from Uterus, Percutaneous Approach	Procedure	ICD-10-PCS
0UC94ZZ	Extirpation of Matter from Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UCF0ZZ	Extirpation of Matter from Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UCF3ZZ	Extirpation of Matter from Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UCF4ZZ	Extirpation of Matter from Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UCF7ZZ	Extirpation of Matter from Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UCF8ZZ	Extirpation of Matter from Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UDN0ZZ	Extraction of Ova, Open	Procedure	ICD-10-PCS
0UF50ZZ	Fragmentation in Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UF53ZZ	Fragmentation in Right Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UF54ZZ	Fragmentation in Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UF57ZZ	Fragmentation in Right Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UF58ZZ	Fragmentation in Right Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UF60ZZ	Fragmentation in Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UF63ZZ	Fragmentation in Left Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UF64ZZ	Fragmentation in Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UF67ZZ	Fragmentation in Left Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UF68ZZ	Fragmentation in Left Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UF70ZZ	Fragmentation in Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0UF73ZZ	Fragmentation in Bilateral Fallopian Tubes, Percutaneous Approach	Procedure	ICD-10-PCS
0UF74ZZ	Fragmentation in Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UF77ZZ	Fragmentation in Bilateral Fallopian Tubes, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UF78ZZ	Fragmentation in Bilateral Fallopian Tubes, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UF90ZZ	Fragmentation in Uterus, Open Approach	Procedure	ICD-10-PCS
0UF93ZZ	Fragmentation in Uterus, Percutaneous Approach	Procedure	ICD-10-PCS
0UF94ZZ	Fragmentation in Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UF97ZZ	Fragmentation in Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UF98ZZ	Fragmentation in Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UH301Z	Insertion of Radioactive Element into Ovary, Open Approach	Procedure	ICD-10-PCS
0UH303Z	Insertion of Infusion Device into Ovary, Open Approach	Procedure	ICD-10-PCS
0UH30YZ	Insertion of Other Device into Ovary, Open Approach	Procedure	ICD-10-PCS
0UH341Z	Insertion of Radioactive Element into Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UH343Z	Insertion of Infusion Device into Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UH34YZ	Insertion of Other Device into Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UH803Z	Insertion of Infusion Device into Fallopian Tube, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UH80YZ	Insertion of Other Device into Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UH843Z	Insertion of Infusion Device into Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UH84YZ	Insertion of Other Device into Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UH901Z	Insertion of Radioactive Element into Uterus, Open Approach	Procedure	ICD-10-PCS
0UH90HZ	Insertion of Contraceptive Device into Uterus, Open Approach	Procedure	ICD-10-PCS
0UHD03Z	Insertion of Infusion Device into Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UHD0YZ	Insertion of Other Device into Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UHD43Z	Insertion of Infusion Device into Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UHD4YZ	Insertion of Other Device into Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UHH03Z	Insertion of Infusion Device into Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UHH0YZ	Insertion of Other Device into Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UHH33Z	Insertion of Infusion Device into Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UHH43Z	Insertion of Infusion Device into Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UHH4YZ	Insertion of Other Device into Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UL50CZ	Occlusion of Right Fallopian Tube with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0UL50DZ	Occlusion of Right Fallopian Tube with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0UL50ZZ	Occlusion of Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UL53CZ	Occlusion of Right Fallopian Tube with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0UL53DZ	Occlusion of Right Fallopian Tube with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0UL53ZZ	Occlusion of Right Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UL54CZ	Occlusion of Right Fallopian Tube with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UL54DZ	Occlusion of Right Fallopian Tube with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UL54ZZ	Occlusion of Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UL57DZ	Occlusion of Right Fallopian Tube with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UL57ZZ	Occlusion of Right Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UL58DZ	Occlusion of Right Fallopian Tube with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UL58ZZ	Occlusion of Right Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UL60CZ	Occlusion of Left Fallopian Tube with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0UL60DZ	Occlusion of Left Fallopian Tube with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0UL60ZZ	Occlusion of Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UL63CZ	Occlusion of Left Fallopian Tube with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0UL63DZ	Occlusion of Left Fallopian Tube with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0UL63ZZ	Occlusion of Left Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UL64CZ	Occlusion of Left Fallopian Tube with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UL64DZ	Occlusion of Left Fallopian Tube with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UL64ZZ	Occlusion of Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UL67DZ	Occlusion of Left Fallopian Tube with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UL67ZZ	Occlusion of Left Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UL68DZ	Occlusion of Left Fallopian Tube with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UL68ZZ	Occlusion of Left Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UL70CZ	Occlusion of Bilateral Fallopian Tubes with Extraluminal Device, Open Approach	Procedure	ICD-10-PCS
0UL70DZ	Occlusion of Bilateral Fallopian Tubes with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0UL70ZZ	Occlusion of Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0UL73CZ	Occlusion of Bilateral Fallopian Tubes with Extraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0UL73DZ	Occlusion of Bilateral Fallopian Tubes with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0UL73ZZ	Occlusion of Bilateral Fallopian Tubes, Percutaneous Approach	Procedure	ICD-10-PCS
0UL74CZ	Occlusion of Bilateral Fallopian Tubes with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UL74DZ	Occlusion of Bilateral Fallopian Tubes with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UL74ZZ	Occlusion of Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UL77DZ	Occlusion of Bilateral Fallopian Tubes with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UL77ZZ	Occlusion of Bilateral Fallopian Tubes, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UL78DZ	Occlusion of Bilateral Fallopian Tubes with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UL78ZZ	Occlusion of Bilateral Fallopian Tubes, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0ULF7DZ	Occlusion of Cul-de-sac with Intraluminal Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0ULF7ZZ	Occlusion of Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0ULF8DZ	Occlusion of Cul-de-sac with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0ULF8ZZ	Occlusion of Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UM00ZZ	Reattachment of Right Ovary, Open Approach	Procedure	ICD-10-PCS
0UM04ZZ	Reattachment of Right Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UM10ZZ	Reattachment of Left Ovary, Open Approach	Procedure	ICD-10-PCS
0UM14ZZ	Reattachment of Left Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UM20ZZ	Reattachment of Bilateral Ovaries, Open Approach	Procedure	ICD-10-PCS
0UM24ZZ	Reattachment of Bilateral Ovaries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UM40ZZ	Reattachment of Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS
0UM44ZZ	Reattachment of Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UM50ZZ	Reattachment of Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UM54ZZ	Reattachment of Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UM60ZZ	Reattachment of Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UM64ZZ	Reattachment of Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UM70ZZ	Reattachment of Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0UM74ZZ	Reattachment of Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UM90ZZ	Reattachment of Uterus, Open Approach	Procedure	ICD-10-PCS
0UM94ZZ	Reattachment of Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UMF0ZZ	Reattachment of Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UMF4ZZ	Reattachment of Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UN00ZZ	Release Right Ovary, Open Approach	Procedure	ICD-10-PCS
0UN03ZZ	Release Right Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0UN04ZZ	Release Right Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UN08ZZ	Release Right Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UN10ZZ	Release Left Ovary, Open Approach	Procedure	ICD-10-PCS
0UN13ZZ	Release Left Ovary, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UN14ZZ	Release Left Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UN18ZZ	Release Left Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UN20ZZ	Release Bilateral Ovaries, Open Approach	Procedure	ICD-10-PCS
0UN23ZZ	Release Bilateral Ovaries, Percutaneous Approach	Procedure	ICD-10-PCS
0UN24ZZ	Release Bilateral Ovaries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UN28ZZ	Release Bilateral Ovaries, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UN40ZZ	Release Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS
0UN43ZZ	Release Uterine Supporting Structure, Percutaneous Approach	Procedure	ICD-10-PCS
0UN44ZZ	Release Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UN48ZZ	Release Uterine Supporting Structure, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UN50ZZ	Release Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UN53ZZ	Release Right Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UN54ZZ	Release Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UN57ZZ	Release Right Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UN58ZZ	Release Right Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UN60ZZ	Release Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UN63ZZ	Release Left Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UN64ZZ	Release Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UN67ZZ	Release Left Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UN68ZZ	Release Left Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UN70ZZ	Release Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0UN73ZZ	Release Bilateral Fallopian Tubes, Percutaneous Approach	Procedure	ICD-10-PCS
0UN74ZZ	Release Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UN77ZZ	Release Bilateral Fallopian Tubes, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UN78ZZ	Release Bilateral Fallopian Tubes, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UN90ZZ	Release Uterus, Open Approach	Procedure	ICD-10-PCS
0UN93ZZ	Release Uterus, Percutaneous Approach	Procedure	ICD-10-PCS
0UN94ZZ	Release Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UN97ZZ	Release Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UN98ZZ	Release Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UNF0ZZ	Release Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UNF3ZZ	Release Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UNF4ZZ	Release Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UNF7ZZ	Release Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UNF8ZZ	Release Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UP300Z	Removal of Drainage Device from Ovary, Open Approach	Procedure	ICD-10-PCS
0UP303Z	Removal of Infusion Device from Ovary, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UP30YZ	Removal of Other Device from Ovary, Open Approach	Procedure	ICD-10-PCS
0UP330Z	Removal of Drainage Device from Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0UP333Z	Removal of Infusion Device from Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0UP340Z	Removal of Drainage Device from Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UP343Z	Removal of Infusion Device from Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UP34YZ	Removal of Other Device from Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UP800Z	Removal of Drainage Device from Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UP803Z	Removal of Infusion Device from Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UP807Z	Removal of Autologous Tissue Substitute from Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UP80CZ	Removal of Extraluminal Device from Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UP80DZ	Removal of Intraluminal Device from Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UP80JZ	Removal of Synthetic Substitute from Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UP80KZ	Removal of Nonautologous Tissue Substitute from Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UP80YZ	Removal of Other Device from Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UP830Z	Removal of Drainage Device from Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UP833Z	Removal of Infusion Device from Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UP837Z	Removal of Autologous Tissue Substitute from Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UP83CZ	Removal of Extraluminal Device from Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UP83DZ	Removal of Intraluminal Device from Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UP83JZ	Removal of Synthetic Substitute from Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UP83KZ	Removal of Nonautologous Tissue Substitute from Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UP840Z	Removal of Drainage Device from Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UP843Z	Removal of Infusion Device from Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UP847Z	Removal of Autologous Tissue Substitute from Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UP84CZ	Removal of Extraluminal Device from Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UP84DZ	Removal of Intraluminal Device from Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UP84JZ	Removal of Synthetic Substitute from Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UP84KZ	Removal of Nonautologous Tissue Substitute from Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UP84YZ	Removal of Other Device from Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UP877Z	Removal of Autologous Tissue Substitute from Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UP87CZ	Removal of Extraluminal Device from Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UP87JZ	Removal of Synthetic Substitute from Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UP87KZ	Removal of Nonautologous Tissue Substitute from Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UP887Z	Removal of Autologous Tissue Substitute from Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UP88CZ	Removal of Extraluminal Device from Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UP88JZ	Removal of Synthetic Substitute from Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UP88KZ	Removal of Nonautologous Tissue Substitute from Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPD00Z	Removal of Drainage Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD01Z	Removal of Radioactive Element from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD03Z	Removal of Infusion Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD07Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0CZ	Removal of Extraluminal Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0DZ	Removal of Intraluminal Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0HZ	Removal of Contraceptive Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0JZ	Removal of Synthetic Substitute from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0YZ	Removal of Other Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UPD30Z	Removal of Drainage Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD33Z	Removal of Infusion Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD37Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3DZ	Removal of Intraluminal Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3HZ	Removal of Contraceptive Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3JZ	Removal of Synthetic Substitute from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD40Z	Removal of Drainage Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD41Z	Removal of Radioactive Element from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD43Z	Removal of Infusion Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD47Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4CZ	Removal of Extraluminal Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4DZ	Removal of Intraluminal Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4HZ	Removal of Contraceptive Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4JZ	Removal of Synthetic Substitute from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4YZ	Removal of Other Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD77Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPD7JZ	Removal of Synthetic Substitute from Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPD7KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPD87Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPD8JZ	Removal of Synthetic Substitute from Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UPD8KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPH00Z	Removal of Drainage Device from Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UPH01Z	Removal of Radioactive Element from Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UPH03Z	Removal of Infusion Device from Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UPH07Z	Removal of Autologous Tissue Substitute from Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UPH0DZ	Removal of Intraluminal Device from Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UPH0JZ	Removal of Synthetic Substitute from Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UPH0KZ	Removal of Nonautologous Tissue Substitute from Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UPH0YZ	Removal of Other Device from Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UPH30Z	Removal of Drainage Device from Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UPH33Z	Removal of Infusion Device from Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UPH37Z	Removal of Autologous Tissue Substitute from Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UPH3DZ	Removal of Intraluminal Device from Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UPH3JZ	Removal of Synthetic Substitute from Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UPH3KZ	Removal of Nonautologous Tissue Substitute from Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UPH40Z	Removal of Drainage Device from Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPH41Z	Removal of Radioactive Element from Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPH43Z	Removal of Infusion Device from Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPH47Z	Removal of Autologous Tissue Substitute from Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPH4DZ	Removal of Intraluminal Device from Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPH4JZ	Removal of Synthetic Substitute from Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPH4KZ	Removal of Nonautologous Tissue Substitute from Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UPH4YZ	Removal of Other Device from Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPH77Z	Removal of Autologous Tissue Substitute from Vagina and Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPH7JZ	Removal of Synthetic Substitute from Vagina and Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPH7KZ	Removal of Nonautologous Tissue Substitute from Vagina and Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPH87Z	Removal of Autologous Tissue Substitute from Vagina and Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPH8JZ	Removal of Synthetic Substitute from Vagina and Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPH8KZ	Removal of Nonautologous Tissue Substitute from Vagina and Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UQ00ZZ	Repair Right Ovary, Open Approach	Procedure	ICD-10-PCS
0UQ03ZZ	Repair Right Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0UQ04ZZ	Repair Right Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UQ08ZZ	Repair Right Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UQ10ZZ	Repair Left Ovary, Open Approach	Procedure	ICD-10-PCS
0UQ13ZZ	Repair Left Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0UQ14ZZ	Repair Left Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UQ18ZZ	Repair Left Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UQ20ZZ	Repair Bilateral Ovaries, Open Approach	Procedure	ICD-10-PCS
0UQ23ZZ	Repair Bilateral Ovaries, Percutaneous Approach	Procedure	ICD-10-PCS
0UQ24ZZ	Repair Bilateral Ovaries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UQ28ZZ	Repair Bilateral Ovaries, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UQ40ZZ	Repair Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS
0UQ43ZZ	Repair Uterine Supporting Structure, Percutaneous Approach	Procedure	ICD-10-PCS
0UQ44ZZ	Repair Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UQ48ZZ	Repair Uterine Supporting Structure, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UQ50ZZ	Repair Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UQ53ZZ	Repair Right Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UQ54ZZ	Repair Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UQ57ZZ	Repair Right Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UQ58ZZ	Repair Right Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UQ60ZZ	Repair Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UQ63ZZ	Repair Left Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UQ64ZZ	Repair Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UQ67ZZ	Repair Left Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UQ68ZZ	Repair Left Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UQ70ZZ	Repair Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0UQ73ZZ	Repair Bilateral Fallopian Tubes, Percutaneous Approach	Procedure	ICD-10-PCS
0UQ74ZZ	Repair Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UQ77ZZ	Repair Bilateral Fallopian Tubes, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UQ78ZZ	Repair Bilateral Fallopian Tubes, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UQ90ZZ	Repair Uterus, Open Approach	Procedure	ICD-10-PCS
0UQ93ZZ	Repair Uterus, Percutaneous Approach	Procedure	ICD-10-PCS
0UQ94ZZ	Repair Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UQ97ZZ	Repair Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UQ98ZZ	Repair Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UQF0ZZ	Repair Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UQF3ZZ	Repair Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UQF4ZZ	Repair Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UQF7ZZ	Repair Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UQF8ZZ	Repair Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0US00ZZ	Reposition Right Ovary, Open Approach	Procedure	ICD-10-PCS
0US04ZZ	Reposition Right Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0US08ZZ	Reposition Right Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0US10ZZ	Reposition Left Ovary, Open Approach	Procedure	ICD-10-PCS
0US14ZZ	Reposition Left Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0US18ZZ	Reposition Left Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0US20ZZ	Reposition Bilateral Ovaries, Open Approach	Procedure	ICD-10-PCS
0US24ZZ	Reposition Bilateral Ovaries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0US28ZZ	Reposition Bilateral Ovaries, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0US40ZZ	Reposition Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS
0US44ZZ	Reposition Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0US48ZZ	Reposition Uterine Supporting Structure, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0US50ZZ	Reposition Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0US54ZZ	Reposition Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0US58ZZ	Reposition Right Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0US60ZZ	Reposition Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0US64ZZ	Reposition Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0US68ZZ	Reposition Left Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0US70ZZ	Reposition Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0US74ZZ	Reposition Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0US78ZZ	Reposition Bilateral Fallopian Tubes, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0US90ZZ	Reposition Uterus, Open Approach	Procedure	ICD-10-PCS
0US94ZZ	Reposition Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0US97ZZ	Reposition Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0US98ZZ	Reposition Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0USF0ZZ	Reposition Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0USF4ZZ	Reposition Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0USF8ZZ	Reposition Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT00ZZ	Resection of Right Ovary, Open Approach	Procedure	ICD-10-PCS
0UT04ZZ	Resection of Right Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT07ZZ	Resection of Right Ovary, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT08ZZ	Resection of Right Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT0FZZ	Resection of Right Ovary, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UT10ZZ	Resection of Left Ovary, Open Approach	Procedure	ICD-10-PCS
0UT14ZZ	Resection of Left Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT17ZZ	Resection of Left Ovary, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT18ZZ	Resection of Left Ovary, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT1FZZ	Resection of Left Ovary, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UT20ZZ	Resection of Bilateral Ovaries, Open Approach	Procedure	ICD-10-PCS
0UT24ZZ	Resection of Bilateral Ovaries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT27ZZ	Resection of Bilateral Ovaries, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT28ZZ	Resection of Bilateral Ovaries, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT2FZZ	Resection of Bilateral Ovaries, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UT40ZZ	Resection of Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS
0UT44ZZ	Resection of Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT47ZZ	Resection of Uterine Supporting Structure, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT48ZZ	Resection of Uterine Supporting Structure, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT50ZZ	Resection of Right Fallopian Tube, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UT54ZZ	Resection of Right Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT57ZZ	Resection of Right Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT58ZZ	Resection of Right Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT5FZZ	Resection of Right Fallopian Tube, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UT60ZZ	Resection of Left Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UT64ZZ	Resection of Left Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT67ZZ	Resection of Left Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT68ZZ	Resection of Left Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT6FZZ	Resection of Left Fallopian Tube, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UT70ZZ	Resection of Bilateral Fallopian Tubes, Open Approach	Procedure	ICD-10-PCS
0UT74ZZ	Resection of Bilateral Fallopian Tubes, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT77ZZ	Resection of Bilateral Fallopian Tubes, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT78ZZ	Resection of Bilateral Fallopian Tubes, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT7FZZ	Resection of Bilateral Fallopian Tubes, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UT90ZL	Resection of Uterus, Supracervical, Open Approach	Procedure	ICD-10-PCS
0UT90ZZ	Resection of Uterus, Open Approach	Procedure	ICD-10-PCS
0UT94ZL	Resection of Uterus, Supracervical, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT94ZZ	Resection of Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT97ZL	Resection of Uterus, Supracervical, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT97ZZ	Resection of Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT98ZL	Resection of Uterus, Supracervical, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT98ZZ	Resection of Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT9FZL	Resection of Uterus, Supracervical, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UT9FZZ	Resection of Uterus, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UTF0ZZ	Resection of Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UTF4ZZ	Resection of Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UTF7ZZ	Resection of Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UTF8ZZ	Resection of Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UU407Z	Supplement Uterine Supporting Structure with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0UU40JZ	Supplement Uterine Supporting Structure with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0UU40KZ	Supplement Uterine Supporting Structure with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0UU447Z	Supplement Uterine Supporting Structure with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UU44JZ	Supplement Uterine Supporting Structure with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UU44KZ	Supplement Uterine Supporting Structure with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UU507Z	Supplement Right Fallopian Tube with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0UU50JZ	Supplement Right Fallopian Tube with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0UU50KZ	Supplement Right Fallopian Tube with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0UU547Z	Supplement Right Fallopian Tube with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UU54JZ	Supplement Right Fallopian Tube with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UU54KZ	Supplement Right Fallopian Tube with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UU577Z	Supplement Right Fallopian Tube with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UU57JZ	Supplement Right Fallopian Tube with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UU57KZ	Supplement Right Fallopian Tube with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UU587Z	Supplement Right Fallopian Tube with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UU58JZ	Supplement Right Fallopian Tube with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UU58KZ	Supplement Right Fallopian Tube with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UU607Z	Supplement Left Fallopian Tube with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0UU60JZ	Supplement Left Fallopian Tube with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0UU60KZ	Supplement Left Fallopian Tube with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0UU647Z	Supplement Left Fallopian Tube with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UU64JZ	Supplement Left Fallopian Tube with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UU64KZ	Supplement Left Fallopian Tube with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UU677Z	Supplement Left Fallopian Tube with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UU67JZ	Supplement Left Fallopian Tube with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UU67KZ	Supplement Left Fallopian Tube with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UU687Z	Supplement Left Fallopian Tube with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UU68JZ	Supplement Left Fallopian Tube with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UU68KZ	Supplement Left Fallopian Tube with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UU707Z	Supplement Bilateral Fallopian Tubes with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0UU70JZ	Supplement Bilateral Fallopian Tubes with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0UU70KZ	Supplement Bilateral Fallopian Tubes with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0UU747Z	Supplement Bilateral Fallopian Tubes with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UU74JZ	Supplement Bilateral Fallopian Tubes with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UU74KZ	Supplement Bilateral Fallopian Tubes with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UU777Z	Supplement Bilateral Fallopian Tubes with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UU77JZ	Supplement Bilateral Fallopian Tubes with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UU77KZ	Supplement Bilateral Fallopian Tubes with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UU787Z	Supplement Bilateral Fallopian Tubes with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UU78JZ	Supplement Bilateral Fallopian Tubes with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UU78KZ	Supplement Bilateral Fallopian Tubes with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UUF07Z	Supplement Cul-de-sac with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0UUF0JZ	Supplement Cul-de-sac with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UUF0KZ	Supplement Cul-de-sac with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0UUF47Z	Supplement Cul-de-sac with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UUF4JZ	Supplement Cul-de-sac with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UUF4KZ	Supplement Cul-de-sac with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UUF77Z	Supplement Cul-de-sac with Autologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UUF7JZ	Supplement Cul-de-sac with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UUF7KZ	Supplement Cul-de-sac with Nonautologous Tissue Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UUF87Z	Supplement Cul-de-sac with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UUF8JZ	Supplement Cul-de-sac with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UUF8KZ	Supplement Cul-de-sac with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UW300Z	Revision of Drainage Device in Ovary, Open Approach	Procedure	ICD-10-PCS
0UW303Z	Revision of Infusion Device in Ovary, Open Approach	Procedure	ICD-10-PCS
0UW30YZ	Revision of Other Device in Ovary, Open Approach	Procedure	ICD-10-PCS
0UW330Z	Revision of Drainage Device in Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0UW333Z	Revision of Infusion Device in Ovary, Percutaneous Approach	Procedure	ICD-10-PCS
0UW340Z	Revision of Drainage Device in Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UW343Z	Revision of Infusion Device in Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UW34YZ	Revision of Other Device in Ovary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UW800Z	Revision of Drainage Device in Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UW803Z	Revision of Infusion Device in Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UW807Z	Revision of Autologous Tissue Substitute in Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UW80CZ	Revision of Extraluminal Device in Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UW80DZ	Revision of Intraluminal Device in Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UW80JZ	Revision of Synthetic Substitute in Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UW80KZ	Revision of Nonautologous Tissue Substitute in Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UW80YZ	Revision of Other Device in Fallopian Tube, Open Approach	Procedure	ICD-10-PCS
0UW830Z	Revision of Drainage Device in Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UW833Z	Revision of Infusion Device in Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UW837Z	Revision of Autologous Tissue Substitute in Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UW83CZ	Revision of Extraluminal Device in Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UW83DZ	Revision of Intraluminal Device in Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UW83JZ	Revision of Synthetic Substitute in Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UW83KZ	Revision of Nonautologous Tissue Substitute in Fallopian Tube, Percutaneous Approach	Procedure	ICD-10-PCS
0UW840Z	Revision of Drainage Device in Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UW843Z	Revision of Infusion Device in Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UW847Z	Revision of Autologous Tissue Substitute in Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UW84CZ	Revision of Extraluminal Device in Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UW84DZ	Revision of Intraluminal Device in Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UW84JZ	Revision of Synthetic Substitute in Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UW84KZ	Revision of Nonautologous Tissue Substitute in Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UW84YZ	Revision of Other Device in Fallopian Tube, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UW870Z	Revision of Drainage Device in Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UW873Z	Revision of Infusion Device in Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UW877Z	Revision of Autologous Tissue Substitute in Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UW87CZ	Revision of Extraluminal Device in Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UW87DZ	Revision of Intraluminal Device in Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UW87JZ	Revision of Synthetic Substitute in Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UW87KZ	Revision of Nonautologous Tissue Substitute in Fallopian Tube, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UW880Z	Revision of Drainage Device in Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UW883Z	Revision of Infusion Device in Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UW887Z	Revision of Autologous Tissue Substitute in Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UW88CZ	Revision of Extraluminal Device in Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UW88DZ	Revision of Intraluminal Device in Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UW88JZ	Revision of Synthetic Substitute in Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UW88KZ	Revision of Nonautologous Tissue Substitute in Fallopian Tube, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD00Z	Revision of Drainage Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD01Z	Revision of Radioactive Element in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD03Z	Revision of Infusion Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD07Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0CZ	Revision of Extraluminal Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0DZ	Revision of Intraluminal Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0HZ	Revision of Contraceptive Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0JZ	Revision of Synthetic Substitute in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0YZ	Revision of Other Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD30Z	Revision of Drainage Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD33Z	Revision of Infusion Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD37Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3CZ	Revision of Extraluminal Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3DZ	Revision of Intraluminal Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3HZ	Revision of Contraceptive Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3JZ	Revision of Synthetic Substitute in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UWD3KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD40Z	Revision of Drainage Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD41Z	Revision of Radioactive Element in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD43Z	Revision of Infusion Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD47Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4CZ	Revision of Extraluminal Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4DZ	Revision of Intraluminal Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4HZ	Revision of Contraceptive Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4JZ	Revision of Synthetic Substitute in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4YZ	Revision of Other Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD70Z	Revision of Drainage Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD73Z	Revision of Infusion Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD77Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7CZ	Revision of Extraluminal Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7DZ	Revision of Intraluminal Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7HZ	Revision of Contraceptive Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7JZ	Revision of Synthetic Substitute in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD80Z	Revision of Drainage Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD83Z	Revision of Infusion Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD87Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UWD8CZ	Revision of Extraluminal Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8DZ	Revision of Intraluminal Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8HZ	Revision of Contraceptive Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8JZ	Revision of Synthetic Substitute in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWH00Z	Revision of Drainage Device in Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UWH01Z	Revision of Radioactive Element in Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UWH03Z	Revision of Infusion Device in Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UWH07Z	Revision of Autologous Tissue Substitute in Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UWH0DZ	Revision of Intraluminal Device in Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UWH0JZ	Revision of Synthetic Substitute in Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UWH0KZ	Revision of Nonautologous Tissue Substitute in Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UWH0YZ	Revision of Other Device in Vagina and Cul-de-sac, Open Approach	Procedure	ICD-10-PCS
0UWH30Z	Revision of Drainage Device in Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UWH33Z	Revision of Infusion Device in Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UWH37Z	Revision of Autologous Tissue Substitute in Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UWH3DZ	Revision of Intraluminal Device in Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UWH3JZ	Revision of Synthetic Substitute in Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UWH3KZ	Revision of Nonautologous Tissue Substitute in Vagina and Cul-de-sac, Percutaneous Approach	Procedure	ICD-10-PCS
0UWH40Z	Revision of Drainage Device in Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWH41Z	Revision of Radioactive Element in Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWH43Z	Revision of Infusion Device in Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UWH47Z	Revision of Autologous Tissue Substitute in Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWH4DZ	Revision of Intraluminal Device in Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWH4JZ	Revision of Synthetic Substitute in Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWH4KZ	Revision of Nonautologous Tissue Substitute in Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWH4YZ	Revision of Other Device in Vagina and Cul-de-sac, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWH70Z	Revision of Drainage Device in Vagina and Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWH73Z	Revision of Infusion Device in Vagina and Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWH77Z	Revision of Autologous Tissue Substitute in Vagina and Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWH7DZ	Revision of Intraluminal Device in Vagina and Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWH7JZ	Revision of Synthetic Substitute in Vagina and Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWH7KZ	Revision of Nonautologous Tissue Substitute in Vagina and Cul-de-sac, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWH80Z	Revision of Drainage Device in Vagina and Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWH83Z	Revision of Infusion Device in Vagina and Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWH87Z	Revision of Autologous Tissue Substitute in Vagina and Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWH8DZ	Revision of Intraluminal Device in Vagina and Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWH8JZ	Revision of Synthetic Substitute in Vagina and Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWH8KZ	Revision of Nonautologous Tissue Substitute in Vagina and Cul-de-sac, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UY00Z0	Transplantation of Right Ovary, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0UY00Z1	Transplantation of Right Ovary, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0UY00Z2	Transplantation of Right Ovary, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0UY10Z0	Transplantation of Left Ovary, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0UY10Z1	Transplantation of Left Ovary, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0UY10Z2	Transplantation of Left Ovary, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0UY90Z0	Transplantation of Uterus, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0UY90Z1	Transplantation of Uterus, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0UY90Z2	Transplantation of Uterus, Zooplastic, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0W0F07Z	Alteration of Abdominal Wall with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0W0F0JZ	Alteration of Abdominal Wall with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W0F0KZ	Alteration of Abdominal Wall with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0W0F0ZZ	Alteration of Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0W0F37Z	Alteration of Abdominal Wall with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W0F3JZ	Alteration of Abdominal Wall with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W0F3KZ	Alteration of Abdominal Wall with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W0F3ZZ	Alteration of Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0W0F47Z	Alteration of Abdominal Wall with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W0F4JZ	Alteration of Abdominal Wall with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W0F4KZ	Alteration of Abdominal Wall with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W0F4ZZ	Alteration of Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W110JG	Bypass Cranial Cavity to Peritoneal Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W190JG	Bypass Right Pleural Cavity to Peritoneal Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W193JG	Bypass Right Pleural Cavity to Peritoneal Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W194JG	Bypass Right Pleural Cavity to Peritoneal Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W1B0JG	Bypass Left Pleural Cavity to Peritoneal Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W1B3JG	Bypass Left Pleural Cavity to Peritoneal Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W1B4JG	Bypass Left Pleural Cavity to Peritoneal Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W1G0J4	Bypass Peritoneal Cavity to Cutaneous with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W1G0J6	Bypass Peritoneal Cavity to Bladder with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W1G0J9	Bypass Peritoneal Cavity to Right Pleural Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W1G0JB	Bypass Peritoneal Cavity to Left Pleural Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0W1G0JG	Bypass Peritoneal Cavity to Peritoneal Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W1G0JJ	Bypass Peritoneal Cavity to Pelvic Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W1G0JW	Bypass Peritoneal Cavity to Upper Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W1G0JY	Bypass Peritoneal Cavity to Lower Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W1G3J6	Bypass Peritoneal Cavity to Bladder with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W1G3J9	Bypass Peritoneal Cavity to Right Pleural Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W1G3JB	Bypass Peritoneal Cavity to Left Pleural Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W1G3JG	Bypass Peritoneal Cavity to Peritoneal Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W1G3JJ	Bypass Peritoneal Cavity to Pelvic Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W1G3JW	Bypass Peritoneal Cavity to Upper Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W1G3JY	Bypass Peritoneal Cavity to Lower Vein with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W1G4J4	Bypass Peritoneal Cavity to Cutaneous with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W1G4J6	Bypass Peritoneal Cavity to Bladder with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W1G4J9	Bypass Peritoneal Cavity to Right Pleural Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W1G4JB	Bypass Peritoneal Cavity to Left Pleural Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W1G4JG	Bypass Peritoneal Cavity to Peritoneal Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W1G4JJ	Bypass Peritoneal Cavity to Pelvic Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W1G4JW	Bypass Peritoneal Cavity to Upper Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W1G4JY	Bypass Peritoneal Cavity to Lower Vein with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W1J0JG	Bypass Pelvic Cavity to Peritoneal Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0W1J3JG	Bypass Pelvic Cavity to Peritoneal Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0W1J4JG	Bypass Pelvic Cavity to Peritoneal Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0W3F0ZZ	Control Bleeding in Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0W3F3ZZ	Control Bleeding in Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0W3F4ZZ	Control Bleeding in Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W3G0ZZ	Control Bleeding in Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0W3G3ZZ	Control Bleeding in Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0W3G4ZZ	Control Bleeding in Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W3P0ZZ	Control Bleeding in Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0W3P3ZZ	Control Bleeding in Gastrointestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0W3P4ZZ	Control Bleeding in Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W3P7ZZ	Control Bleeding in Gastrointestinal Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0W9F00Z	Drainage of Abdominal Wall with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0W9F0ZZ	Drainage of Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0W9F40Z	Drainage of Abdominal Wall with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W9F4ZZ	Drainage of Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W9G00Z	Drainage of Peritoneal Cavity with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0W9G0ZZ	Drainage of Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0W9G40Z	Drainage of Peritoneal Cavity with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0W9G4ZZ	Drainage of Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WBF0ZZ	Excision of Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WBF3ZZ	Excision of Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WBF4ZZ	Excision of Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WBFXZ2	Excision of Abdominal Wall, Stoma, External Approach	Procedure	ICD-10-PCS
0WBFXZZ	Excision of Abdominal Wall, External Approach	Procedure	ICD-10-PCS
0WCG0ZZ	Extirpation of Matter from Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WCG3ZZ	Extirpation of Matter from Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0WCG4ZZ	Extirpation of Matter from Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WCP0ZZ	Extirpation of Matter from Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0WCP3ZZ	Extirpation of Matter from Gastrointestinal Tract, Percutaneous Approach	Procedure	ICD-10-PCS
0WCP4ZZ	Extirpation of Matter from Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WFG0ZZ	Fragmentation in Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WFG3ZZ	Fragmentation in Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0WFG4ZZ	Fragmentation in Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0WFP0ZZ	Fragmentation in Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0WFP4ZZ	Fragmentation in Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WHF01Z	Insertion of Radioactive Element into Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WHF03Z	Insertion of Infusion Device into Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WHF0YZ	Insertion of Other Device into Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WHF33Z	Insertion of Infusion Device into Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WHF3YZ	Insertion of Other Device into Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WHF41Z	Insertion of Radioactive Element into Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WHF43Z	Insertion of Infusion Device into Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WHF4YZ	Insertion of Other Device into Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WHG01Z	Insertion of Radioactive Element into Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WHG03Z	Insertion of Infusion Device into Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WHG0YZ	Insertion of Other Device into Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WHG3YZ	Insertion of Other Device into Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0WHG41Z	Insertion of Radioactive Element into Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WHG43Z	Insertion of Infusion Device into Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WHG4YZ	Insertion of Other Device into Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WHP01Z	Insertion of Radioactive Element into Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0WHP03Z	Insertion of Infusion Device into Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0WHP0YZ	Insertion of Other Device into Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0WHP41Z	Insertion of Radioactive Element into Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WHP43Z	Insertion of Infusion Device into Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WHP4YZ	Insertion of Other Device into Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WMF0ZZ	Reattachment of Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WPF00Z	Removal of Drainage Device from Abdominal Wall, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0WPF01Z	Removal of Radioactive Element from Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WPF03Z	Removal of Infusion Device from Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WPF07Z	Removal of Autologous Tissue Substitute from Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WPF0JZ	Removal of Synthetic Substitute from Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WPF0KZ	Removal of Nonautologous Tissue Substitute from Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WPF0YZ	Removal of Other Device from Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WPF30Z	Removal of Drainage Device from Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WPF33Z	Removal of Infusion Device from Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WPF37Z	Removal of Autologous Tissue Substitute from Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WPF3JZ	Removal of Synthetic Substitute from Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WPF3KZ	Removal of Nonautologous Tissue Substitute from Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WPF3YZ	Removal of Other Device from Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WPF40Z	Removal of Drainage Device from Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPF41Z	Removal of Radioactive Element from Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPF43Z	Removal of Infusion Device from Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPF47Z	Removal of Autologous Tissue Substitute from Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPF4JZ	Removal of Synthetic Substitute from Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPF4KZ	Removal of Nonautologous Tissue Substitute from Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPF4YZ	Removal of Other Device from Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPG00Z	Removal of Drainage Device from Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WPG01Z	Removal of Radioactive Element from Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WPG03Z	Removal of Infusion Device from Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WPG0JZ	Removal of Synthetic Substitute from Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WPG0YZ	Removal of Other Device from Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0WPG30Z	Removal of Drainage Device from Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0WPG33Z	Removal of Infusion Device from Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0WPG3JZ	Removal of Synthetic Substitute from Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0WPG3YZ	Removal of Other Device from Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0WPG40Z	Removal of Drainage Device from Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPG41Z	Removal of Radioactive Element from Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPG43Z	Removal of Infusion Device from Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPG4JZ	Removal of Synthetic Substitute from Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPG4YZ	Removal of Other Device from Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPP01Z	Removal of Radioactive Element from Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0WPP03Z	Removal of Infusion Device from Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0WPP0YZ	Removal of Other Device from Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0WPP41Z	Removal of Radioactive Element from Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPP43Z	Removal of Infusion Device from Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WPP4YZ	Removal of Other Device from Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WQF0ZZ	Repair Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WQF3ZZ	Repair Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WQF4ZZ	Repair Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WQFXZ2	Repair Abdominal Wall, Stoma, External Approach	Procedure	ICD-10-PCS
0WQFXZZ	Repair Abdominal Wall, External Approach	Procedure	ICD-10-PCS
0WUF07Z	Supplement Abdominal Wall with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0WUF0JZ	Supplement Abdominal Wall with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0WUF0KZ	Supplement Abdominal Wall with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0WUF47Z	Supplement Abdominal Wall with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0WUF4JZ	Supplement Abdominal Wall with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WUF4KZ	Supplement Abdominal Wall with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWF00Z	Revision of Drainage Device in Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WWF01Z	Revision of Radioactive Element in Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WWF03Z	Revision of Infusion Device in Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WWF07Z	Revision of Autologous Tissue Substitute in Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WWF0JZ	Revision of Synthetic Substitute in Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WWF0KZ	Revision of Nonautologous Tissue Substitute in Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WWF0YZ	Revision of Other Device in Abdominal Wall, Open Approach	Procedure	ICD-10-PCS
0WWF30Z	Revision of Drainage Device in Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WWF33Z	Revision of Infusion Device in Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WWF37Z	Revision of Autologous Tissue Substitute in Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WWF3JZ	Revision of Synthetic Substitute in Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WWF3KZ	Revision of Nonautologous Tissue Substitute in Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WWF3YZ	Revision of Other Device in Abdominal Wall, Percutaneous Approach	Procedure	ICD-10-PCS
0WWF40Z	Revision of Drainage Device in Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWF41Z	Revision of Radioactive Element in Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWF43Z	Revision of Infusion Device in Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWF47Z	Revision of Autologous Tissue Substitute in Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWF4JZ	Revision of Synthetic Substitute in Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWF4KZ	Revision of Nonautologous Tissue Substitute in Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWF4YZ	Revision of Other Device in Abdominal Wall, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWG00Z	Revision of Drainage Device in Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WWG01Z	Revision of Radioactive Element in Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0WWG03Z	Revision of Infusion Device in Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WWG0JZ	Revision of Synthetic Substitute in Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WWG0YZ	Revision of Other Device in Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
0WWG30Z	Revision of Drainage Device in Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0WWG33Z	Revision of Infusion Device in Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0WWG3JZ	Revision of Synthetic Substitute in Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0WWG3YZ	Revision of Other Device in Peritoneal Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0WWG40Z	Revision of Drainage Device in Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWG41Z	Revision of Radioactive Element in Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWG43Z	Revision of Infusion Device in Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWG4JZ	Revision of Synthetic Substitute in Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWG4YZ	Revision of Other Device in Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWP01Z	Revision of Radioactive Element in Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0WWP03Z	Revision of Infusion Device in Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0WWP0YZ	Revision of Other Device in Gastrointestinal Tract, Open Approach	Procedure	ICD-10-PCS
0WWP41Z	Revision of Radioactive Element in Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWP43Z	Revision of Infusion Device in Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0WWP4YZ	Revision of Other Device in Gastrointestinal Tract, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
10A00ZZ	Abortion of Products of Conception, Open Approach	Procedure	ICD-10-PCS
10A03ZZ	Abortion of Products of Conception, Percutaneous Approach	Procedure	ICD-10-PCS
10A04ZZ	Abortion of Products of Conception, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
10A07ZZ	Abortion of Products of Conception, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10A08ZZ	Abortion of Products of Conception, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10D00Z0	Extraction of Products of Conception, High, Open Approach	Procedure	ICD-10-PCS
10D00Z1	Extraction of Products of Conception, Low, Open Approach	Procedure	ICD-10-PCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
10D00Z2	Extraction of Products of Conception, Extraperitoneal, Open Approach	Procedure	ICD-10-PCS
10D17Z9	Manual Extraction of Products of Conception, Retained, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D17ZZ	Extraction of Products of Conception, Retained, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D18Z9	Manual Extraction of Products of Conception, Retained, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10D18ZZ	Extraction of Products of Conception, Retained, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10D20ZZ	Extraction of Products of Conception, Ectopic, Open Approach	Procedure	ICD-10-PCS
10D24ZZ	Extraction of Products of Conception, Ectopic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
10D27ZZ	Extraction of Products of Conception, Ectopic, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D28ZZ	Extraction of Products of Conception, Ectopic, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10H00YZ	Insertion of Other Device into Products of Conception, Open Approach	Procedure	ICD-10-PCS
10P00YZ	Removal of Other Device from Products of Conception, Open Approach	Procedure	ICD-10-PCS
10S20ZZ	Reposition Products of Conception, Ectopic, Open Approach	Procedure	ICD-10-PCS
10S23ZZ	Reposition Products of Conception, Ectopic, Percutaneous Approach	Procedure	ICD-10-PCS
10S24ZZ	Reposition Products of Conception, Ectopic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
10S27ZZ	Reposition Products of Conception, Ectopic, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10S28ZZ	Reposition Products of Conception, Ectopic, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10T20ZZ	Resection of Products of Conception, Ectopic, Open Approach	Procedure	ICD-10-PCS
10T23ZZ	Resection of Products of Conception, Ectopic, Percutaneous Approach	Procedure	ICD-10-PCS
10T24ZZ	Resection of Products of Conception, Ectopic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
10T27ZZ	Resection of Products of Conception, Ectopic, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10T28ZZ	Resection of Products of Conception, Ectopic, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
34710	Delayed placement of distal or proximal extension prosthesis for endovascular repair of infrarenal abdominal aortic or iliac aneurysm, false aneurysm, dissection, endoleak, or endograft migration, including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, and treatment zone angioplasty/stenting, when performed; initial vessel treated	Procedure	CPT-4
3E0M05Z	Introduction of Adhesion Barrier into Peritoneal Cavity, Open Approach	Procedure	ICD-10-PCS
3E0M45Z	Introduction of Adhesion Barrier into Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
3E0M4GC	Introduction of Other Therapeutic Substance into Peritoneal Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
3E0N4GC	Introduction of Other Therapeutic Substance into Male Reproductive, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
3E0P05Z	Introduction of Adhesion Barrier into Female Reproductive, Open Approach	Procedure	ICD-10-PCS
3E0P45Z	Introduction of Adhesion Barrier into Female Reproductive, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
3E0P4GC	Introduction of Other Therapeutic Substance into Female Reproductive, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
3E1M48Z	Irrigation of Peritoneal Cavity using Irrigating Substance, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
44120	Enterectomy, resection of small intestine; single resection and anastomosis	Procedure	CPT-4
44140	Colectomy, partial; with anastomosis	Procedure	CPT-4
44143	Colectomy, partial; with end colostomy and closure of distal segment (Hartmann type procedure)	Procedure	CPT-4
44145	Colectomy, partial; with coloproctostomy (low pelvic anastomosis)	Procedure	CPT-4
44160	Colectomy, partial, with removal of terminal ileum with ileocolostomy	Procedure	CPT-4
44204	Laparoscopy, surgical; colectomy, partial, with anastomosis	Procedure	CPT-4
44205	Laparoscopy, surgical; colectomy, partial, with removal of terminal ileum with ileocolostomy	Procedure	CPT-4
44207	Laparoscopy, surgical; colectomy, partial, with anastomosis, with coloproctostomy (low pelvic anastomosis)	Procedure	CPT-4
44970	Laparoscopy, surgical, appendectomy	Procedure	CPT-4
46930	Destruction of internal hemorrhoid(s) by thermal energy (eg, infrared coagulation, cautery, radiofrequency)	Procedure	CPT-4
47562	Laparoscopy, surgical; cholecystectomy	Procedure	CPT-4
47563	Laparoscopy, surgical; cholecystectomy with cholangiography	Procedure	CPT-4
47600	Cholecystectomy;	Procedure	CPT-4
49505	Repair initial inguinal hernia, age 5 years or older; reducible	Procedure	CPT-4

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Code	Description	Code Category	Code Type
49507	Repair initial inguinal hernia, age 5 years or older; incarcerated or strangulated	Procedure	CPT-4
49650	Laparoscopy, surgical; repair initial inguinal hernia	Procedure	CPT-4
50360	Renal allotransplantation, implantation of graft; without recipient nephrectomy	Procedure	CPT-4
6ABF0BZ	Perfusion of Hepatobiliary System and Pancreas Donor Organ, Single	Procedure	ICD-10-PCS
DDY0KZZ	Laser Interstitial Thermal Therapy of Esophagus	Procedure	ICD-10-PCS
DDY1KZZ	Laser Interstitial Thermal Therapy of Stomach	Procedure	ICD-10-PCS
DDY2KZZ	Laser Interstitial Thermal Therapy of Duodenum	Procedure	ICD-10-PCS
DDY3KZZ	Laser Interstitial Thermal Therapy of Jejunum	Procedure	ICD-10-PCS
DDY4KZZ	Laser Interstitial Thermal Therapy of Ileum	Procedure	ICD-10-PCS
DDY5KZZ	Laser Interstitial Thermal Therapy of Colon	Procedure	ICD-10-PCS
DDY7KZZ	Laser Interstitial Thermal Therapy of Rectum	Procedure	ICD-10-PCS
DDY8KZZ	Laser Interstitial Thermal Therapy of Anus	Procedure	ICD-10-PCS
DFY0KZZ	Laser Interstitial Thermal Therapy of Liver	Procedure	ICD-10-PCS
DFY1KZZ	Laser Interstitial Thermal Therapy of Gallbladder	Procedure	ICD-10-PCS
DFY2KZZ	Laser Interstitial Thermal Therapy of Bile Ducts	Procedure	ICD-10-PCS
DFY3KZZ	Laser Interstitial Thermal Therapy of Pancreas	Procedure	ICD-10-PCS
DGY2KZZ	Laser Interstitial Thermal Therapy of Adrenal Glands	Procedure	ICD-10-PCS
X051329	Destruction of Renal Sympathetic Nerve(s) using Ultrasound Ablation, Percutaneous Approach, New Technology Group 9	Procedure	ICD-10-PCS
X05133A	Destruction of Renal Sympathetic Nerve(s) using Radiofrequency Ablation, Percutaneous Approach, New Technology Group 10	Procedure	ICD-10-PCS
X2CP3T7	Extirpation of Matter from Abdominal Aorta using Computer-aided Mechanical Aspiration, Percutaneous Approach, New Technology Group 7	Procedure	ICD-10-PCS
X2VE3SA	Restriction of Descending Thoracic Aorta and Abdominal Aorta using Branched Intraluminal Device, Manufactured Integrated System, Four or More Arteries, Percutaneous Approach, New Technology Group 10	Procedure	ICD-10-PCS
Acute kidney failure			
N17	Acute kidney failure	Diagnosis	ICD-10-CM
N17.0	Acute kidney failure with tubular necrosis	Diagnosis	ICD-10-CM
N17.1	Acute kidney failure with acute cortical necrosis	Diagnosis	ICD-10-CM
N17.2	Acute kidney failure with medullary necrosis	Diagnosis	ICD-10-CM
N17.8	Other acute kidney failure	Diagnosis	ICD-10-CM
N17.9	Acute kidney failure, unspecified	Diagnosis	ICD-10-CM
O90.4	Postpartum acute kidney failure	Diagnosis	ICD-10-CM
O90.49	Other postpartum acute kidney failure	Diagnosis	ICD-10-CM
Acute myocardial infarction			
I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	Diagnosis	ICD-10-CM
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	Diagnosis	ICD-10-CM
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	Diagnosis	ICD-10-CM
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	Diagnosis	ICD-10-CM
I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery	Diagnosis	ICD-10-CM
I21.29	ST elevation (STEMI) myocardial infarction involving other sites	Diagnosis	ICD-10-CM
I21.3	ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I21.4	Non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I21.9	Acute myocardial infarction, unspecified	Diagnosis	ICD-10-CM
I21.A1	Myocardial infarction type 2	Diagnosis	ICD-10-CM
I21.A9	Other myocardial infarction type	Diagnosis	ICD-10-CM
I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall	Diagnosis	ICD-10-CM
I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall	Diagnosis	ICD-10-CM
I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites	Diagnosis	ICD-10-CM
I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I23.0	Hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.1	Atrial septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.2	Ventricular septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.7	Postinfarction angina	Diagnosis	ICD-10-CM
I23.8	Other current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
Alcohol use			
F10.10	Alcohol abuse, uncomplicated	Diagnosis	ICD-10-CM
F10.11	Alcohol abuse, in remission	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F10.120	Alcohol abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.121	Alcohol abuse with intoxication delirium	Diagnosis	ICD-10-CM
F10.129	Alcohol abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.130	Alcohol abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.131	Alcohol abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F10.132	Alcohol abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.139	Alcohol abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.14	Alcohol abuse with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.182	Alcohol abuse with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.188	Alcohol abuse with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
F10.220	Alcohol dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
F10.229	Alcohol dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.230	Alcohol dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.231	Alcohol dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.239	Alcohol dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.24	Alcohol dependence with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.26	Alcohol dependence with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.27	Alcohol dependence with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.280	Alcohol dependence with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.281	Alcohol dependence with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.282	Alcohol dependence with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.288	Alcohol dependence with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.29	Alcohol dependence with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.920	Alcohol use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F10.921	Alcohol use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F10.929	Alcohol use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.930	Alcohol use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.931	Alcohol use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F10.932	Alcohol use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.939	Alcohol use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.94	Alcohol use, unspecified with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
G62.1	Alcoholic polyneuropathy	Diagnosis	ICD-10-CM
HZ2ZZZZ	Detoxification Services for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ30ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ31ZZZ	Individual Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ32ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ33ZZZ	Individual Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ34ZZZ	Individual Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ35ZZZ	Individual Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ36ZZZ	Individual Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ37ZZZ	Individual Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ38ZZZ	Individual Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ39ZZZ	Individual Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ3BZZZ	Individual Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ40ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ41ZZZ	Group Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
HZ42ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ43ZZZ	Group Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ44ZZZ	Group Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ45ZZZ	Group Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ46ZZZ	Group Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ47ZZZ	Group Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ48ZZZ	Group Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ49ZZZ	Group Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ4BZZZ	Group Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ50ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ51ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ52ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ53ZZZ	Individual Psychotherapy for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ54ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ55ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Interactive	Procedure	ICD-10-PCS
HZ56ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ57ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ58ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ59ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Supportive	Procedure	ICD-10-PCS
HZ5BZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychoanalysis	Procedure	ICD-10-PCS
HZ5CZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychodynamic	Procedure	ICD-10-PCS
HZ5DZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychophysiological	Procedure	ICD-10-PCS
HZ63ZZZ	Family Counseling for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ83ZZZ	Medication Management for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
HZ86ZZZ	Medication Management for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
HZ88ZZZ	Medication Management for Substance Abuse Treatment, Psychiatric Medication	Procedure	ICD-10-PCS
HZ89ZZZ	Medication Management for Substance Abuse Treatment, Other Replacement Medication	Procedure	ICD-10-PCS
HZ93ZZZ	Pharmacotherapy for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
HZ98ZZZ	Pharmacotherapy for Substance Abuse Treatment, Psychiatric Medication	Procedure	ICD-10-PCS
HZ99ZZZ	Pharmacotherapy for Substance Abuse Treatment, Other Replacement Medication	Procedure	ICD-10-PCS
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
K29.20	Alcoholic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.21	Alcoholic gastritis with bleeding	Diagnosis	ICD-10-CM
K70.0	Alcoholic fatty liver	Diagnosis	ICD-10-CM
K70.10	Alcoholic hepatitis without ascites	Diagnosis	ICD-10-CM
K70.11	Alcoholic hepatitis with ascites	Diagnosis	ICD-10-CM
K70.2	Alcoholic fibrosis and sclerosis of liver	Diagnosis	ICD-10-CM
K70.30	Alcoholic cirrhosis of liver without ascites	Diagnosis	ICD-10-CM
K70.31	Alcoholic cirrhosis of liver with ascites	Diagnosis	ICD-10-CM
K70.40	Alcoholic hepatic failure without coma	Diagnosis	ICD-10-CM
K70.41	Alcoholic hepatic failure with coma	Diagnosis	ICD-10-CM
K70.9	Alcoholic liver disease, unspecified	Diagnosis	ICD-10-CM
P04.3	Newborn affected by maternal use of alcohol	Diagnosis	ICD-10-CM
Q86.0	Fetal alcohol syndrome (dysmorphic)	Diagnosis	ICD-10-CM
R78.0	Finding of alcohol in blood	Diagnosis	ICD-10-CM
T51.0X1A	Toxic effect of ethanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.0X2A	Toxic effect of ethanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.0X3A	Toxic effect of ethanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.0X4A	Toxic effect of ethanol, undetermined, initial encounter	Diagnosis	ICD-10-CM
Z71.41	Alcohol abuse counseling and surveillance of alcoholic	Diagnosis	ICD-10-CM
Antibiotics			
C9116	Injection, ertapenem sodium, per 1 gram vial	Procedure	HCPCS
C9124	Injection, daptomycin, per 1 mg	Procedure	HCPCS
C9228	Injection, tigecycline, per 1 mg	Procedure	HCPCS
C9241	Injection, doripenem, 10 mg	Procedure	HCPCS
C9446	Injection, tedizolid phosphate, 1 mg	Procedure	HCPCS
J0278	Injection, amikacin sulfate, 100 mg	Procedure	HCPCS
J0290	Injection, ampicillin sodium, 500 mg	Procedure	HCPCS
J0295	Injection, ampicillin sodium/sulbactam sodium, per 1.5 g	Procedure	HCPCS
J0456	Injection, azithromycin, 500 mg	Procedure	HCPCS
J0457	Injection, aztreonam, 100 mg	Procedure	HCPCS
J0458	Injection, aztreonam/avibactam, 7.5 mg/2.5 mg (10 mg)	Procedure	HCPCS
J0525	Injection, cefotetan disodium, 10 mg	Procedure	HCPCS

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Code	Description	Code Category	Code Type
J0530	Injection, penicillin G benzathine and penicillin G procaine, up to 600,000 units	Procedure	HCPCS
J0540	Injection, penicillin G benzathine and penicillin G procaine, up to 1,200,000 units	Procedure	HCPCS
J0550	Injection, penicillin G benzathine and penicillin G procaine, up to 2,400,000 units	Procedure	HCPCS
J0558	Injection, penicillin G benzathine and penicillin G procaine, 100,000 units	Procedure	HCPCS
J0559	Injection, penicillin G benzathine and penicillin G procaine, 2500 units	Procedure	HCPCS
J0560	Injection, penicillin G benzathine, up to 600,000 units	Procedure	HCPCS
J0561	Injection, penicillin G benzathine, 100,000 units	Procedure	HCPCS
J0580	Injection, penicillin G benzathine, up to 2,400,000 units	Procedure	HCPCS
J0681	Injection, ceftobiprole medocaril sodium, 3 mg	Procedure	HCPCS
J0687	Injection, cefazolin sodium (WG Critical Care), not therapeutically equivalent to J0690, 500 mg	Procedure	HCPCS
J0688	Injection, cefazolin sodium (Hikma), not therapeutically equivalent to J0690, 500 mg	Procedure	HCPCS
J0689	Injection, cefazolin sodium (Baxter), not therapeutically equivalent to J0690, 500 mg	Procedure	HCPCS
J0690	Injection, cefazolin sodium, 500 mg	Procedure	HCPCS
J0692	Injection, cefepime HCl, 500 mg	Procedure	HCPCS
J0694	Injection, cefoxitin sodium, 1 g	Procedure	HCPCS
J0696	Injection, ceftriaxone sodium, per 250 mg	Procedure	HCPCS
J0697	Injection, sterile cefuroxime sodium, per 750 mg	Procedure	HCPCS
J0698	Injection, cefotaxime sodium, per g	Procedure	HCPCS
J0701	Injection, cefepime HCl (Baxter), not therapeutically equivalent to Maxipime, 500 mg	Procedure	HCPCS
J0703	Injection, cefepime HCl (B. Braun), not therapeutically equivalent to Maxipime, 500 mg	Procedure	HCPCS
J0713	Injection, ceftazidime, per 500 mg	Procedure	HCPCS
J0714	Injection, ceftazidime and avibactam, 0.5 g/0.125 g	Procedure	HCPCS
J0720	Injection, chloramphenicol sodium succinate, up to 1 g	Procedure	HCPCS
J0736	Injection, clindamycin phosphate, 300 mg	Procedure	HCPCS
J0737	Injection, clindamycin phosphate (Baxter), not therapeutically equivalent to J0736, 300 mg	Procedure	HCPCS
J0872	Injection, daptomycin (Xellia), unrefrigerated, not therapeutically equivalent to J0878 or J0873, 1 mg	Procedure	HCPCS
J0873	Injection, daptomycin (Xellia), not therapeutically equivalent to J0878 or J0872, 1 mg	Procedure	HCPCS
J0874	Injection, daptomycin (Baxter), not therapeutically equivalent to J0878, 1 mg	Procedure	HCPCS
J0877	Injection, daptomycin (Hospira), not therapeutically equivalent to J0878, 1 mg	Procedure	HCPCS

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Code	Description	Code Category	Code Type
J0878	Injection, daptomycin, 1 mg	Procedure	HCPCS
J1267	Injection, doripenem, 10 mg	Procedure	HCPCS
J1271	Injection, doxycycline hyclate, 1 mg	Procedure	HCPCS
J1335	Injection, ertapenem sodium, 500 mg	Procedure	HCPCS
J1364	Injection, erythromycin lactobionate, per 500 mg	Procedure	HCPCS
J1590	Injection, gatifloxacin, 10 mg	Procedure	HCPCS
J1834	Injection, isoniazid, 1 mg	Procedure	HCPCS
J1836	Injection, metronidazole, 10 mg	Procedure	HCPCS
J1840	Injection, kanamycin sulfate, up to 500 mg	Procedure	HCPCS
J1850	Injection, kanamycin sulfate, up to 75 mg	Procedure	HCPCS
J1956	Injection, levofloxacin, 250 mg	Procedure	HCPCS
J2010	Injection, lincomycin HCl, up to 300 mg	Procedure	HCPCS
J2183	Injection, meropenem (WG Critical Care), not therapeutically equivalent to J2185, 100 mg	Procedure	HCPCS
J2184	Injection, meropenem (B. Braun), not therapeutically equivalent to J2185, 100 mg	Procedure	HCPCS
J2185	Injection, meropenem, 100 mg	Procedure	HCPCS
J2186	Injection, meropenem, vaborbactam, 10 mg/10 mg, (20 mg)	Procedure	HCPCS
J2265	Injection, minocycline HCl, 1 mg	Procedure	HCPCS
J2290	Injection, nafcillin sodium, 20 mg	Procedure	HCPCS
J2291	Injection, nafcillin sodium (Baxter), 20 mg	Procedure	HCPCS
J2460	Injection, oxytetracycline HCl, up to 50 mg	Procedure	HCPCS
J2510	Injection, penicillin G procaine, aqueous, up to 600,000 units	Procedure	HCPCS
J2540	Injection, penicillin G potassium, up to 600,000 units	Procedure	HCPCS
J2543	Injection, piperacillin sodium/tazobactam sodium, 1 g/0.125 g (1.125 g)	Procedure	HCPCS
J2700	Injection, oxacillin sodium, up to 250 mg	Procedure	HCPCS
J2770	Injection, quinupristin/dalfopristin, 500 mg (150/350)	Procedure	HCPCS
J2804	Injection, rifampin, 1 mg	Procedure	HCPCS
J2865	Injection, sulfamethoxazole 5 mg and trimethoprim 1 mg	Procedure	HCPCS
J3090	Injection, tedizolid phosphate, 1 mg	Procedure	HCPCS
J3243	Injection, tigecycline, 1 mg	Procedure	HCPCS
J3244	Injection, tigecycline (Accord), not therapeutically equivalent to J3243, 1 mg	Procedure	HCPCS
J3260	Injection, tobramycin sulfate, up to 80 mg	Procedure	HCPCS
J3370	Injection, vancomycin HCl, 500 mg	Procedure	HCPCS
J3371	Injection, vancomycin HCl (Mylan), not therapeutically equivalent to J3370, 500 mg	Procedure	HCPCS
J3372	Injection, vancomycin HCl (Xellia), not therapeutically equivalent to J3370, 500 mg	Procedure	HCPCS
J3373	Injection, vancomycin HCl, 10 mg	Procedure	HCPCS
J3374	Injection, vancomycin HCl (Mylan) not therapeutically equivalent to J3373, 10 mg	Procedure	HCPCS

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Code	Description	Code Category	Code Type
J3375	Injection, vancomycin HCl (Xellia), not therapeutically equivalent to J3373, 10 mg	Procedure	HCPCS
J7682	Tobramycin, inhalation solution, FDA-approved final product, noncompounded, unit dose form, administered through DME, per 300 mg	Procedure	HCPCS
J7685	Tobramycin, inhalation solution, compounded product, administered through DME, unit dose form, per 300 mg	Procedure	HCPCS
S0016	Injection, amikacin sulfate, 500 mg	Procedure	HCPCS
S0030	Injection, metronidazole, 500 mg	Procedure	HCPCS
S0032	Injection, nafcillin sodium, 2 g	Procedure	HCPCS
S0039	Injection, sulfamethoxazole and trimethoprim, 10 ml	Procedure	HCPCS
S0072	Injection, amikacin sulfate, 100 mg	Procedure	HCPCS
S0073	Injection, aztreonam, 500 mg	Procedure	HCPCS
S0074	Injection, cefotetan disodium, 500 mg	Procedure	HCPCS
S0077	Injection, clindamycin phosphate, 300 mg	Procedure	HCPCS
S0085	Injection, gatifloxacin, 200 mg	Procedure	HCPCS
XW03321	Introduction of Ceftazidime-Avibactam Anti-infective into Peripheral Vein, Percutaneous Approach, New Technology Group 1	Procedure	ICD-10-PCS
XW0335A	Introduction of Ceftobiprole Medocaril Anti-infective into Peripheral Vein, Percutaneous Approach, New Technology Group 10	Procedure	ICD-10-PCS
XW033N5	Introduction of Meropenem-vaborbactam Anti-infective into Peripheral Vein, Percutaneous Approach, New Technology Group 5	Procedure	ICD-10-PCS
XW033PB	Introduction of Aztreonam-avibactam Anti-infective into Peripheral Vein, Percutaneous Approach, New Technology Group 11	Procedure	ICD-10-PCS
XW04321	Introduction of Ceftazidime-Avibactam Anti-infective into Central Vein, Percutaneous Approach, New Technology Group 1	Procedure	ICD-10-PCS
XW0435A	Introduction of Ceftobiprole Medocaril Anti-infective into Central Vein, Percutaneous Approach, New Technology Group 10	Procedure	ICD-10-PCS
XW043N5	Introduction of Meropenem-vaborbactam Anti-infective into Central Vein, Percutaneous Approach, New Technology Group 5	Procedure	ICD-10-PCS
XW043PB	Introduction of Aztreonam-avibactam Anti-infective into Central Vein, Percutaneous Approach, New Technology Group 11	Procedure	ICD-10-PCS
XW0U0GA	Introduction of Vancomycin Hydrochloride and Tobramycin Sulfate Anti-Infective, Temporary Irrigation Spacer System into Joints, Open Approach, New Technology Group 10	Procedure	ICD-10-PCS
Antidepressants			
C9055	Injection, brexanolone, 1 mg	Procedure	HCPCS
J1320	Injection, amitriptyline HCl, up to 20 mg	Procedure	HCPCS
J1632	Injection, brexanolone, 1 mg	Procedure	HCPCS
J3270	Injection, imipramine hcl, up to 25 mg	Procedure	HCPCS
XW03306	Introduction of Brexanolone into Peripheral Vein, Percutaneous Approach, New Technology Group 6	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
XW04306	Introduction of Brexanolone into Central Vein, Percutaneous Approach, New Technology Group 6	Procedure	ICD-10-PCS
Antipsychotics			
C9035	Injection, aripiprazole lauroxil (Aristada Initio), 1 mg	Procedure	HCPCS
C9037	Injection, risperidone (Perseris), 0.5 mg	Procedure	HCPCS
C9125	Injection, risperidone, per 12.5 mg	Procedure	HCPCS
C9152	Injection, aripiprazole, (Abilify Asimtufii), 1 mg	Procedure	HCPCS
C9158	Injection, risperidone, (Uzedy), 1 mg	Procedure	HCPCS
C9204	Injection, ziprasidone mesylate injection, per 20 mg	Procedure	HCPCS
C9255	Injection, paliperidone palmitate, 1 mg	Procedure	HCPCS
C9470	Injection, aripiprazole lauroxil, 1 mg	Procedure	HCPCS
C9497	Loxapine, inhalation powder, 10 mg	Procedure	HCPCS
J0400	Injection, aripiprazole, intramuscular, 0.25 mg	Procedure	HCPCS
J0401	Injection, aripiprazole (Abilify Maintena), 1 mg	Procedure	HCPCS
J0402	Injection, aripiprazole (Abilify Asimtufii), 1 mg	Procedure	HCPCS
J1630	Injection, haloperidol, up to 5 mg	Procedure	HCPCS
J1631	Injection, haloperidol decanoate, per 50 mg	Procedure	HCPCS
J1942	Injection, aripiprazole lauroxil, 1 mg	Procedure	HCPCS
J1943	Injection, aripiprazole lauroxil, (Aristada Initio), 1 mg	Procedure	HCPCS
J1944	Injection, aripiprazole lauroxil, (Aristada), 1 mg	Procedure	HCPCS
J2062	Loxapine for inhalation, 1 mg	Procedure	HCPCS
J2358	Injection, olanzapine, long-acting, 1 mg	Procedure	HCPCS
J2359	Injection, olanzapine, 0.5 mg	Procedure	HCPCS
J2426	Injection, paliperidone palmitate extended release (Invega Sustenna), 1 mg	Procedure	HCPCS
J2427	Injection, paliperidone palmitate extended release (Invega Hafyera or Invega Trinza), 1 mg	Procedure	HCPCS
J2428	Injection, paliperidone palmitate extended release (Erzofri), 1 mg	Procedure	HCPCS
J2679	Injection, fluphenazine HCl, 1.25 mg	Procedure	HCPCS
J2680	Injection, fluphenazine decanoate, up to 25 mg	Procedure	HCPCS
J2794	Injection, risperidone (RISPERDAL CONSTA), 0.5 mg	Procedure	HCPCS
J2798	Injection, risperidone, (Perseris), 0.5 mg	Procedure	HCPCS
J2799	Injection, risperidone (Uzedy), 1 mg	Procedure	HCPCS
J2801	Injection, risperidone (Rykindo), 0.5 mg	Procedure	HCPCS
J3230	Injection, chlorpromazine HCl, up to 50 mg	Procedure	HCPCS
J3310	Injection, perphenazine, up to 5 mg	Procedure	HCPCS
J3486	Injection, ziprasidone mesylate, 10 mg	Procedure	HCPCS
S0163	Injection, risperidone, long acting, 12.5 mg	Procedure	HCPCS
S0166	Injection, olanzapine, 2.5 mg	Procedure	HCPCS
Arrhythmia			
I45.6	Pre-excitation syndrome	Diagnosis	ICD-10-CM
I46	Cardiac arrest	Diagnosis	ICD-10-CM
I46.2	Cardiac arrest due to underlying cardiac condition	Diagnosis	ICD-10-CM
I46.8	Cardiac arrest due to other underlying condition	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I46.9	Cardiac arrest, cause unspecified	Diagnosis	ICD-10-CM
I47	Paroxysmal tachycardia	Diagnosis	ICD-10-CM
I47.0	Re-entry ventricular arrhythmia	Diagnosis	ICD-10-CM
I47.1	Supraventricular tachycardia	Diagnosis	ICD-10-CM
I47.2	Ventricular tachycardia	Diagnosis	ICD-10-CM
I47.9	Paroxysmal tachycardia, unspecified	Diagnosis	ICD-10-CM
I48	Atrial fibrillation and flutter	Diagnosis	ICD-10-CM
I48.0	Paroxysmal atrial fibrillation	Diagnosis	ICD-10-CM
I48.1	Persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.11	Longstanding persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.19	Other persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.2	Chronic atrial fibrillation	Diagnosis	ICD-10-CM
I48.20	Chronic atrial fibrillation, unspecified	Diagnosis	ICD-10-CM
I48.21	Permanent atrial fibrillation	Diagnosis	ICD-10-CM
I48.3	Typical atrial flutter	Diagnosis	ICD-10-CM
I48.4	Atypical atrial flutter	Diagnosis	ICD-10-CM
I48.9	Unspecified atrial fibrillation and atrial flutter	Diagnosis	ICD-10-CM
I48.91	Unspecified atrial fibrillation	Diagnosis	ICD-10-CM
I48.92	Unspecified atrial flutter	Diagnosis	ICD-10-CM
I49	Other cardiac arrhythmias	Diagnosis	ICD-10-CM
I49.0	Ventricular fibrillation and flutter	Diagnosis	ICD-10-CM
I49.01	Ventricular fibrillation	Diagnosis	ICD-10-CM
I49.02	Ventricular flutter	Diagnosis	ICD-10-CM
I49.1	Atrial premature depolarization	Diagnosis	ICD-10-CM
I49.2	Junctional premature depolarization	Diagnosis	ICD-10-CM
I49.3	Ventricular premature depolarization	Diagnosis	ICD-10-CM
I49.4	Other and unspecified premature depolarization	Diagnosis	ICD-10-CM
I49.40	Unspecified premature depolarization	Diagnosis	ICD-10-CM
I49.49	Other premature depolarization	Diagnosis	ICD-10-CM
I49.8	Other specified cardiac arrhythmias	Diagnosis	ICD-10-CM
I49.9	Cardiac arrhythmia, unspecified	Diagnosis	ICD-10-CM
R00.0	Tachycardia, unspecified	Diagnosis	ICD-10-CM
R00.1	Bradycardia, unspecified	Diagnosis	ICD-10-CM
R00.2	Palpitations	Diagnosis	ICD-10-CM
Bladder and GI anticholinergics			
J0460	Injection, atropine sulfate, up to 0.3 mg	Procedure	HCPCS
J0461	Injection, atropine sulfate, 0.01 mg	Procedure	HCPCS
J0462	Injection, atropine sulfate, not therapeutically equivalent to J0461, 0.01 mg	Procedure	HCPCS
J1980	Injection, hyoscyamine sulfate, up to 0.25 mg	Procedure	HCPCS
Calcium Channel Blockers			
C9248	Injection, clevidipine butyrate, 1 mg	Procedure	HCPCS
J2404	Injection, nicardipine, 0.1 mg	Procedure	HCPCS
Celiac disease			

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Code	Description	Code Category	Code Type
K90.0	Celiac disease	Diagnosis	ICD-10-CM
Chronic idiopathic constipation			
K59.04	Chronic idiopathic constipation	Diagnosis	ICD-10-CM
Chronic kidney disease			
A18.11	Tuberculosis of kidney and ureter	Diagnosis	ICD-10-CM
A52.75	Syphilis of kidney and ureter	Diagnosis	ICD-10-CM
B52.0	Plasmodium malariae malaria with nephropathy	Diagnosis	ICD-10-CM
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	Diagnosis	ICD-10-CM
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication	Diagnosis	ICD-10-CM
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
K76.7	Hepatorenal syndrome	Diagnosis	ICD-10-CM
M10.30	Gout due to renal impairment, unspecified site	Diagnosis	ICD-10-CM
M10.311	Gout due to renal impairment, right shoulder	Diagnosis	ICD-10-CM
M10.312	Gout due to renal impairment, left shoulder	Diagnosis	ICD-10-CM
M10.319	Gout due to renal impairment, unspecified shoulder	Diagnosis	ICD-10-CM
M10.321	Gout due to renal impairment, right elbow	Diagnosis	ICD-10-CM
M10.322	Gout due to renal impairment, left elbow	Diagnosis	ICD-10-CM
M10.329	Gout due to renal impairment, unspecified elbow	Diagnosis	ICD-10-CM
M10.331	Gout due to renal impairment, right wrist	Diagnosis	ICD-10-CM
M10.332	Gout due to renal impairment, left wrist	Diagnosis	ICD-10-CM
M10.339	Gout due to renal impairment, unspecified wrist	Diagnosis	ICD-10-CM
M10.341	Gout due to renal impairment, right hand	Diagnosis	ICD-10-CM
M10.342	Gout due to renal impairment, left hand	Diagnosis	ICD-10-CM
M10.349	Gout due to renal impairment, unspecified hand	Diagnosis	ICD-10-CM
M10.351	Gout due to renal impairment, right hip	Diagnosis	ICD-10-CM
M10.352	Gout due to renal impairment, left hip	Diagnosis	ICD-10-CM
M10.359	Gout due to renal impairment, unspecified hip	Diagnosis	ICD-10-CM
M10.361	Gout due to renal impairment, right knee	Diagnosis	ICD-10-CM
M10.362	Gout due to renal impairment, left knee	Diagnosis	ICD-10-CM
M10.369	Gout due to renal impairment, unspecified knee	Diagnosis	ICD-10-CM
M10.371	Gout due to renal impairment, right ankle and foot	Diagnosis	ICD-10-CM
M10.372	Gout due to renal impairment, left ankle and foot	Diagnosis	ICD-10-CM
M10.379	Gout due to renal impairment, unspecified ankle and foot	Diagnosis	ICD-10-CM
M10.38	Gout due to renal impairment, vertebrae	Diagnosis	ICD-10-CM
M10.39	Gout due to renal impairment, multiple sites	Diagnosis	ICD-10-CM
M32.14	Glomerular disease in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M35.04	Sjogren syndrome with tubulo-interstitial nephropathy	Diagnosis	ICD-10-CM
M35.0A	Sjogren syndrome with glomerular disease	Diagnosis	ICD-10-CM
N01.0	Rapidly progressive nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N01.1	Rapidly progressive nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N01.2	Rapidly progressive nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N01.3	Rapidly progressive nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N01.4	Rapidly progressive nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N01.5	Rapidly progressive nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
N01.6	Rapidly progressive nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N01.7	Rapidly progressive nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N01.8	Rapidly progressive nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N01.9	Rapidly progressive nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N01.A	Rapidly progressive nephritic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N02.0	Recurrent and persistent hematuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N02.1	Recurrent and persistent hematuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N02.2	Recurrent and persistent hematuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N02.3	Recurrent and persistent hematuria with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N02.4	Recurrent and persistent hematuria with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N02.5	Recurrent and persistent hematuria with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N02.6	Recurrent and persistent hematuria with dense deposit disease	Diagnosis	ICD-10-CM
N02.7	Recurrent and persistent hematuria with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N02.8	Recurrent and persistent hematuria with other morphologic changes	Diagnosis	ICD-10-CM
N02.9	Recurrent and persistent hematuria with unspecified morphologic changes	Diagnosis	ICD-10-CM
N02.A	Recurrent and persistent hematuria with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N03.0	Chronic nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N03.1	Chronic nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N03.2	Chronic nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N03.3	Chronic nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N03.4	Chronic nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N03.5	Chronic nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N03.6	Chronic nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N03.7	Chronic nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
N03.8	Chronic nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N03.9	Chronic nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N03.A	Chronic nephritic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N04.0	Nephrotic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N04.1	Nephrotic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N04.2	Nephrotic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N04.3	Nephrotic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N04.4	Nephrotic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N04.5	Nephrotic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N04.6	Nephrotic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N04.7	Nephrotic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N04.8	Nephrotic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N04.9	Nephrotic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N04.A	Nephrotic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N05.0	Unspecified nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N05.1	Unspecified nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N05.2	Unspecified nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N05.3	Unspecified nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N05.4	Unspecified nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N05.5	Unspecified nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N05.6	Unspecified nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N05.7	Unspecified nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N05.8	Unspecified nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N05.9	Unspecified nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N05.A	Unspecified nephritic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N06.0	Isolated proteinuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N06.1	Isolated proteinuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N06.2	Isolated proteinuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N06.3	Isolated proteinuria with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N06.4	Isolated proteinuria with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
N06.5	Isolated proteinuria with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N06.6	Isolated proteinuria with dense deposit disease	Diagnosis	ICD-10-CM
N06.7	Isolated proteinuria with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N06.8	Isolated proteinuria with other morphologic lesion	Diagnosis	ICD-10-CM
N06.9	Isolated proteinuria with unspecified morphologic lesion	Diagnosis	ICD-10-CM
N06.A	Isolated proteinuria with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N07.0	Hereditary nephropathy, not elsewhere classified with minor glomerular abnormality	Diagnosis	ICD-10-CM
N07.1	Hereditary nephropathy, not elsewhere classified with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N07.2	Hereditary nephropathy, not elsewhere classified with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N07.3	Hereditary nephropathy, not elsewhere classified with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N07.4	Hereditary nephropathy, not elsewhere classified with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N07.5	Hereditary nephropathy, not elsewhere classified with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N07.6	Hereditary nephropathy, not elsewhere classified with dense deposit disease	Diagnosis	ICD-10-CM
N07.7	Hereditary nephropathy, not elsewhere classified with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N07.8	Hereditary nephropathy, not elsewhere classified with other morphologic lesions	Diagnosis	ICD-10-CM
N07.9	Hereditary nephropathy, not elsewhere classified with unspecified morphologic lesions	Diagnosis	ICD-10-CM
N07.A	Hereditary nephropathy, not elsewhere classified with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N08	Glomerular disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
N14.0	Analgesic nephropathy	Diagnosis	ICD-10-CM
N14.1	Nephropathy induced by other drugs, medicaments and biological substances	Diagnosis	ICD-10-CM
N14.2	Nephropathy induced by unspecified drug, medicament or biological substance	Diagnosis	ICD-10-CM
N14.3	Nephropathy induced by heavy metals	Diagnosis	ICD-10-CM
N14.4	Toxic nephropathy, not elsewhere classified	Diagnosis	ICD-10-CM
N15.0	Balkan nephropathy	Diagnosis	ICD-10-CM
N15.8	Other specified renal tubulo-interstitial diseases	Diagnosis	ICD-10-CM
N15.9	Renal tubulo-interstitial disease, unspecified	Diagnosis	ICD-10-CM
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
N18.1	Chronic kidney disease, stage 1	Diagnosis	ICD-10-CM
N18.2	Chronic kidney disease, stage 2 (mild)	Diagnosis	ICD-10-CM
N18.3	Chronic kidney disease, stage 3 (moderate)	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
N18.30	Chronic kidney disease, stage 3 unspecified	Diagnosis	ICD-10-CM
N18.31	Chronic kidney disease, stage 3a	Diagnosis	ICD-10-CM
N18.32	Chronic kidney disease, stage 3b	Diagnosis	ICD-10-CM
N18.4	Chronic kidney disease, stage 4 (severe)	Diagnosis	ICD-10-CM
N18.5	Chronic kidney disease, stage 5	Diagnosis	ICD-10-CM
N18.6	End stage renal disease	Diagnosis	ICD-10-CM
N18.9	Chronic kidney disease, unspecified	Diagnosis	ICD-10-CM
N25.1	Nephrogenic diabetes insipidus	Diagnosis	ICD-10-CM
N25.89	Other disorders resulting from impaired renal tubular function	Diagnosis	ICD-10-CM
N25.9	Disorder resulting from impaired renal tubular function, unspecified	Diagnosis	ICD-10-CM
N26.1	Atrophy of kidney (terminal)	Diagnosis	ICD-10-CM
N26.9	Renal sclerosis, unspecified	Diagnosis	ICD-10-CM
N99.0	Postprocedural (acute) (chronic) kidney failure	Diagnosis	ICD-10-CM
Q61.02	Congenital multiple renal cysts	Diagnosis	ICD-10-CM
Q61.11	Cystic dilatation of collecting ducts	Diagnosis	ICD-10-CM
Q61.19	Other polycystic kidney, infantile type	Diagnosis	ICD-10-CM
Q61.2	Polycystic kidney, adult type	Diagnosis	ICD-10-CM
Q61.3	Polycystic kidney, unspecified	Diagnosis	ICD-10-CM
Q61.4	Renal dysplasia	Diagnosis	ICD-10-CM
Q61.5	Medullary cystic kidney	Diagnosis	ICD-10-CM
Q61.8	Other cystic kidney diseases	Diagnosis	ICD-10-CM
Chronic obstructive pulmonary disease			
J40	Bronchitis, not specified as acute or chronic	Diagnosis	ICD-10-CM
J41.0	Simple chronic bronchitis	Diagnosis	ICD-10-CM
J41.1	Mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J41.8	Mixed simple and mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J42	Unspecified chronic bronchitis	Diagnosis	ICD-10-CM
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]	Diagnosis	ICD-10-CM
J43.1	Panlobular emphysema	Diagnosis	ICD-10-CM
J43.2	Centrilobular emphysema	Diagnosis	ICD-10-CM
J43.8	Other emphysema	Diagnosis	ICD-10-CM
J43.9	Emphysema, unspecified	Diagnosis	ICD-10-CM
J44.0	Chronic obstructive pulmonary disease with (acute) lower respiratory infection	Diagnosis	ICD-10-CM
J44.1	Chronic obstructive pulmonary disease with (acute) exacerbation	Diagnosis	ICD-10-CM
J44.9	Chronic obstructive pulmonary disease, unspecified	Diagnosis	ICD-10-CM
J47.0	Bronchiectasis with acute lower respiratory infection	Diagnosis	ICD-10-CM
J47.1	Bronchiectasis with (acute) exacerbation	Diagnosis	ICD-10-CM
J47.9	Bronchiectasis, uncomplicated	Diagnosis	ICD-10-CM
Colonosopy			
0066T	Computed tomographic (CT) colonography (ie, virtual colonoscopy); screening	Procedure	CPT-3

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Code	Description	Code Category	Code Type
0067T	Computed tomographic (CT) colonography (ie, virtual colonoscopy); diagnostic	Procedure	CPT-3
0885T	Colonoscopy, flexible, with initial transendoscopic mechanical dilation (eg, nondrug-coated balloon) followed by therapeutic drug delivery by drug-coated balloon catheter for colonic stricture, including fluoroscopic guidance, when performed	Procedure	CPT-3
3775F	Adenoma(s) or other neoplasm detected during screening colonoscopy (SCADR)	Procedure	CPT-2
3776F	Adenoma(s) or other neoplasm not detected during screening colonoscopy (SCADR)	Procedure	CPT-2
44388	Colonoscopy through stoma; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)	Procedure	CPT-4
44389	Colonoscopy through stoma; with biopsy, single or multiple	Procedure	CPT-4
44390	Colonoscopy through stoma; with removal of foreign body(s)	Procedure	CPT-4
44391	Colonoscopy through stoma; with control of bleeding, any method	Procedure	CPT-4
44392	Colonoscopy through stoma; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps	Procedure	CPT-4
44393	Colonoscopy through stoma; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique	Procedure	CPT-4
44394	Colonoscopy through stoma; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique	Procedure	CPT-4
44397	Colonoscopy through stoma; with transendoscopic stent placement (includes predilation)	Procedure	CPT-4
44401	Colonoscopy through stoma; with ablation of tumor(s), polyp(s), or other lesion(s) (includes pre-and post-dilation and guide wire passage, when performed)	Procedure	CPT-4
44402	Colonoscopy through stoma; with endoscopic stent placement (including pre- and post-dilation and guide wire passage, when performed)	Procedure	CPT-4
44403	Colonoscopy through stoma; with endoscopic mucosal resection	Procedure	CPT-4
44404	Colonoscopy through stoma; with directed submucosal injection(s), any substance	Procedure	CPT-4
44405	Colonoscopy through stoma; with transendoscopic balloon dilation	Procedure	CPT-4
44406	Colonoscopy through stoma; with endoscopic ultrasound examination, limited to the sigmoid, descending, transverse, or ascending colon and cecum and adjacent structures	Procedure	CPT-4
44407	Colonoscopy through stoma; with transendoscopic ultrasound guided intramural or transmural fine needle aspiration/biopsy(s), includes endoscopic ultrasound examination limited to the sigmoid, descending, transverse, or ascending colon and cecum and adjacent structures	Procedure	CPT-4

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Code	Description	Code Category	Code Type
44408	Colonoscopy through stoma; with decompression (for pathologic distention) (eg, volvulus, megacolon), including placement of decompression tube, when performed	Procedure	CPT-4
45330	Sigmoidoscopy, flexible; diagnostic, with or without collection of specimen(s) by brushing or washing (separate procedure)	Procedure	CPT-4
45331	Sigmoidoscopy, flexible; with biopsy, single or multiple	Procedure	CPT-4
45332	Sigmoidoscopy, flexible; with removal of foreign body	Procedure	CPT-4
45333	Sigmoidoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps	Procedure	CPT-4
45334	Sigmoidoscopy, flexible; with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)	Procedure	CPT-4
45335	Sigmoidoscopy, flexible; with directed submucosal injection(s), any substance	Procedure	CPT-4
45337	Sigmoidoscopy, flexible; with decompression (for pathologic distention) (eg, volvulus, megacolon), including placement of decompression tube, when performed	Procedure	CPT-4
45338	Sigmoidoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique	Procedure	CPT-4
45339	Sigmoidoscopy, flexible; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique	Procedure	CPT-4
45340	Sigmoidoscopy, flexible; with transendoscopic balloon dilation	Procedure	CPT-4
45341	Sigmoidoscopy, flexible; with endoscopic ultrasound examination	Procedure	CPT-4
45342	Sigmoidoscopy, flexible; with transendoscopic ultrasound guided intramural or transmural fine needle aspiration/biopsy(s)	Procedure	CPT-4
45345	Sigmoidoscopy, flexible; with transendoscopic stent placement (includes predilation)	Procedure	CPT-4
45355	Colonoscopy, rigid or flexible, transabdominal via colotomy, single or multiple	Procedure	CPT-4
45360	Colonoscopy, Fiberoptic, Beyond 25 Cm To Splenic Flexure;	Procedure	CPT-4
45365	Colonoscopy, Fiberoptic, Beyond 25 Cm To Splenic Flexure;	Procedure	CPT-4
45367	Colonoscopy, Fiberoptic, Beyond 25 Cm To Splenic Flexure;	Procedure	CPT-4
45368	Colonoscopy, Fiberoptic, Beyond 25 Cm To Splenic Flexure;	Procedure	CPT-4
45369	Colonoscopy, Fiberoptic, Beyond 25 Cm To Splenic Flexure;	Procedure	CPT-4
45370	Colonoscopy, Fiberoptic, Beyond 25 Cm To Splenic Flexure;	Procedure	CPT-4
45372	Colonoscopy, Fiberoptic, Beyond 25 Cm To Splenic Flexure;	Procedure	CPT-4
45378	Colonoscopy, flexible; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)	Procedure	CPT-4
45379	Colonoscopy, flexible; with removal of foreign body(s)	Procedure	CPT-4
45380	Colonoscopy, flexible; with biopsy, single or multiple	Procedure	CPT-4
45381	Colonoscopy, flexible; with directed submucosal injection(s), any substance	Procedure	CPT-4

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
45382	Colonoscopy, flexible; with control of bleeding, any method	Procedure	CPT-4
45383	Colonoscopy, flexible, proximal to splenic flexure; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique	Procedure	CPT-4
45384	Colonoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps	Procedure	CPT-4
45385	Colonoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique	Procedure	CPT-4
45386	Colonoscopy, flexible; with transendoscopic balloon dilation	Procedure	CPT-4
45387	Colonoscopy, flexible, proximal to splenic flexure; with transendoscopic stent placement (includes predilation)	Procedure	CPT-4
45388	Colonoscopy, flexible; with ablation of tumor(s), polyp(s), or other lesion(s) (includes pre- and post-dilation and guide wire passage, when performed)	Procedure	CPT-4
45389	Colonoscopy, flexible; with endoscopic stent placement (includes pre- and post-dilation and guide wire passage, when performed)	Procedure	CPT-4
45390	Colonoscopy, flexible; with endoscopic mucosal resection	Procedure	CPT-4
45391	Colonoscopy, flexible; with endoscopic ultrasound examination limited to the rectum, sigmoid, descending, transverse, or ascending colon and cecum, and adjacent structures	Procedure	CPT-4
45392	Colonoscopy, flexible; with transendoscopic ultrasound guided intramural or transmural fine needle aspiration/biopsy(s), includes endoscopic ultrasound examination limited to the rectum, sigmoid, descending, transverse, or ascending colon and cecum, and adjacent structures	Procedure	CPT-4
45393	Colonoscopy, flexible; with decompression (for pathologic distention) (eg, volvulus, megacolon), including placement of decompression tube, when performed	Procedure	CPT-4
45398	Colonoscopy, flexible; with band ligation(s) (eg, hemorrhoids)	Procedure	CPT-4
C9779	Endoscopic submucosal dissection (ESD), including endoscopy or colonoscopy, mucosal closure, when performed	Procedure	HCPCS
C9901	Endoscopic defect closure within the entire gastrointestinal tract, including upper endoscopy (including diagnostic, if performed) or colonoscopy (including diagnostic, if performed), with all system and tissue anchoring components	Procedure	HCPCS
G0104	Colorectal cancer screening; flexible sigmoidoscopy	Procedure	HCPCS
G0105	Colorectal cancer screening; colonoscopy on individual at high risk	Procedure	HCPCS
G0120	Colorectal cancer screening; alternative to G0105, screening colonoscopy, barium enema	Procedure	HCPCS
G0121	Colorectal cancer screening; colonoscopy on individual not meeting criteria for high risk	Procedure	HCPCS
G6019	Colonoscopy through stoma; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique	Procedure	HCPCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
G6020	Colonoscopy through stoma; with transendoscopic stent placement (includes predilation)	Procedure	HCPCS
G6024	Colonoscopy, flexible; proximal to splenic flexure; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare tehnique	Procedure	HCPCS
G6025	Colonoscopy, flexible, proximal to splenic flexure; with transendoscopic stent placement (includes predilation)	Procedure	HCPCS
G9252	Adenoma(s) or other neoplasm detected during screening colonoscopy	Procedure	HCPCS
G9253	Adenoma(s) or other neoplasm not detected during screening colonoscopy	Procedure	HCPCS
G9933	Adenoma(s) or colorectal cancer detected during screening colonoscopy	Procedure	HCPCS
G9935	Adenoma(s) or colorectal cancer not detected during screening colonoscopy	Procedure	HCPCS
G9937	Diagnostic colonoscopy	Procedure	HCPCS
V76.41	Screening for malignant neoplasm of the rectum	Diagnosis	ICD-10-CM
V76.50	Special screening for malignant neoplasms, intestine, unspecified	Diagnosis	ICD-10-CM
V76.51	Special screening for malignant neoplasms, colon	Diagnosis	ICD-10-CM
V76.52	Special screening for malignant neoplasms, small intestine	Diagnosis	ICD-10-CM
Z12.10	Encounter for screening for malignant neoplasm of intestinal tract, unspecified	Diagnosis	ICD-10-CM
Z12.11	Encounter for screening for malignant neoplasm of colon	Diagnosis	ICD-10-CM
Z12.12	Encounter for screening for malignant neoplasm of rectum	Diagnosis	ICD-10-CM
Z12.13	Encounter for screening for malignant neoplasm of small intestine	Diagnosis	ICD-10-CM
Colorectal cancer			
C18.0	Malignant neoplasm of cecum	Diagnosis	ICD-10-CM
C18.1	Malignant neoplasm of appendix	Diagnosis	ICD-10-CM
C18.2	Malignant neoplasm of ascending colon	Diagnosis	ICD-10-CM
C18.3	Malignant neoplasm of hepatic flexure	Diagnosis	ICD-10-CM
C18.4	Malignant neoplasm of transverse colon	Diagnosis	ICD-10-CM
C18.5	Malignant neoplasm of splenic flexure	Diagnosis	ICD-10-CM
C18.6	Malignant neoplasm of descending colon	Diagnosis	ICD-10-CM
C18.7	Malignant neoplasm of sigmoid colon	Diagnosis	ICD-10-CM
C18.8	Malignant neoplasm of overlapping sites of colon	Diagnosis	ICD-10-CM
C18.9	Malignant neoplasm of colon, unspecified	Diagnosis	ICD-10-CM
C19	Malignant neoplasm of rectosigmoid junction	Diagnosis	ICD-10-CM
C20	Malignant neoplasm of rectum	Diagnosis	ICD-10-CM
C49.A4	Gastrointestinal stromal tumor of large intestine	Diagnosis	ICD-10-CM
C49.A5	Gastrointestinal stromal tumor of rectum	Diagnosis	ICD-10-CM
D01.0	Carcinoma in situ of colon	Diagnosis	ICD-10-CM
D01.1	Carcinoma in situ of rectosigmoid junction	Diagnosis	ICD-10-CM
D01.2	Carcinoma in situ of rectum	Diagnosis	ICD-10-CM
Z85.030	Personal history of malignant carcinoid tumor of large intestine	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Z85.038	Personal history of other malignant neoplasm of large intestine	Diagnosis	ICD-10-CM
Z85.040	Personal history of malignant carcinoid tumor of rectum	Diagnosis	ICD-10-CM
Z85.048	Personal history of other malignant neoplasm of rectum, rectosigmoid junction, and anus	Diagnosis	ICD-10-CM
Constipation			
K59.0	Constipation	Diagnosis	ICD-10-CM
K59.00	Constipation, unspecified	Diagnosis	ICD-10-CM
K59.01	Slow transit constipation	Diagnosis	ICD-10-CM
K59.02	Outlet dysfunction constipation	Diagnosis	ICD-10-CM
K59.03	Drug induced constipation	Diagnosis	ICD-10-CM
K59.09	Other constipation	Diagnosis	ICD-10-CM
Diabetes mellitus			
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.3521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E10.359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.36	Type 1 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E10.59	Type 1 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E10.621	Type 1 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E10.622	Type 1 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E10.628	Type 1 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E10.630	Type 1 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E10.638	Type 1 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E10.65	Type 1 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E10.69	Type 1 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E10.8	Type 1 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E10.9	Type 1 diabetes mellitus without complications	Diagnosis	ICD-10-CM
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E11.359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.36	Type 2 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E11.59	Type 2 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E11.621	Type 2 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E11.622	Type 2 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E11.628	Type 2 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E11.630	Type 2 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E11.638	Type 2 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E11.65	Type 2 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E11.69	Type 2 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E11.8	Type 2 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E11.9	Type 2 diabetes mellitus without complications	Diagnosis	ICD-10-CM
Dialysis			

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Code	Description	Code Category	Code Type
031209D	Bypass Innominate Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031209F	Bypass Innominate Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
03120AD	Bypass Innominate Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03120AF	Bypass Innominate Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03120JD	Bypass Innominate Artery to Upper Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03120JF	Bypass Innominate Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03120KD	Bypass Innominate Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03120KF	Bypass Innominate Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03120ZD	Bypass Innominate Artery to Upper Arm Vein, Open Approach	Procedure	ICD-10-PCS
03120ZF	Bypass Innominate Artery to Lower Arm Vein, Open Approach	Procedure	ICD-10-PCS
031309D	Bypass Right Subclavian Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031309F	Bypass Right Subclavian Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
03130AD	Bypass Right Subclavian Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03130AF	Bypass Right Subclavian Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03130JD	Bypass Right Subclavian Artery to Upper Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03130JF	Bypass Right Subclavian Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03130KD	Bypass Right Subclavian Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03130KF	Bypass Right Subclavian Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03130ZD	Bypass Right Subclavian Artery to Upper Arm Vein, Open Approach	Procedure	ICD-10-PCS
03130ZF	Bypass Right Subclavian Artery to Lower Arm Vein, Open Approach	Procedure	ICD-10-PCS
031409D	Bypass Left Subclavian Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031409F	Bypass Left Subclavian Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
03140AD	Bypass Left Subclavian Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03140AF	Bypass Left Subclavian Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
03140JD	Bypass Left Subclavian Artery to Upper Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03140JF	Bypass Left Subclavian Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03140KD	Bypass Left Subclavian Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03140KF	Bypass Left Subclavian Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03140ZD	Bypass Left Subclavian Artery to Upper Arm Vein, Open Approach	Procedure	ICD-10-PCS
03140ZF	Bypass Left Subclavian Artery to Lower Arm Vein, Open Approach	Procedure	ICD-10-PCS
031509D	Bypass Right Axillary Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031509F	Bypass Right Axillary Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031509V	Bypass Right Axillary Artery to Superior Vena Cava with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
03150AD	Bypass Right Axillary Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03150AF	Bypass Right Axillary Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03150AV	Bypass Right Axillary Artery to Superior Vena Cava with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03150JD	Bypass Right Axillary Artery to Upper Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03150JF	Bypass Right Axillary Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03150JV	Bypass Right Axillary Artery to Superior Vena Cava with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03150KD	Bypass Right Axillary Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03150KF	Bypass Right Axillary Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03150KV	Bypass Right Axillary Artery to Superior Vena Cava with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03150ZD	Bypass Right Axillary Artery to Upper Arm Vein, Open Approach	Procedure	ICD-10-PCS
03150ZF	Bypass Right Axillary Artery to Lower Arm Vein, Open Approach	Procedure	ICD-10-PCS
03150ZV	Bypass Right Axillary Artery to Superior Vena Cava, Open Approach	Procedure	ICD-10-PCS
031609D	Bypass Left Axillary Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031609F	Bypass Left Axillary Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031609V	Bypass Left Axillary Artery to Superior Vena Cava with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
03160AD	Bypass Left Axillary Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03160AF	Bypass Left Axillary Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03160AV	Bypass Left Axillary Artery to Superior Vena Cava with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03160JD	Bypass Left Axillary Artery to Upper Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03160JF	Bypass Left Axillary Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03160JV	Bypass Left Axillary Artery to Superior Vena Cava with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03160KD	Bypass Left Axillary Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03160KF	Bypass Left Axillary Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03160KV	Bypass Left Axillary Artery to Superior Vena Cava with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03160ZD	Bypass Left Axillary Artery to Upper Arm Vein, Open Approach	Procedure	ICD-10-PCS
03160ZF	Bypass Left Axillary Artery to Lower Arm Vein, Open Approach	Procedure	ICD-10-PCS
03160ZV	Bypass Left Axillary Artery to Superior Vena Cava, Open Approach	Procedure	ICD-10-PCS
031709D	Bypass Right Brachial Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031709F	Bypass Right Brachial Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031709V	Bypass Right Brachial Artery to Superior Vena Cava with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
03170AD	Bypass Right Brachial Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03170AF	Bypass Right Brachial Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03170AV	Bypass Right Brachial Artery to Superior Vena Cava with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03170JD	Bypass Right Brachial Artery to Upper Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03170JF	Bypass Right Brachial Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03170JV	Bypass Right Brachial Artery to Superior Vena Cava with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03170KD	Bypass Right Brachial Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03170KF	Bypass Right Brachial Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
03170KV	Bypass Right Brachial Artery to Superior Vena Cava with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03170ZD	Bypass Right Brachial Artery to Upper Arm Vein, Open Approach	Procedure	ICD-10-PCS
03170ZF	Bypass Right Brachial Artery to Lower Arm Vein, Open Approach	Procedure	ICD-10-PCS
03170ZV	Bypass Right Brachial Artery to Superior Vena Cava, Open Approach	Procedure	ICD-10-PCS
031809D	Bypass Left Brachial Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031809F	Bypass Left Brachial Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031809V	Bypass Left Brachial Artery to Superior Vena Cava with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
03180AD	Bypass Left Brachial Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03180AF	Bypass Left Brachial Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03180AV	Bypass Left Brachial Artery to Superior Vena Cava with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03180JD	Bypass Left Brachial Artery to Upper Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03180JF	Bypass Left Brachial Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03180JV	Bypass Left Brachial Artery to Superior Vena Cava with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03180KD	Bypass Left Brachial Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03180KF	Bypass Left Brachial Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03180KV	Bypass Left Brachial Artery to Superior Vena Cava with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03180ZD	Bypass Left Brachial Artery to Upper Arm Vein, Open Approach	Procedure	ICD-10-PCS
03180ZF	Bypass Left Brachial Artery to Lower Arm Vein, Open Approach	Procedure	ICD-10-PCS
03180ZV	Bypass Left Brachial Artery to Superior Vena Cava, Open Approach	Procedure	ICD-10-PCS
031909F	Bypass Right Ulnar Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
03190AF	Bypass Right Ulnar Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
03190JF	Bypass Right Ulnar Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
03190KF	Bypass Right Ulnar Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
03190ZF	Bypass Right Ulnar Artery to Lower Arm Vein, Open Approach	Procedure	ICD-10-PCS
031A09F	Bypass Left Ulnar Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
031A0AF	Bypass Left Ulnar Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
031A0JF	Bypass Left Ulnar Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
031A0KF	Bypass Left Ulnar Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
031A0ZF	Bypass Left Ulnar Artery to Lower Arm Vein, Open Approach	Procedure	ICD-10-PCS
031B09F	Bypass Right Radial Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031B0AF	Bypass Right Radial Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
031B0JF	Bypass Right Radial Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
031B0KF	Bypass Right Radial Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
031B0ZF	Bypass Right Radial Artery to Lower Arm Vein, Open Approach	Procedure	ICD-10-PCS
031C09F	Bypass Left Radial Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
031C0AF	Bypass Left Radial Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
031C0JF	Bypass Left Radial Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
031C0KF	Bypass Left Radial Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
031C0ZF	Bypass Left Radial Artery to Lower Arm Vein, Open Approach	Procedure	ICD-10-PCS
03PY07Z	Removal of Autologous Tissue Substitute from Upper Artery, Open Approach	Procedure	ICD-10-PCS
03PY0JZ	Removal of Synthetic Substitute from Upper Artery, Open Approach	Procedure	ICD-10-PCS
03PY0KZ	Removal of Nonautologous Tissue Substitute from Upper Artery, Open Approach	Procedure	ICD-10-PCS
03PY37Z	Removal of Autologous Tissue Substitute from Upper Artery, Percutaneous Approach	Procedure	ICD-10-PCS
03PY3JZ	Removal of Synthetic Substitute from Upper Artery, Percutaneous Approach	Procedure	ICD-10-PCS
03PY3KZ	Removal of Nonautologous Tissue Substitute from Upper Artery, Percutaneous Approach	Procedure	ICD-10-PCS
03PY47Z	Removal of Autologous Tissue Substitute from Upper Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
03PY4JZ	Removal of Synthetic Substitute from Upper Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
03PY4KZ	Removal of Nonautologous Tissue Substitute from Upper Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0505F	Hemodialysis plan of care documented (ESRD, P-ESRD)	Procedure	CPT-2

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Code	Description	Code Category	Code Type
0507F	Peritoneal dialysis plan of care documented (ESRD)	Procedure	CPT-2
05HY33Z	Insertion of Infusion Device into Upper Vein, Percutaneous Approach	Procedure	ICD-10-PCS
06HY33Z	Insertion of Infusion Device into Lower Vein, Percutaneous Approach	Procedure	ICD-10-PCS
08923ZZ	Drainage of Right Anterior Chamber, Percutaneous Approach	Procedure	ICD-10-PCS
08933ZZ	Drainage of Left Anterior Chamber, Percutaneous Approach	Procedure	ICD-10-PCS
35686	Creation of distal arteriovenous fistula during lower extremity bypass surgery (non-hemodialysis) (List separately in addition to code for primary procedure)	Procedure	CPT-4
35875	Thrombectomy of arterial or venous graft (other than hemodialysis graft or fistula);	Procedure	CPT-4
35876	Thrombectomy of arterial or venous graft (other than hemodialysis graft or fistula); with revision of arterial or venous graft	Procedure	CPT-4
36145	Introduction of needle or intracatheter; arteriovenous shunt created for dialysis (cannula, fistula, or graft)	Procedure	CPT-4
36147	Introduction of needle and/or catheter, arteriovenous shunt created for dialysis (graft/fistula); initial access with complete radiological evaluation of dialysis access, including fluoroscopy, image documentation and report (includes access of shunt, injection[s] of contrast, and all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava)	Procedure	CPT-4
36148	Introduction of needle and/or catheter, arteriovenous shunt created for dialysis (graft/fistula); additional access for therapeutic intervention (List separately in addition to code for primary procedure)	Procedure	CPT-4
36488	Placement of central venous catheter (subclavian, jugular, or other vein) (eg, for central venous pressure, hyperalimentation, hemodialysis, or chemotherapy); percutaneous, age 2 years or under	Procedure	CPT-4
36489	Placement of central venous catheter (subclavian, jugular, or other vein) (eg, for central venous pressure, hyperalimentation, hemodialysis, or chemotherapy); percutaneous, over age 2	Procedure	CPT-4
36490	Placement of central venous catheter (subclavian, jugular, or other vein) (eg, for central venous pressure, hyperalimentation, hemodialysis, or chemotherapy); cutdown, age 2 years or under	Procedure	CPT-4
36491	Placement of central venous catheter (subclavian, jugular, or other vein) (eg, for central venous pressure, hyperalimentation, hemodialysis, or chemotherapy); cutdown, over age 2	Procedure	CPT-4
36800	Insertion of cannula for hemodialysis, other purpose (separate procedure); vein to vein	Procedure	CPT-4

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
36810	Insertion of cannula for hemodialysis, other purpose (separate procedure); arteriovenous, external (Scribner type)	Procedure	CPT-4
36815	Insertion of cannula for hemodialysis, other purpose (separate procedure); arteriovenous, external revision, or closure	Procedure	CPT-4
36818	Arteriovenous anastomosis, open; by upper arm cephalic vein transposition	Procedure	CPT-4
36819	Arteriovenous anastomosis, open; by upper arm basilic vein transposition	Procedure	CPT-4
36820	Arteriovenous anastomosis, open; by forearm vein transposition	Procedure	CPT-4
36821	Arteriovenous anastomosis, open; direct, any site (eg, Cimino type) (separate procedure)	Procedure	CPT-4
36838	Distal revascularization and interval ligation (DRIL), upper extremity hemodialysis access (steal syndrome)	Procedure	CPT-4
36901	Introduction of needle(s) and/or catheter(s), dialysis circuit, with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, radiological supervision and interpretation and image documentation and report;	Procedure	CPT-4
36902	Introduction of needle(s) and/or catheter(s), dialysis circuit, with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, radiological supervision and interpretation and image documentation and report; with transluminal balloon angioplasty, peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessar	Procedure	CPT-4
36903	Introduction of needle(s) and/or catheter(s), dialysis circuit, with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, radiological supervision and interpretation and image documentation and report; with transcatheter placement of intravascular stent(s), peripheral dialysis segment, including all imaging and radiological supervision and interp	Procedure	CPT-4

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
36904	Percutaneous transluminal mechanical thrombectomy and/or infusion for thrombolysis, dialysis circuit, any method, including all imaging and radiological supervision and interpretation, diagnostic angiography, fluoroscopic guidance, catheter placement(s), and intraprocedural pharmacological thrombolytic injection(s);	Procedure	CPT-4
36905	Percutaneous transluminal mechanical thrombectomy and/or infusion for thrombolysis, dialysis circuit, any method, including all imaging and radiological supervision and interpretation, diagnostic angiography, fluoroscopic guidance, catheter placement(s), and intraprocedural pharmacological thrombolytic injection(s); with transluminal balloon angioplasty, peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty	Procedure	CPT-4
36906	Percutaneous transluminal mechanical thrombectomy and/or infusion for thrombolysis, dialysis circuit, any method, including all imaging and radiological supervision and interpretation, diagnostic angiography, fluoroscopic guidance, catheter placement(s), and intraprocedural pharmacological thrombolytic injection(s); with transcatheter placement of intravascular stent(s), peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary to perform the stenting, and all angioplasty within the peripheral dialysis circuit	Procedure	CPT-4
36907	Transluminal balloon angioplasty, central dialysis segment, performed through dialysis circuit, including all imaging and radiological supervision and interpretation required to perform the angioplasty (List separately in addition to code for primary procedure)	Procedure	CPT-4
36908	Transcatheter placement of intravascular stent(s), central dialysis segment, performed through dialysis circuit, including all imaging and radiological supervision and interpretation required to perform the stenting, and all angioplasty in the central dialysis segment (List separately in addition to code for primary procedure)	Procedure	CPT-4
36909	Dialysis circuit permanent vascular embolization or occlusion (including main circuit or any accessory veins), endovascular, including all imaging and radiological supervision and interpretation necessary to complete the intervention (List separately in addition to code for primary procedure)	Procedure	CPT-4
38.95	Venous catheterization for renal dialysis	Procedure	ICD-9-CM
39.27	Arteriovenostomy for renal dialysis	Procedure	ICD-9-CM
39.42	Revision of arteriovenous shunt for renal dialysis	Procedure	ICD-9-CM
39.43	Removal of arteriovenous shunt for renal dialysis	Procedure	ICD-9-CM
39.95	Hemodialysis	Procedure	ICD-9-CM

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Code	Description	Code Category	Code Type
3E1M39Z	Irrigation of Peritoneal Cavity using Dialysate, Percutaneous Approach	Procedure	ICD-10-PCS
4052F	Hemodialysis via functioning arteriovenous (AV) fistula (ESRD)	Procedure	CPT-2
4053F	Hemodialysis via functioning arteriovenous (AV) graft (ESRD)	Procedure	CPT-2
4054F	Hemodialysis via catheter (ESRD)	Procedure	CPT-2
4055F	Patient receiving peritoneal dialysis (ESRD)	Procedure	CPT-2
458.21	Hypotension of hemodialysis	Diagnosis	ICD-9-CM
49324	Laparoscopy, surgical; with insertion of tunneled intraperitoneal catheter	Procedure	CPT-4
49325	Laparoscopy, surgical; with revision of previously placed intraperitoneal cannula or catheter, with removal of intraluminal obstructive material if performed	Procedure	CPT-4
49418	Insertion of tunneled intraperitoneal catheter (eg, dialysis, intraperitoneal chemotherapy instillation, management of ascites), complete procedure, including imaging guidance, catheter placement, contrast injection when performed, and radiological supervision and interpretation, percutaneous	Procedure	CPT-4
49419	Insertion of tunneled intraperitoneal catheter, with subcutaneous port (ie, totally implantable)	Procedure	CPT-4
49420	Insertion of intraperitoneal cannula or catheter for drainage or dialysis; temporary	Procedure	CPT-4
49421	Insertion of tunneled intraperitoneal catheter for dialysis, open	Procedure	CPT-4
49422	Removal of tunneled intraperitoneal catheter	Procedure	CPT-4
49435	Insertion of subcutaneous extension to intraperitoneal cannula or catheter with remote chest exit site (List separately in addition to code for primary procedure)	Procedure	CPT-4
54.98	Peritoneal dialysis	Procedure	ICD-9-CM
5A1D70Z	Performance of Urinary Filtration, Intermittent, Less than 6 Hours Per Day	Procedure	ICD-10-PCS
5A1D80Z	Performance of Urinary Filtration, Prolonged Intermittent, 6-18 hours Per Day	Procedure	ICD-10-PCS
5A1D90Z	Performance of Urinary Filtration, Continuous, Greater than 18 hours Per Day	Procedure	ICD-10-PCS
792.5	Cloudy (hemodialysis) (peritoneal) dialysis affluent	Diagnosis	ICD-9-CM
90935	Hemodialysis procedure with single evaluation by a physician or other qualified health care professional	Procedure	CPT-4
90937	Hemodialysis procedure requiring repeated evaluation(s) with or without substantial revision of dialysis prescription	Procedure	CPT-4
90939	Hemodialysis access flow study to determine blood flow in grafts and arteriovenous fistulae by an indicator dilution method, hook-up; transcutaneous measurement and disconnection	Procedure	CPT-4
90940	Hemodialysis access flow study to determine blood flow in grafts and arteriovenous fistulae by an indicator method	Procedure	CPT-4
90941	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4

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Code	Description	Code Category	Code Type
90942	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
90943	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
90944	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
90945	Dialysis procedure other than hemodialysis (eg, peritoneal dialysis, hemofiltration, or other continuous renal replacement therapies), with single evaluation by a physician or other qualified health care professional	Procedure	CPT-4
90947	Dialysis procedure other than hemodialysis (eg, peritoneal dialysis, hemofiltration, or other continuous renal replacement therapies) requiring repeated evaluations by a physician or other qualified health care professional, with or without substantial revision of dialysis prescription	Procedure	CPT-4
90963	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients younger than 2 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents	Procedure	CPT-4
90964	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients 2-11 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents	Procedure	CPT-4
90965	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients 12-19 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents	Procedure	CPT-4
90966	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients 20 years of age and older	Procedure	CPT-4
90967	End-stage renal disease (ESRD) related services for dialysis less than a full month of service, per day; for patients younger than 2 years of age	Procedure	CPT-4
90968	End-stage renal disease (ESRD) related services for dialysis less than a full month of service, per day; for patients 2-11 years of age	Procedure	CPT-4
90969	End-stage renal disease (ESRD) related services for dialysis less than a full month of service, per day; for patients 12-19 years of age	Procedure	CPT-4
90970	End-stage renal disease (ESRD) related services for dialysis less than a full month of service, per day; for patients 20 years of age and older	Procedure	CPT-4
90976	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90977	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90978	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90979	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90982	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90983	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90984	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4

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Code	Description	Code Category	Code Type
90985	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90988	Supervision Of Hemodialysis In Hospital Or Other Facility (excluding Home Dialysis), On Monthly Basis	Procedure	CPT-4
90989	Dialysis training, patient, including helper where applicable, any mode, completed course	Procedure	CPT-4
90990	Hemodialysis Training And/or Counseling	Procedure	CPT-4
90991	Home Hemodialysis Care, Outpatient, For Those Services Either Provided By The Physician Primarily Responsible	Procedure	CPT-4
90992	Peritoneal Dialysis Training And/or Counseling	Procedure	CPT-4
90993	Dialysis training, patient, including helper where applicable, any mode, course not completed, per training session	Procedure	CPT-4
90994	Supervision Of Chronic Ambulatory Peritoneal Dialysis (capd), Home Or Out-patient (monthly)	Procedure	CPT-4
90997	Hemoperfusion (eg, with activated charcoal or resin)	Procedure	CPT-4
90999	Unlisted dialysis procedure, inpatient or outpatient	Procedure	CPT-4
93985	Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete bilateral study	Procedure	CPT-4
93986	Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete unilateral study	Procedure	CPT-4
93990	Duplex scan of hemodialysis access (including arterial inflow, body of access and venous outflow)	Procedure	CPT-4
99512	Home visit for hemodialysis	Procedure	CPT-4
99559	Home infusion of peritoneal dialysis, per visit	Procedure	CPT-4
996.56	Mechanical complications due to peritoneal dialysis catheter	Diagnosis	ICD-9-CM
996.68	Infection and inflammatory reaction due to peritoneal dialysis catheter	Diagnosis	ICD-9-CM
996.73	Other complications due to renal dialysis device, implant, and graft	Diagnosis	ICD-9-CM
A4653	Peritoneal dialysis catheter anchoring device, belt, each	Procedure	HCPCS
A4655	Needles and syringes for dialysis	Procedure	HCPCS
A4671	Disposable cycler set used with cycler dialysis machine, each	Procedure	HCPCS
A4672	Drainage extension line, sterile, for dialysis, each	Procedure	HCPCS
A4673	Extension line with easy lock connectors, used with dialysis	Procedure	HCPCS
A4674	Chemicals/antiseptics solution used to clean/sterilize dialysis equipment, per 8 oz	Procedure	HCPCS
A4680	Activated carbon filter for hemodialysis, each	Procedure	HCPCS
A4690	Dialyzer (artificial kidneys), all types, all sizes, for hemodialysis, each	Procedure	HCPCS
A4706	Bicarbonate concentrate, solution, for hemodialysis, per gallon	Procedure	HCPCS
A4707	Bicarbonate concentrate, powder, for hemodialysis, per packet	Procedure	HCPCS
A4708	Acetate concentrate solution, for hemodialysis, per gallon	Procedure	HCPCS
A4709	Acid concentrate, solution, for hemodialysis, per gallon	Procedure	HCPCS

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Code	Description	Code Category	Code Type
A4714	Treated water (deionized, distilled, or reverse osmosis) for peritoneal dialysis, per gallon	Procedure	HCPCS
A4719	"Y set" tubing for peritoneal dialysis	Procedure	HCPCS
A4720	Dialysate solution, any concentration of dextrose, fluid volume greater than 249 cc, but less than or equal to 999 cc, for peritoneal dialysis	Procedure	HCPCS
A4721	Dialysate solution, any concentration of dextrose, fluid volume greater than 999 cc but less than or equal to 1999 cc, for peritoneal dialysis	Procedure	HCPCS
A4722	Dialysate solution, any concentration of dextrose, fluid volume greater than 1999 cc but less than or equal to 2999 cc, for peritoneal dialysis	Procedure	HCPCS
A4723	Dialysate solution, any concentration of dextrose, fluid volume greater than 2999 cc but less than or equal to 3999 cc, for peritoneal dialysis	Procedure	HCPCS
A4724	Dialysate solution, any concentration of dextrose, fluid volume greater than 3999 cc but less than or equal to 4999 cc, for peritoneal dialysis	Procedure	HCPCS
A4725	Dialysate solution, any concentration of dextrose, fluid volume greater than 4999 cc but less than or equal to 5999 cc, for peritoneal dialysis	Procedure	HCPCS
A4726	Dialysate solution, any concentration of dextrose, fluid volume greater than 5999 cc, for peritoneal dialysis	Procedure	HCPCS
A4728	Dialysate solution, nondextrose containing, 500 ml	Procedure	HCPCS
A4730	Fistula cannulation set for hemodialysis, each	Procedure	HCPCS
A4735	Local/topical anesthetics for dialysis only	Procedure	HCPCS
A4736	Topical anesthetic, for dialysis, per g	Procedure	HCPCS
A4737	Injectable anesthetic, for dialysis, per 10 ml	Procedure	HCPCS
A4740	Shunt accessory, for hemodialysis, any type, each	Procedure	HCPCS
A4750	Blood tubing, arterial or venous, for hemodialysis, each	Procedure	HCPCS
A4755	Blood tubing, arterial and venous combined, for hemodialysis, each	Procedure	HCPCS
A4760	Dialysate solution test kit, for peritoneal dialysis, any type, each	Procedure	HCPCS
A4765	Dialysate concentrate, powder, additive for peritoneal dialysis, per packet	Procedure	HCPCS
A4766	Dialysate concentrate, solution, additive for peritoneal dialysis, per 10 ml	Procedure	HCPCS
A4770	Blood collection tube, vacuum, for dialysis, per 50	Procedure	HCPCS
A4771	Serum clotting time tube, for dialysis, per 50	Procedure	HCPCS
A4772	Blood glucose test strips, for dialysis, per 50	Procedure	HCPCS
A4773	Occult blood test strips, for dialysis, per 50	Procedure	HCPCS
A4774	Ammonia test strips, for dialysis, per 50	Procedure	HCPCS
A4780	Sterilizing agent for dialysis equipment, per gallon	Procedure	HCPCS
A4790	Cleansing agents for equipment for dialysis only	Procedure	HCPCS

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Code	Description	Code Category	Code Type
A4800	Heparin for dialysis and antidote, any strength, porcine or beef, up to 1000 units, 10-30 ml (for parenteral use see b4216)	Procedure	HCPCS
A4801	Heparin, any type, for hemodialysis, per 1000 units	Procedure	HCPCS
A4802	Protamine sulfate, for hemodialysis, per 50 mg	Procedure	HCPCS
A4820	Hemodialysis kit supplies	Procedure	HCPCS
A4850	Hemostats with rubber tips for dialysis	Procedure	HCPCS
A4860	Disposable catheter tips for peritoneal dialysis, per 10	Procedure	HCPCS
A4870	Plumbing and/or electrical work for home hemodialysis equipment	Procedure	HCPCS
A4880	Storage tanks utilized in connection with water purification system, replacement tanks for dialysis	Procedure	HCPCS
A4890	Contracts, repair and maintenance, for hemodialysis equipment	Procedure	HCPCS
A4900	Continuous ambulatory peritoneal dialysis (capd) supply kit	Procedure	HCPCS
A4901	Continuous cycling peritoneal dialysis (ccpd) supply kit	Procedure	HCPCS
A4905	Intermittent peritoneal dialysis (ipd) supply kit	Procedure	HCPCS
A4910	Non-medical supplies for dialysis, (i.e., scale, scissors, stopwatch, etc.)	Procedure	HCPCS
A4911	Drain bag/bottle, for dialysis, each	Procedure	HCPCS
A4913	Miscellaneous dialysis supplies, not otherwise specified	Procedure	HCPCS
A4918	Venous pressure clamp, for hemodialysis, each	Procedure	HCPCS
A4929	Tourniquet for dialysis, each	Procedure	HCPCS
B50W	Plain Radiography / Dialysis Shunt/Fistula	Procedure	ICD-10-PCS
B50W0ZZ	Plain Radiography of Dialysis Shunt/Fistula using High Osmolar Contrast	Procedure	ICD-10-PCS
B50W1ZZ	Plain Radiography of Dialysis Shunt/Fistula using Low Osmolar Contrast	Procedure	ICD-10-PCS
B50WYZZ	Plain Radiography of Dialysis Shunt/Fistula using Other Contrast	Procedure	ICD-10-PCS
B51W	Fluoroscopy / Dialysis Shunt/Fistula	Procedure	ICD-10-PCS
B51W0ZA	Fluoroscopy of Dialysis Shunt/Fistula using High Osmolar Contrast, Guidance	Procedure	ICD-10-PCS
B51W0ZZ	Fluoroscopy of Dialysis Shunt/Fistula using High Osmolar Contrast	Procedure	ICD-10-PCS
B51W1ZA	Fluoroscopy of Dialysis Shunt/Fistula using Low Osmolar Contrast, Guidance	Procedure	ICD-10-PCS
B51W1ZZ	Fluoroscopy of Dialysis Shunt/Fistula using Low Osmolar Contrast	Procedure	ICD-10-PCS
B51WYZA	Fluoroscopy of Dialysis Shunt/Fistula using Other Contrast, Guidance	Procedure	ICD-10-PCS
B51WYZZ	Fluoroscopy of Dialysis Shunt/Fistula using Other Contrast	Procedure	ICD-10-PCS
B51WZZA	Fluoroscopy of Dialysis Shunt/Fistula, Guidance	Procedure	ICD-10-PCS
B51WZZZ	Fluoroscopy of Dialysis Shunt/Fistula	Procedure	ICD-10-PCS
C1037	Catheter, vaxcel chronic dialysis catheter, medcomp bio flex tesio catheter, medcomp silicone tesio catheter, medcomp hemo-cath long term silicone catheter, bard niagara dual lumen catheter, bard opti-flow dual lumen catheter, medcomp ash split catheter	Procedure	HCPCS
C1152	Access system, dialysis, lifesite access system	Procedure	HCPCS
C1750	Catheter, hemodialysis/peritoneal, long-term	Procedure	HCPCS

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Code	Description	Code Category	Code Type
C1751	Catheter, infusion, inserted peripherally, centrally or midline (other than hemodialysis)	Procedure	HCPCS
C1752	Catheter, hemodialysis/peritoneal, short-term	Procedure	HCPCS
C1881	Dialysis access system (implantable)	Procedure	HCPCS
C7513	Dialysis circuit, introduction of needle(s) and/or catheter(s), with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, with transluminal balloon angioplasty of central dialysis segment, performed through dialysis circuit, including all required imaging, radiological supervision and interpretation, image documentation and report	Procedure	HCPCS
C7514	Dialysis circuit, introduction of needle(s) and/or catheter(s), with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, with all angioplasty in the central dialysis segment, and transcatheter placement of intravascular stent(s), central dialysis segment, performed through dialysis circuit, including all required imaging, radiological supervisi	Procedure	HCPCS
C7515	Dialysis circuit, introduction of needle(s) and/or catheter(s), with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, with dialysis circuit permanent endovascular embolization or occlusion of main circuit or any accessory veins, including all required imaging, radiological supervision and interpretation, image documentation and report	Procedure	HCPCS
C7530	Dialysis circuit, introduction of needle(s) and/or catheter(s), with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, with transluminal balloon angioplasty, peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty and all angioplasty in the central dialysis segment	Procedure	HCPCS
E1500	Centrifuge, for dialysis	Procedure	HCPCS
E1520	Heparin infusion pump for hemodialysis	Procedure	HCPCS

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Code	Description	Code Category	Code Type
E1530	Air bubble detector for hemodialysis, each, replacement	Procedure	HCPCS
E1540	Pressure alarm for hemodialysis, each, replacement	Procedure	HCPCS
E1550	Bath conductivity meter for hemodialysis, each	Procedure	HCPCS
E1560	Blood leak detector for hemodialysis, each, replacement	Procedure	HCPCS
E1575	Transducer protectors/fluid barriers, for hemodialysis, any size, per 10	Procedure	HCPCS
E1580	Unipuncture control system for hemodialysis	Procedure	HCPCS
E1590	Hemodialysis machine	Procedure	HCPCS
E1592	Automatic intermittent peritoneal dialysis system	Procedure	HCPCS
E1594	Cycler dialysis machine for peritoneal dialysis	Procedure	HCPCS
E1600	Delivery and/or installation charges for hemodialysis equipment	Procedure	HCPCS
E1610	Reverse osmosis water purification system, for hemodialysis	Procedure	HCPCS
E1615	Deionizer water purification system, for hemodialysis	Procedure	HCPCS
E1620	Blood pump for hemodialysis, replacement	Procedure	HCPCS
E1625	Water softening system, for hemodialysis	Procedure	HCPCS
E1629	Tablo hemodialysis system for the billable dialysis service	Procedure	HCPCS
E1630	Reciprocating peritoneal dialysis system	Procedure	HCPCS
E1634	Peritoneal dialysis clamps, each	Procedure	HCPCS
E1636	Sorbent cartridges, for hemodialysis, per 10	Procedure	HCPCS
E1638	Heating pad, for peritoneal dialysis, any size, each	Procedure	HCPCS
E1640	Replacement components for hemodialysis and/or peritoneal dialysis machines that are owned or being purchased by the patient	Procedure	HCPCS
E1699	Dialysis equipment, not otherwise specified	Procedure	HCPCS
E870.2	Accidental cut, puncture, perforation, or hemorrhage during kidney dialysis or other perfusion	Diagnosis	ICD-9-CM
E871.2	Foreign object left in body during kidney dialysis or other perfusion	Diagnosis	ICD-9-CM
E872.2	Failure of sterile precautions during kidney dialysis and other perfusion	Diagnosis	ICD-9-CM
E874.2	Mechanical failure of instrument or apparatus during kidney dialysis and other perfusion	Diagnosis	ICD-9-CM
E879.1	Kidney dialysis as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at time of procedure	Diagnosis	ICD-9-CM
G0049	With maintenance hemodialysis (in-center and home HD) for the complete reporting month	Procedure	HCPCS
G0052	Patients on peritoneal dialysis for any portion of the reporting month	Procedure	HCPCS
G0257	Unscheduled or emergency dialysis treatment for an ESRD patient in a hospital outpatient department that is not certified as an ESRD facility	Procedure	HCPCS
G0324	ESRD related services for home dialysis (less than full month), per day; for patients under 2 years of age	Procedure	HCPCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
G0325	ESRD related services for home dialysis (less than full month), per day; for patients between 2 and 11 years of age	Procedure	HCPCS
G0326	ESRD related services for home dialysis (less than full month), per day; for patients between twelve and nineteen years of age	Procedure	HCPCS
G0365	Vessel mapping of vessels for hemodialysis access (services for preoperative vessel mapping prior to creation of hemodialysis access using an autogenous hemodialysis conduit, including arterial inflow and venous outflow)	Procedure	HCPCS
G0392	Transluminal balloon angioplasty, percutaneous; for maintenance of hemodialysis access, arteriovenous fistula or graft; arterial	Procedure	HCPCS
G0393	Transluminal balloon angioplasty, percutaneous; for maintenance of hemodialysis access, arteriovenous fistula or graft; venous	Procedure	HCPCS
G0491	Dialysis procedure at a Medicare certified ESRD facility for acute kidney injury without ESRD	Procedure	HCPCS
G0492	Dialysis procedure with single evaluation by a physician or other qualified health care professional for acute kidney injury without ESRD	Procedure	HCPCS
G1026	The number of adult patient-months in the denominator who were on maintenance hemodialysis using a catheter continuously for 3 months or longer under the care of the same practitioner or group partner as of the last hemodialysis session of the reporting month	Procedure	HCPCS
G1027	The number of adult patient-months in the denominator who were on maintenance hemodialysis under the care of the same practitioner or group partner as of the last hemodialysis session of the reporting month using a catheter continuously for less than 3 months	Procedure	HCPCS
G8075	ESRD patient with documented dialysis dose of URR greater than or equal to 65% (or Kt/ V greater than or equal to 1.2)	Procedure	HCPCS
G8076	ESRD patient with documented dialysis dose of URR less than 65% (or Kt/V less than 1.2)	Procedure	HCPCS
G8081	ESRD patient requiring hemodialysis vascular access documented to have received autogenous AV fistula	Procedure	HCPCS
G8082	ESRD patient requiring hemodialysis documented to have received vascular access other than autogenous AV fistula	Procedure	HCPCS
G8085	ESRD patient requiring hemodialysis vascular access was not an eligible candidate for autogenous AV fistula	Procedure	HCPCS
G8575	Developed postoperative renal failure or required dialysis	Procedure	HCPCS
G8576	No postoperative renal failure/dialysis not required	Procedure	HCPCS
G8714	Hemodialysis treatment performed exactly 3 times per week > 90 days	Procedure	HCPCS
G8715	Hemodialysis treatment performed less than 3 times per week or greater than 3 times per week	Procedure	HCPCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
G8727	Patient receiving hemodialysis, peritoneal dialysis or kidney transplantation	Procedure	HCPCS
G8956	Patient receiving maintenance hemodialysis in an outpatient dialysis facility	Procedure	HCPCS
G8957	Patient not receiving maintenance hemodialysis in an outpatient dialysis facility	Procedure	HCPCS
G9239	Documentation of reasons for patient initiating maintenance hemodialysis with a catheter as the mode of vascular access (e.g., patient has a maturing arteriovenous fistula (AVF)/arteriovenous graft (AVG), time limited trial of hemodialysis, other medical reasons, patient declined AVF/AVG, other patient reasons, patient followed by reporting nephrologist for fewer than 90 days, other system reasons)	Procedure	HCPCS
G9240	Patient whose mode of vascular access is a catheter at the time maintenance hemodialysis is initiated	Procedure	HCPCS
G9241	Patient whose mode of vascular access is not a catheter at the time maintenance hemodialysis is initiated	Procedure	HCPCS
G9264	Documentation of patient receiving maintenance hemodialysis for greater than or equal to 90 days with a catheter for documented reasons (e.g., other medical reasons, patient declined arteriovenous fistula (AVF)/arteriovenous graft (AVG), other patient reasons)	Procedure	HCPCS
G9265	Patient receiving maintenance hemodialysis for greater than or equal to 90 days with a catheter as the mode of vascular access	Procedure	HCPCS
G9266	Patient receiving maintenance hemodialysis for greater than or equal to 90 days without a catheter as the mode of vascular access	Procedure	HCPCS
G9523	Patient discontinued from hemodialysis or peritoneal dialysis	Procedure	HCPCS
G9747	Patient is undergoing palliative dialysis with a catheter	Procedure	HCPCS
G9749	Patient is undergoing palliative dialysis with a catheter	Procedure	HCPCS
I95.3	Hypotension of hemodialysis	Diagnosis	ICD-10-CM
J0604	Cinacalcet, oral, 1 mg, (for ESRD on dialysis)	Procedure	HCPCS
J0879	Injection, difelikefalin, 0.1 mcg, (for ESRD on dialysis)	Procedure	HCPCS
J0882	Injection, darbepoetin alfa, 1 mcg (for ESRD on dialysis)	Procedure	HCPCS
J0884	Injection, argatroban, 1 mg (for ESRD on dialysis)	Procedure	HCPCS
J0886	Injection, epoetin alfa, 1000 units (for ESRD on dialysis)	Procedure	HCPCS
J0887	Injection, epoetin beta, 1 mcg, (for ESRD on dialysis)	Procedure	HCPCS
J0889	Daprodustat, oral, 1 mg, (for ESRD on dialysis)	Procedure	HCPCS
J0890	Injection, peginesatide, 0.1 mg (for ESRD on dialysis)	Procedure	HCPCS
J0892	Injection, argatroban (Accord), not therapeutically equivalent to J0884, 1 mg (for ESRD on dialysis)	Procedure	HCPCS
J0899	Injection, argatroban (AuroMedics), not therapeutically equivalent to J0884, 1 mg (for ESRD on dialysis)	Procedure	HCPCS
J3591	Unclassified drug or biological used for ESRD on dialysis	Procedure	HCPCS
K0610	Peritoneal dialysis clamp, each	Procedure	HCPCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
K0611	Disposable cycler set used with cycler dialysis machine, each	Procedure	HCPCS
K0612	Drainage extension line, sterile, for dialysis, each	Procedure	HCPCS
K0613	Extension line with easy lock connectors, used with dialysis	Procedure	HCPCS
K0614	Chemicals/antiseptic solution used to clean/sterilize dialysis equipment, per 8 oz	Procedure	HCPCS
M1262	Patients who had a transplant prior to initiation of dialysis	Procedure	HCPCS
M1263	Patients in hospice on their initiation of dialysis date or during the month of evaluation	Procedure	HCPCS
M1264	Patients age 75 or older on their initiation of dialysis date	Procedure	HCPCS
M1269	Receiving ESRD MCP dialysis services by the provider on the last day of the reporting month	Procedure	HCPCS
M1273	Patients who were admitted to a skilled nursing facility (SNF) within 1 year of dialysis initiation according to the CMS-2728 Form	Procedure	HCPCS
Q0139	Injection, ferumoxytol, for treatment of iron deficiency anemia, 1 mg (for ESRD on dialysis)	Procedure	HCPCS
Q2047	Injection, peginesatide, 0.1 mg (for ESRD on dialysis)	Procedure	HCPCS
Q3023	Injection, hepatitis B vaccine, immunosuppressed patients (including renal dialysis patients), per dose	Procedure	HCPCS
Q4054	Injection, darbepoetin alfa, 1 mcg (for ESRD on dialysis)	Procedure	HCPCS
Q4055	Injection, epoetin alfa, 1000 units (for ESRD on dialysis)	Procedure	HCPCS
Q4081	Injection, epoetin alfa, 100 units (for ESRD on dialysis)	Procedure	HCPCS
Q5105	Injection, epoetin alfa-epbx, biosimilar, (Retacrit) (for ESRD on dialysis), 100 units	Procedure	HCPCS
Q9972	Injection, epoetin beta, 1 microgram, (for ESRD on dialysis)	Procedure	HCPCS
R88.0	Cloudy (hemodialysis) (peritoneal) dialysis effluent	Diagnosis	ICD-10-CM
S0194	Dialysis/stress vitamin supplement, oral, 100 capsules	Procedure	HCPCS
S9335	Home therapy, hemodialysis; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing services coded separately), per diem	Procedure	HCPCS
S9339	Home therapy; peritoneal dialysis, administrative services, professional pharmacy services, care coordination and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	Procedure	HCPCS
T85.611A	Breakdown (mechanical) of intraperitoneal dialysis catheter, initial encounter	Diagnosis	ICD-10-CM
T85.621A	Displacement of intraperitoneal dialysis catheter, initial encounter	Diagnosis	ICD-10-CM
T85.631A	Leakage of intraperitoneal dialysis catheter, initial encounter	Diagnosis	ICD-10-CM
T85.691A	Other mechanical complication of intraperitoneal dialysis catheter, initial encounter	Diagnosis	ICD-10-CM
T85.71XA	Infection and inflammatory reaction due to peritoneal dialysis catheter, initial encounter	Diagnosis	ICD-10-CM
V45.1	Renal dialysis status	Diagnosis	ICD-9-CM
V45.11	Renal dialysis status	Diagnosis	ICD-9-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
V56	Encounter for dialysis and dialysis catheter care	Diagnosis	ICD-9-CM
V56.0	Encounter for extracorporeal dialysis	Diagnosis	ICD-9-CM
V56.1	Fitting and adjustment of extracorporeal dialysis catheter	Diagnosis	ICD-9-CM
V56.2	Fitting and adjustment of peritoneal dialysis catheter	Diagnosis	ICD-9-CM
V56.3	Encounter for adequacy testing for dialysis	Diagnosis	ICD-9-CM
V56.31	Encounter for adequacy testing for hemodialysis	Diagnosis	ICD-9-CM
V56.32	Encounter for adequacy testing for peritoneal dialysis	Diagnosis	ICD-9-CM
V56.8	Encounter other dialysis	Diagnosis	ICD-9-CM
Y62.2	Failure of sterile precautions during kidney dialysis and other perfusion	Diagnosis	ICD-10-CM
Y84.1	Kidney dialysis as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure	Diagnosis	ICD-10-CM
Z49.0	Preparatory care for renal dialysis	Diagnosis	ICD-10-CM
Z49.01	Encounter for fitting and adjustment of extracorporeal dialysis catheter	Diagnosis	ICD-10-CM
Z49.02	Encounter for fitting and adjustment of peritoneal dialysis catheter	Diagnosis	ICD-10-CM
Z49.3	Encounter for adequacy testing for dialysis	Diagnosis	ICD-10-CM
Z49.31	Encounter for adequacy testing for hemodialysis	Diagnosis	ICD-10-CM
Z49.32	Encounter for adequacy testing for peritoneal dialysis	Diagnosis	ICD-10-CM
Z91.15	Patient's noncompliance with renal dialysis	Diagnosis	ICD-10-CM
Z99.2	Dependence on renal dialysis	Diagnosis	ICD-10-CM
Diuretics			
C9488	Injection, conivaptan HCl, 1 mg	Procedure	HCPCS
J1205	Injection, chlorothiazide sodium, per 500 mg	Procedure	HCPCS
J1807	Injection, ethacrynate sodium, 1 mg	Procedure	HCPCS
J1938	Injection, furosemide, 1 mg	Procedure	HCPCS
J1939	Injection, bumetanide, 0.5 mg	Procedure	HCPCS
J1940	Injection, furosemide, up to 20 mg	Procedure	HCPCS
J1941	Injection, furosemide (Furoscix), 20 mg	Procedure	HCPCS
J3265	Injection, torsemide, 10 mg/ml	Procedure	HCPCS
S0171	Injection, bumetanide, 0.5 mg	Procedure	HCPCS
Electrolyte disorders			
E86.0	Dehydration	Diagnosis	ICD-10-CM
E86.1	Hypovolemia	Diagnosis	ICD-10-CM
E86.9	Volume depletion, unspecified	Diagnosis	ICD-10-CM
E87	Other disorders of fluid, electrolyte and acid-base balance	Diagnosis	ICD-10-CM
E87.0	Hyperosmolality and hypernatremia	Diagnosis	ICD-10-CM
E87.1	Hypo-osmolality and hyponatremia	Diagnosis	ICD-10-CM
E87.2	Acidosis	Diagnosis	ICD-10-CM
E87.20	Acidosis, unspecified	Diagnosis	ICD-10-CM
E87.21	Acute metabolic acidosis	Diagnosis	ICD-10-CM
E87.22	Chronic metabolic acidosis	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E87.29	Other acidosis	Diagnosis	ICD-10-CM
E87.3	Alkalosis	Diagnosis	ICD-10-CM
E87.4	Mixed disorder of acid-base balance	Diagnosis	ICD-10-CM
E87.5	Hyperkalemia	Diagnosis	ICD-10-CM
E87.6	Hypokalemia	Diagnosis	ICD-10-CM
E87.70	Fluid overload, unspecified	Diagnosis	ICD-10-CM
E87.71	Transfusion associated circulatory overload	Diagnosis	ICD-10-CM
E87.79	Other fluid overload	Diagnosis	ICD-10-CM
E87.8	Other disorders of electrolyte and fluid balance, not elsewhere classified	Diagnosis	ICD-10-CM
Endoscopy			
0008T	Upper gastrointestinal endoscopy including esophagus, stomach, and either the duodenum and/or jejunum as appropriate, with suturing of the esophagogastric junction	Procedure	CPT-3
0057T	Upper gastrointestinal endoscopy, including esophagus, stomach, and either the duodenum and/or jejunum as appropriate, with delivery of thermal energy to the muscle of the lower esophageal sphincter and/or gastric cardia, for treatment of gastroesophageal reflux disease	Procedure	CPT-3
0133T	Upper gastrointestinal endoscopy, including esophagus, stomach, and either the duodenum and/or jejunum as appropriate, with injection of implant material into and along the muscle of the lower esophageal sphincter (eg, for treatment of gastroesophageal reflux disease)	Procedure	CPT-3
0355T	Gastrointestinal tract imaging, intraluminal (eg, capsule endoscopy), colon, with interpretation and report	Procedure	CPT-3
0651T	Magnetically controlled capsule endoscopy, esophagus through stomach, including intraprocedural positioning of capsule, with interpretation and report	Procedure	CPT-3
43234	Upper gastrointestinal endoscopy, simple primary examination (eg, with small diameter flexible endoscope) (separate procedure)	Procedure	CPT-4
43256	Upper gastrointestinal endoscopy including esophagus, stomach, and either the duodenum and/or jejunum as appropriate; with transendoscopic stent placement (includes predilation)	Procedure	CPT-4
43258	Upper gastrointestinal endoscopy including esophagus, stomach, and either the duodenum and/or jejunum as appropriate; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique	Procedure	CPT-4
44360	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)	Procedure	CPT-4
44361	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with biopsy, single or multiple	Procedure	CPT-4

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
44363	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with removal of foreign body(s)	Procedure	CPT-4
44364	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique	Procedure	CPT-4
44365	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps or bipolar cautery	Procedure	CPT-4
44366	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)	Procedure	CPT-4
44369	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique	Procedure	CPT-4
44370	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with transendoscopic stent placement (includes predilation)	Procedure	CPT-4
44372	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with placement of percutaneous jejunostomy tube	Procedure	CPT-4
44373	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with conversion of percutaneous gastrostomy tube to percutaneous jejunostomy tube	Procedure	CPT-4
44376	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; diagnostic, with or without collection of specimen(s) by brushing or washing (separate procedure)	Procedure	CPT-4
44377	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; with biopsy, single or multiple	Procedure	CPT-4
44378	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)	Procedure	CPT-4
44379	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; with transendoscopic stent placement (includes predilation)	Procedure	CPT-4
47550	Biliary endoscopy, intraoperative (choledochoscopy) (List separately in addition to code for primary procedure)	Procedure	CPT-4
47552	Biliary endoscopy, percutaneous via T-tube or other tract; diagnostic, with collection of specimen(s) by brushing and/or washing, when performed (separate procedure)	Procedure	CPT-4

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Code	Description	Code Category	Code Type
47553	Biliary endoscopy, percutaneous via T-tube or other tract; with biopsy, single or multiple	Procedure	CPT-4
47554	Biliary endoscopy, percutaneous via T-tube or other tract; with removal of calculus/calculi	Procedure	CPT-4
47555	Biliary endoscopy, percutaneous via T-tube or other tract; with dilation of biliary duct stricture(s) without stent	Procedure	CPT-4
47556	Biliary endoscopy, percutaneous via T-tube or other tract; with dilation of biliary duct stricture(s) with stent	Procedure	CPT-4
91110	Gastrointestinal tract imaging, intraluminal (eg, capsule endoscopy), esophagus through ileum, with interpretation and report	Procedure	CPT-4
91111	Gastrointestinal tract imaging, intraluminal (eg, capsule endoscopy), esophagus with interpretation and report	Procedure	CPT-4
91113	Gastrointestinal tract imaging, intraluminal (eg, capsule endoscopy), colon, with interpretation and report	Procedure	CPT-4
96570	Photodynamic therapy by endoscopic application of light to ablate abnormal tissue via activation of photosensitive drug(s); first 30 minutes (List separately in addition to code for endoscopy or bronchoscopy procedures of lung and gastrointestinal tract)	Procedure	CPT-4
96571	Photodynamic therapy by endoscopic application of light to ablate abnormal tissue via activation of photosensitive drug(s); each additional 15 minutes (List separately in addition to code for endoscopy or bronchoscopy procedures of lung and gastrointestinal tract)	Procedure	CPT-4
C9724	Endoscopic full-thickness plication of the stomach using endoscopic plication system (EPS); includes endoscopy	Procedure	HCPCS
C9779	Endoscopic submucosal dissection (ESD), including endoscopy or colonoscopy, mucosal closure, when performed	Procedure	HCPCS
C9785	Endoscopic outlet reduction, gastric pouch application, with endoscopy and intraluminal tube insertion, if performed, including all system and tissue anchoring components	Procedure	HCPCS
C9901	Endoscopic defect closure within the entire gastrointestinal tract, including upper endoscopy (including diagnostic, if performed) or colonoscopy (including diagnostic, if performed), with all system and tissue anchoring components	Procedure	HCPCS
S2215	Upper gastrointestinal endoscopy, including esophagus, stomach, and either the duodenum and/or jejunum as appropriate; with injection of implant material into and along the muscle of the lower esophageal sphincter for treatment of gastroesophageal reflux disease	Procedure	HCPCS
Z13.810	Encounter for screening for upper gastrointestinal	Diagnosis	ICD-10-CM
Erythromycin			
J1364	Injection, erythromycin lactobionate, per 500 mg	Procedure	HCPCS
Functional upper gastrointestinal disorder			

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Code	Description	Code Category	Code Type
K22.4	dyskinesia of the esophagus	Diagnosis	ICD-10-CM
K30	Functional dyspepsia	Diagnosis	ICD-10-CM
K31.84	Gastroparesis	Diagnosis	ICD-10-CM
Gastroesophageal reflux disease			
K21	Gastro-esophageal reflux disease	Diagnosis	ICD-10-CM
K21.0	Gastro-esophageal reflux disease with esophagitis	Diagnosis	ICD-10-CM
K21.00	Gastro-esophageal reflux disease with esophagitis, without bleeding	Diagnosis	ICD-10-CM
K21.01	Gastro-esophageal reflux disease with esophagitis, with bleeding	Diagnosis	ICD-10-CM
K21.9	Gastro-esophageal reflux disease without esophagitis	Diagnosis	ICD-10-CM
Gastrointestinal symptoms			
R10.10	Upper abdominal pain, unspecified	Diagnosis	ICD-10-CM
R10.11	Right upper quadrant pain	Diagnosis	ICD-10-CM
R10.12	Left upper quadrant pain	Diagnosis	ICD-10-CM
R10.13	Epigastric pain	Diagnosis	ICD-10-CM
R10.30	Lower abdominal pain, unspecified	Diagnosis	ICD-10-CM
R10.31	Right lower quadrant pain	Diagnosis	ICD-10-CM
R10.32	Left lower quadrant pain	Diagnosis	ICD-10-CM
R10.8	Other abdominal pain	Diagnosis	ICD-10-CM
R10.84	Generalized abdominal pain	Diagnosis	ICD-10-CM
R10.85	Abdominal pain of multiple sites	Diagnosis	ICD-10-CM
R10.9	Unspecified abdominal pain	Diagnosis	ICD-10-CM
R11.0	Nausea	Diagnosis	ICD-10-CM
R11.2	Nausea with vomiting	Diagnosis	ICD-10-CM
R12	Heatburn	Diagnosis	ICD-10-CM
R14.0	Abdominal distension	Diagnosis	ICD-10-CM
R14.2	Eructation	Diagnosis	ICD-10-CM
R68.81	Early satiety	Diagnosis	ICD-10-CM
Gastrointestinal obstruction			
E84.11	Meconium ileus in cystic fibrosis	Diagnosis	ICD-10-CM
K51.012	Ulcerative (chronic) pancolitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.212	Ulcerative (chronic) proctitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.312	Ulcerative (chronic) rectosigmoiditis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.412	Inflammatory polyps of colon with intestinal obstruction	Diagnosis	ICD-10-CM
K51.512	Left sided colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K56	Paralytic ileus and intestinal obstruction without hernia	Diagnosis	ICD-10-CM
K56.0	Paralytic ileus	Diagnosis	ICD-10-CM
K56.1	Intussusception	Diagnosis	ICD-10-CM
K56.2	Volvulus	Diagnosis	ICD-10-CM
K56.3	Gallstone ileus	Diagnosis	ICD-10-CM
K56.4	Other impaction of intestine	Diagnosis	ICD-10-CM
K56.41	Fecal impaction	Diagnosis	ICD-10-CM
K56.49	Other impaction of intestine	Diagnosis	ICD-10-CM
K56.5	Intestinal adhesions [bands] with obstruction (postinfection)	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
K56.50	Intestinal adhesions [bands], unspecified as to partial versus complete obstruction	Diagnosis	ICD-10-CM
K56.51	Intestinal adhesions [bands], with partial obstruction	Diagnosis	ICD-10-CM
K56.52	Intestinal adhesions [bands] with complete obstruction	Diagnosis	ICD-10-CM
K56.6	Other and unspecified intestinal obstruction	Diagnosis	ICD-10-CM
K56.60	Unspecified intestinal obstruction	Diagnosis	ICD-10-CM
K56.600	Partial intestinal obstruction, unspecified as to cause	Diagnosis	ICD-10-CM
K56.601	Complete intestinal obstruction, unspecified as to cause	Diagnosis	ICD-10-CM
K56.609	Unspecified intestinal obstruction, unspecified as to partial versus complete obstruction	Diagnosis	ICD-10-CM
K56.69	Other intestinal obstruction	Diagnosis	ICD-10-CM
K56.690	Other partial intestinal obstruction	Diagnosis	ICD-10-CM
K56.691	Other complete intestinal obstruction	Diagnosis	ICD-10-CM
K56.699	Other intestinal obstruction unspecified as to partial versus complete obstruction	Diagnosis	ICD-10-CM
K56.7	Ileus, unspecified	Diagnosis	ICD-10-CM
K91.3	Postprocedural intestinal obstruction	Diagnosis	ICD-10-CM
K91.30	Postprocedural intestinal obstruction, unspecified as to partial versus complete	Diagnosis	ICD-10-CM
K91.31	Postprocedural partial intestinal obstruction	Diagnosis	ICD-10-CM
K91.32	Postprocedural complete intestinal obstruction	Diagnosis	ICD-10-CM
Heart failure			
I09.81	Rheumatic heart failure	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I42.0	Dilated cardiomyopathy	Diagnosis	ICD-10-CM
I42.5	Other restrictive cardiomyopathy	Diagnosis	ICD-10-CM
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
I42.7	Cardiomyopathy due to drug and external agent	Diagnosis	ICD-10-CM
I42.8	Other cardiomyopathies	Diagnosis	ICD-10-CM
I43	Cardiomyopathy in diseases classified elsewhere	Diagnosis	ICD-10-CM
I50.1	Left ventricular failure, unspecified	Diagnosis	ICD-10-CM
I50.20	Unspecified systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.21	Acute systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.22	Chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.23	Acute on chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.30	Unspecified diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.31	Acute diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.32	Chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.33	Acute on chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.810	Right heart failure, unspecified	Diagnosis	ICD-10-CM
I50.811	Acute right heart failure	Diagnosis	ICD-10-CM
I50.812	Chronic right heart failure	Diagnosis	ICD-10-CM
I50.813	Acute on chronic right heart failure	Diagnosis	ICD-10-CM
I50.814	Right heart failure due to left heart failure	Diagnosis	ICD-10-CM
I50.82	Biventricular heart failure	Diagnosis	ICD-10-CM
I50.83	High output heart failure	Diagnosis	ICD-10-CM
I50.84	End stage heart failure	Diagnosis	ICD-10-CM
I50.89	Other heart failure	Diagnosis	ICD-10-CM
I50.9	Heart failure, unspecified	Diagnosis	ICD-10-CM
Histamine H2-Receptor Antagonists			
J1308	Injection, famotidine, 0.25 mg	Procedure	HCPCS
S0023	Injection, cimetidine HCl, 300 mg	Procedure	HCPCS
S0028	Injection, famotidine, 20 mg	Procedure	HCPCS
Hyperlipidemia			
E78.0	Pure hypercholesterolemia	Diagnosis	ICD-10-CM
E78.00	Pure hypercholesterolemia, unspecified	Diagnosis	ICD-10-CM
E78.01	Familial hypercholesterolemia	Diagnosis	ICD-10-CM
E78.1	Pure hyperglyceridemia	Diagnosis	ICD-10-CM
E78.2	Mixed hyperlipidemia	Diagnosis	ICD-10-CM
E78.3	Hyperchylomicronemia	Diagnosis	ICD-10-CM
E78.4	Other hyperlipidemia	Diagnosis	ICD-10-CM
E78.41	Elevated Lipoprotein(a)	Diagnosis	ICD-10-CM
E78.49	Other hyperlipidemia	Diagnosis	ICD-10-CM
E78.5	Hyperlipidemia, unspecified	Diagnosis	ICD-10-CM
Hypertension			
H35.031	Hypertensive retinopathy, right eye	Diagnosis	ICD-10-CM
H35.032	Hypertensive retinopathy, left eye	Diagnosis	ICD-10-CM
H35.033	Hypertensive retinopathy, bilateral	Diagnosis	ICD-10-CM
H35.039	Hypertensive retinopathy, unspecified eye	Diagnosis	ICD-10-CM
I10	Essential (primary) hypertension	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I11.9	Hypertensive heart disease without heart failure	Diagnosis	ICD-10-CM
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I15.0	Renovascular hypertension	Diagnosis	ICD-10-CM
I15.1	Hypertension secondary to other renal disorders	Diagnosis	ICD-10-CM
I15.2	Hypertension secondary to endocrine disorders	Diagnosis	ICD-10-CM
I15.8	Other secondary hypertension	Diagnosis	ICD-10-CM
I15.9	Secondary hypertension, unspecified	Diagnosis	ICD-10-CM
I67.4	Hypertensive encephalopathy	Diagnosis	ICD-10-CM
N26.2	Page kidney	Diagnosis	ICD-10-CM
Hypothyroidism			
E00.0	Congenital iodine-deficiency syndrome, neurological type	Diagnosis	ICD-10-CM
E00.1	Congenital iodine-deficiency syndrome, myxedematous type	Diagnosis	ICD-10-CM
E00.2	Congenital iodine-deficiency syndrome, mixed type	Diagnosis	ICD-10-CM
E00.9	Congenital iodine-deficiency syndrome, unspecified	Diagnosis	ICD-10-CM
E01.8	Other iodine-deficiency related thyroid disorders and allied conditions	Diagnosis	ICD-10-CM
E02	Subclinical iodine-deficiency hypothyroidism	Diagnosis	ICD-10-CM
E03.0	Congenital hypothyroidism with diffuse goiter	Diagnosis	ICD-10-CM
E03.1	Congenital hypothyroidism without goiter	Diagnosis	ICD-10-CM
E03.2	Hypothyroidism due to medicaments and other exogenous substances	Diagnosis	ICD-10-CM
E03.3	Postinfectious hypothyroidism	Diagnosis	ICD-10-CM
E03.4	Atrophy of thyroid (acquired)	Diagnosis	ICD-10-CM
E03.8	Other specified hypothyroidism	Diagnosis	ICD-10-CM
E03.9	Hypothyroidism, unspecified	Diagnosis	ICD-10-CM
E89.0	Postprocedural hypothyroidism	Diagnosis	ICD-10-CM
Irritable bowel syndrome			
K58	Irritable bowel syndrome	Diagnosis	ICD-10-CM
K58.0	Irritable bowel syndrome with diarrhea	Diagnosis	ICD-10-CM
K58.2	Mixed irritable bowel syndrome	Diagnosis	ICD-10-CM
K58.8	Other irritable bowel syndrome	Diagnosis	ICD-10-CM
K58.9	Irritable bowel syndrome, unspecified	Diagnosis	ICD-10-CM
Irritable bowel syndrome with constipation			

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Code	Description	Code Category	Code Type
K58.1	Irritable bowel syndrome with constipation	Diagnosis	ICD-10-CM
Inflammatory bowel and colonic conditions			
K50	Crohn's disease [regional enteritis]	Diagnosis	ICD-10-CM
K50.0	Crohn's disease of small intestine	Diagnosis	ICD-10-CM
K50.00	Crohn's disease of small intestine without complications	Diagnosis	ICD-10-CM
K50.01	Crohn's disease of small intestine with complications	Diagnosis	ICD-10-CM
K50.011	Crohn's disease of small intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.012	Crohn's disease of small intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.013	Crohn's disease of small intestine with fistula	Diagnosis	ICD-10-CM
K50.014	Crohn's disease of small intestine with abscess	Diagnosis	ICD-10-CM
K50.018	Crohn's disease of small intestine with other complication	Diagnosis	ICD-10-CM
K50.019	Crohn's disease of small intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.1	Crohn's disease of large intestine	Diagnosis	ICD-10-CM
K50.10	Crohn's disease of large intestine without complications	Diagnosis	ICD-10-CM
K50.11	Crohn's disease of large intestine with complications	Diagnosis	ICD-10-CM
K50.111	Crohn's disease of large intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.112	Crohn's disease of large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.113	Crohn's disease of large intestine with fistula	Diagnosis	ICD-10-CM
K50.114	Crohn's disease of large intestine with abscess	Diagnosis	ICD-10-CM
K50.118	Crohn's disease of large intestine with other complication	Diagnosis	ICD-10-CM
K50.119	Crohn's disease of large intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.8	Crohn's disease of both small and large intestine	Diagnosis	ICD-10-CM
K50.80	Crohn's disease of both small and large intestine without complications	Diagnosis	ICD-10-CM
K50.81	Crohn's disease of both small and large intestine with complications	Diagnosis	ICD-10-CM
K50.811	Crohn's disease of both small and large intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.812	Crohn's disease of both small and large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.813	Crohn's disease of both small and large intestine with fistula	Diagnosis	ICD-10-CM
K50.814	Crohn's disease of both small and large intestine with abscess	Diagnosis	ICD-10-CM
K50.818	Crohn's disease of both small and large intestine with other complication	Diagnosis	ICD-10-CM
K50.819	Crohn's disease of both small and large intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.9	Crohn's disease, unspecified	Diagnosis	ICD-10-CM
K50.90	Crohn's disease, unspecified, without complications	Diagnosis	ICD-10-CM
K50.91	Crohn's disease, unspecified, with complications	Diagnosis	ICD-10-CM
K50.911	Crohn's disease, unspecified, with rectal bleeding	Diagnosis	ICD-10-CM
K50.912	Crohn's disease, unspecified, with intestinal obstruction	Diagnosis	ICD-10-CM
K50.913	Crohn's disease, unspecified, with fistula	Diagnosis	ICD-10-CM
K50.914	Crohn's disease, unspecified, with abscess	Diagnosis	ICD-10-CM
K50.918	Crohn's disease, unspecified, with other complication	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
K50.919	Crohn's disease, unspecified, with unspecified complications	Diagnosis	ICD-10-CM
K51	Ulcerative colitis	Diagnosis	ICD-10-CM
K51.0	Ulcerative (chronic) pancolitis	Diagnosis	ICD-10-CM
K51.00	Ulcerative (chronic) pancolitis without complications	Diagnosis	ICD-10-CM
K51.01	Ulcerative (chronic) pancolitis with complications	Diagnosis	ICD-10-CM
K51.011	Ulcerative (chronic) pancolitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.012	Ulcerative (chronic) pancolitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.013	Ulcerative (chronic) pancolitis with fistula	Diagnosis	ICD-10-CM
K51.014	Ulcerative (chronic) pancolitis with abscess	Diagnosis	ICD-10-CM
K51.018	Ulcerative (chronic) pancolitis with other complication	Diagnosis	ICD-10-CM
K51.019	Ulcerative (chronic) pancolitis with unspecified complications	Diagnosis	ICD-10-CM
K51.2	Ulcerative (chronic) proctitis	Diagnosis	ICD-10-CM
K51.20	Ulcerative (chronic) proctitis without complications	Diagnosis	ICD-10-CM
K51.21	Ulcerative (chronic) proctitis with complications	Diagnosis	ICD-10-CM
K51.211	Ulcerative (chronic) proctitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.212	Ulcerative (chronic) proctitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.213	Ulcerative (chronic) proctitis with fistula	Diagnosis	ICD-10-CM
K51.214	Ulcerative (chronic) proctitis with abscess	Diagnosis	ICD-10-CM
K51.218	Ulcerative (chronic) proctitis with other complication	Diagnosis	ICD-10-CM
K51.219	Ulcerative (chronic) proctitis with unspecified complications	Diagnosis	ICD-10-CM
K51.3	Ulcerative (chronic) rectosigmoiditis	Diagnosis	ICD-10-CM
K51.30	Ulcerative (chronic) rectosigmoiditis without complications	Diagnosis	ICD-10-CM
K51.31	Ulcerative (chronic) rectosigmoiditis with complications	Diagnosis	ICD-10-CM
K51.311	Ulcerative (chronic) rectosigmoiditis with rectal bleeding	Diagnosis	ICD-10-CM
K51.312	Ulcerative (chronic) rectosigmoiditis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.313	Ulcerative (chronic) rectosigmoiditis with fistula	Diagnosis	ICD-10-CM
K51.314	Ulcerative (chronic) rectosigmoiditis with abscess	Diagnosis	ICD-10-CM
K51.318	Ulcerative (chronic) rectosigmoiditis with other complication	Diagnosis	ICD-10-CM
K51.319	Ulcerative (chronic) rectosigmoiditis with unspecified complications	Diagnosis	ICD-10-CM
K51.4	Inflammatory polyps of colon	Diagnosis	ICD-10-CM
K51.40	Inflammatory polyps of colon without complications	Diagnosis	ICD-10-CM
K51.41	Inflammatory polyps of colon with complications	Diagnosis	ICD-10-CM
K51.411	Inflammatory polyps of colon with rectal bleeding	Diagnosis	ICD-10-CM
K51.412	Inflammatory polyps of colon with intestinal obstruction	Diagnosis	ICD-10-CM
K51.413	Inflammatory polyps of colon with fistula	Diagnosis	ICD-10-CM
K51.414	Inflammatory polyps of colon with abscess	Diagnosis	ICD-10-CM
K51.418	Inflammatory polyps of colon with other complication	Diagnosis	ICD-10-CM
K51.419	Inflammatory polyps of colon with unspecified complications	Diagnosis	ICD-10-CM
K51.5	Left sided colitis	Diagnosis	ICD-10-CM
K51.50	Left sided colitis without complications	Diagnosis	ICD-10-CM
K51.51	Left sided colitis with complications	Diagnosis	ICD-10-CM
K51.511	Left sided colitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.512	Left sided colitis with intestinal obstruction	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
K51.513	Left sided colitis with fistula	Diagnosis	ICD-10-CM
K51.514	Left sided colitis with abscess	Diagnosis	ICD-10-CM
K51.518	Left sided colitis with other complication	Diagnosis	ICD-10-CM
K51.519	Left sided colitis with unspecified complications	Diagnosis	ICD-10-CM
K51.8	Other ulcerative colitis	Diagnosis	ICD-10-CM
K51.80	Other ulcerative colitis without complications	Diagnosis	ICD-10-CM
K51.81	Other ulcerative colitis with complications	Diagnosis	ICD-10-CM
K51.811	Other ulcerative colitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.812	Other ulcerative colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.813	Other ulcerative colitis with fistula	Diagnosis	ICD-10-CM
K51.814	Other ulcerative colitis with abscess	Diagnosis	ICD-10-CM
K51.818	Other ulcerative colitis with other complication	Diagnosis	ICD-10-CM
K51.819	Other ulcerative colitis with unspecified complications	Diagnosis	ICD-10-CM
K51.9	Ulcerative colitis, unspecified	Diagnosis	ICD-10-CM
K51.90	Ulcerative colitis, unspecified, without complications	Diagnosis	ICD-10-CM
K51.91	Ulcerative colitis, unspecified, with complications	Diagnosis	ICD-10-CM
K51.911	Ulcerative colitis, unspecified with rectal bleeding	Diagnosis	ICD-10-CM
K51.912	Ulcerative colitis, unspecified with intestinal obstruction	Diagnosis	ICD-10-CM
K51.913	Ulcerative colitis, unspecified with fistula	Diagnosis	ICD-10-CM
K51.914	Ulcerative colitis, unspecified with abscess	Diagnosis	ICD-10-CM
K51.918	Ulcerative colitis, unspecified with other complication	Diagnosis	ICD-10-CM
K51.919	Ulcerative colitis, unspecified with unspecified complications	Diagnosis	ICD-10-CM
K52	Other and unspecified noninfective gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.0	Gastroenteritis and colitis due to radiation	Diagnosis	ICD-10-CM
K52.1	Toxic gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.2	Allergic and dietetic gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.21	Food protein-induced enterocolitis syndrome	Diagnosis	ICD-10-CM
K52.22	Food protein-induced enteropathy	Diagnosis	ICD-10-CM
K52.29	Other allergic and dietetic gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.3	Indeterminate colitis	Diagnosis	ICD-10-CM
K52.8	Other specified noninfective gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.81	Eosinophilic gastritis or gastroenteritis	Diagnosis	ICD-10-CM
K52.82	Eosinophilic colitis	Diagnosis	ICD-10-CM
K52.83	Microscopic colitis	Diagnosis	ICD-10-CM
K52.831	Collagenous colitis	Diagnosis	ICD-10-CM
K52.832	Lymphocytic colitis	Diagnosis	ICD-10-CM
K52.838	Other microscopic colitis	Diagnosis	ICD-10-CM
K52.839	Microscopic colitis, unspecified	Diagnosis	ICD-10-CM
K52.89	Other specified noninfective gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.9	Noninfective gastroenteritis and colitis, unspecified	Diagnosis	ICD-10-CM
K57.0	Diverticulitis of small intestine with perforation and abscess	Diagnosis	ICD-10-CM
K57.00	Diverticulitis of small intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
K57.01	Diverticulitis of small intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.12	Diverticulitis of small intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.13	Diverticulitis of small intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.2	Diverticulitis of large intestine with perforation and abscess	Diagnosis	ICD-10-CM
K57.20	Diverticulitis of large intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.21	Diverticulitis of large intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.32	Diverticulitis of large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.33	Diverticulitis of large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.4	Diverticulitis of both small and large intestine with perforation and abscess	Diagnosis	ICD-10-CM
K57.40	Diverticulitis of both small and large intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.41	Diverticulitis of both small and large intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.52	Diverticulitis of both small and large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.53	Diverticulitis of both small and large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.8	Diverticulitis of intestine, part unspecified, with perforation and abscess	Diagnosis	ICD-10-CM
K57.80	Diverticulitis of intestine, part unspecified, with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.81	Diverticulitis of intestine, part unspecified, with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.92	Diverticulitis of intestine, part unspecified, without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.93	Diverticulitis of intestine, part unspecified, without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
Ischemic heart disease			
I20	Angina pectoris	Diagnosis	ICD-10-CM
I20.0	Unstable angina	Diagnosis	ICD-10-CM
I20.1	Angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I20.2	Refractory angina pectoris	Diagnosis	ICD-10-CM
I20.8	Other forms of angina pectoris	Diagnosis	ICD-10-CM
I20.81	Angina pectoris with coronary microvascular dysfunction	Diagnosis	ICD-10-CM
I20.89	Other forms of angina pectoris	Diagnosis	ICD-10-CM
I20.9	Angina pectoris, unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	Diagnosis	ICD-10-CM
I24.1	Dressler's syndrome	Diagnosis	ICD-10-CM
I24.8	Other forms of acute ischemic heart disease	Diagnosis	ICD-10-CM
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	Diagnosis	ICD-10-CM
I25.11	Atherosclerotic heart disease of native coronary artery with angina pectoris	Diagnosis	ICD-10-CM
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.112	Atherosclerotic heart disease of native coronary artery with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.3	Aneurysm of heart	Diagnosis	ICD-10-CM
I25.41	Coronary artery aneurysm	Diagnosis	ICD-10-CM
I25.42	Coronary artery dissection	Diagnosis	ICD-10-CM
I25.5	Ischemic cardiomyopathy	Diagnosis	ICD-10-CM
I25.6	Silent myocardial ischemia	Diagnosis	ICD-10-CM
I25.7	Atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.70	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris	Diagnosis	ICD-10-CM
I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.702	Atherosclerosis of coronary artery bypass graft(s), unspecified, with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.71	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.712	Atherosclerosis of autologous vein coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.72	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.722	Atherosclerosis of autologous artery coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.73	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.732	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.75	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.752	Atherosclerosis of native coronary artery of transplanted heart with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.76	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.762	Atherosclerosis of bypass graft of coronary artery of transplanted heart with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.79	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.792	Atherosclerosis of other coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.81	Atherosclerosis of other coronary vessels without angina pectoris	Diagnosis	ICD-10-CM
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	Diagnosis	ICD-10-CM
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.82	Chronic total occlusion of coronary artery	Diagnosis	ICD-10-CM
I25.83	Coronary atherosclerosis due to lipid rich plaque	Diagnosis	ICD-10-CM
I25.84	Coronary atherosclerosis due to calcified coronary lesion	Diagnosis	ICD-10-CM
I25.89	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.9	Chronic ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
Liver Disease Cirrhosis and Other Liver Conditions			
K70.0	Alcoholic fatty liver	Diagnosis	ICD-10-CM
K70.10	Alcoholic hepatitis without ascites	Diagnosis	ICD-10-CM
K70.11	Alcoholic hepatitis with ascites	Diagnosis	ICD-10-CM
K70.2	Alcoholic fibrosis and sclerosis of liver	Diagnosis	ICD-10-CM
K70.30	Alcoholic cirrhosis of liver without ascites	Diagnosis	ICD-10-CM
K70.31	Alcoholic cirrhosis of liver with ascites	Diagnosis	ICD-10-CM
K70.40	Alcoholic hepatic failure without coma	Diagnosis	ICD-10-CM
K70.41	Alcoholic hepatic failure with coma	Diagnosis	ICD-10-CM
K70.9	Alcoholic liver disease, unspecified	Diagnosis	ICD-10-CM
K71.0	Toxic liver disease with cholestasis	Diagnosis	ICD-10-CM
K71.11	Toxic liver disease with hepatic necrosis, with coma	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
K71.7	Toxic liver disease with fibrosis and cirrhosis of liver	Diagnosis	ICD-10-CM
K71.8	Toxic liver disease with other disorders of liver	Diagnosis	ICD-10-CM
K71.9	Toxic liver disease, unspecified	Diagnosis	ICD-10-CM
K72.00	Acute and subacute hepatic failure without coma	Diagnosis	ICD-10-CM
K72.01	Acute and subacute hepatic failure with coma	Diagnosis	ICD-10-CM
K72.10	Chronic hepatic failure without coma	Diagnosis	ICD-10-CM
K72.11	Chronic hepatic failure with coma	Diagnosis	ICD-10-CM
K72.90	Hepatic failure, unspecified without coma	Diagnosis	ICD-10-CM
K72.91	Hepatic failure, unspecified with coma	Diagnosis	ICD-10-CM
K74.0	Hepatic fibrosis	Diagnosis	ICD-10-CM
K74.00	Hepatic fibrosis, unspecified	Diagnosis	ICD-10-CM
K74.01	Hepatic fibrosis, early fibrosis	Diagnosis	ICD-10-CM
K74.02	Hepatic fibrosis, advanced fibrosis	Diagnosis	ICD-10-CM
K74.1	Hepatic sclerosis	Diagnosis	ICD-10-CM
K74.2	Hepatic fibrosis with hepatic sclerosis	Diagnosis	ICD-10-CM
K74.3	Primary biliary cirrhosis	Diagnosis	ICD-10-CM
K74.4	Secondary biliary cirrhosis	Diagnosis	ICD-10-CM
K74.5	Biliary cirrhosis, unspecified	Diagnosis	ICD-10-CM
K74.60	Unspecified cirrhosis of liver	Diagnosis	ICD-10-CM
K74.69	Other cirrhosis of liver	Diagnosis	ICD-10-CM
K75.0	Abscess of liver	Diagnosis	ICD-10-CM
K75.1	Phlebitis of portal vein	Diagnosis	ICD-10-CM
K75.81	Nonalcoholic steatohepatitis (NASH)	Diagnosis	ICD-10-CM
K75.89	Other specified inflammatory liver diseases	Diagnosis	ICD-10-CM
K75.9	Inflammatory liver disease, unspecified	Diagnosis	ICD-10-CM
K76.0	Fatty (change of) liver, not elsewhere classified	Diagnosis	ICD-10-CM
K76.1	Chronic passive congestion of liver	Diagnosis	ICD-10-CM
K76.2	Central hemorrhagic necrosis of liver	Diagnosis	ICD-10-CM
K76.3	Infarction of liver	Diagnosis	ICD-10-CM
K76.5	Hepatic veno-occlusive disease	Diagnosis	ICD-10-CM
K76.6	Portal hypertension	Diagnosis	ICD-10-CM
K76.7	Hepatorenal syndrome	Diagnosis	ICD-10-CM
K76.81	Hepatopulmonary syndrome	Diagnosis	ICD-10-CM
K76.82	Hepatic encephalopathy	Diagnosis	ICD-10-CM
K76.89	Other specified diseases of liver	Diagnosis	ICD-10-CM
K76.9	Liver disease, unspecified	Diagnosis	ICD-10-CM
K77	Liver disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
K80.30	Calculus of bile duct with cholangitis, unspecified, without obstruction	Diagnosis	ICD-10-CM
K80.31	Calculus of bile duct with cholangitis, unspecified, with obstruction	Diagnosis	ICD-10-CM
K80.32	Calculus of bile duct with acute cholangitis without obstruction	Diagnosis	ICD-10-CM
K80.33	Calculus of bile duct with acute cholangitis with obstruction	Diagnosis	ICD-10-CM
K80.34	Calculus of bile duct with chronic cholangitis without obstruction	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
K80.35	Calculus of bile duct with chronic cholangitis with obstruction	Diagnosis	ICD-10-CM
K80.36	Calculus of bile duct with acute and chronic cholangitis without obstruction	Diagnosis	ICD-10-CM
K80.37	Calculus of bile duct with acute and chronic cholangitis with obstruction	Diagnosis	ICD-10-CM
K83.0	Cholangitis	Diagnosis	ICD-10-CM
R16.0	Hepatomegaly, not elsewhere classified	Diagnosis	ICD-10-CM
R16.2	Hepatomegaly with splenomegaly, not elsewhere classified	Diagnosis	ICD-10-CM
Z48.23	Encounter for aftercare following liver transplant	Diagnosis	ICD-10-CM
Z94.4	Liver transplant status	Diagnosis	ICD-10-CM
Metoclopramide			
J2765	Injection, metoclopramide HCl, up to 10 mg	Procedure	HCPCS
Neurological and Psychiatric Conditions			
4320F	Patient counseled regarding psychosocial and pharmacologic treatment options for alcohol dependence (SUD)	Procedure	CPT-2
61885	Insertion or replacement of cranial neurostimulator pulse generator or receiver, direct or inductive coupling; with connection to a single electrode array	Procedure	CPT-4
61886	Insertion or replacement of cranial neurostimulator pulse generator or receiver, direct or inductive coupling; with connection to 2 or more electrode arrays	Procedure	CPT-4
61888	Revision or removal of cranial neurostimulator pulse generator or receiver	Procedure	CPT-4
64553	Percutaneous implantation of neurostimulator electrode array; cranial nerve	Procedure	CPT-4
64568	Open implantation of cranial nerve (eg, vagus nerve) neurostimulator electrode array and pulse generator	Procedure	CPT-4
64569	Revision or replacement of cranial nerve (eg, vagus nerve) neurostimulator electrode array, including connection to existing pulse generator	Procedure	CPT-4
64570	Removal of cranial nerve (eg, vagus nerve) neurostimulator electrode array and pulse generator	Procedure	CPT-4
64585	Revision or removal of peripheral neurostimulator electrode array	Procedure	CPT-4
8E0ZXY5	Meditation	Procedure	ICD-10-PCS
90810	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 20 to 30 minutes face-to-face with the patient;	Procedure	CPT-4
90811	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 20 to 30 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4

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Code	Description	Code Category	Code Type
90812	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 45 to 50 minutes face-to-face with the patient;	Procedure	CPT-4
90813	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 45 to 50 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90814	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 75 to 80 minutes face-to-face with the patient;	Procedure	CPT-4
90815	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 75 to 80 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90823	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 20 to 30 minutes face-to-face with the patient;	Procedure	CPT-4
90824	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 20 to 30 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90826	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 45 to 50 minutes face-to-face with the patient;	Procedure	CPT-4
90827	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 45 to 50 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4

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Code	Description	Code Category	Code Type
90828	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 75 to 80 minutes face-to-face with the patient;	Procedure	CPT-4
90829	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 75 to 80 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90832	Psychotherapy, 30 minutes with patient	Procedure	CPT-4
90833	Psychotherapy, 30 minutes with patient when performed with an evaluation and management service (List separately in addition to the code for primary procedure)	Procedure	CPT-4
90834	Psychotherapy, 45 minutes with patient	Procedure	CPT-4
90836	Psychotherapy, 45 minutes with patient when performed with an evaluation and management service (List separately in addition to the code for primary procedure)	Procedure	CPT-4
90837	Psychotherapy, 60 minutes with patient	Procedure	CPT-4
90838	Psychotherapy, 60 minutes with patient when performed with an evaluation and management service (List separately in addition to the code for primary procedure)	Procedure	CPT-4
90839	Psychotherapy for crisis; first 60 minutes	Procedure	CPT-4
90840	Psychotherapy for crisis; each additional 30 minutes (List separately in addition to code for primary service)	Procedure	CPT-4
90845	Psychoanalysis	Procedure	CPT-4
90853	Group psychotherapy (other than of a multiple-family group)	Procedure	CPT-4
90857	Interactive group psychotherapy	Procedure	CPT-4
90867	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; initial, including cortical mapping, motor threshold determination, delivery and management	Procedure	CPT-4
90868	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; subsequent delivery and management, per session	Procedure	CPT-4
90869	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; subsequent motor threshold re-determination with delivery and management	Procedure	CPT-4
90870	Electroconvulsive therapy (includes necessary monitoring)	Procedure	CPT-4
90871	Electroconvulsive therapy (includes necessary monitoring); multiple seizures, per day	Procedure	CPT-4

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Code	Description	Code Category	Code Type
95970	Electronic analysis of implanted neurostimulator pulse generator/transmitter (eg, contact group[s], interleaving, amplitude, pulse width, frequency [Hz], on/off cycling, burst, magnet mode, dose lockout, patient selectable parameters, responsive neurostimulation, detection algorithms, closed loop parameters, and passive parameters) by physician or other qualified health care professional; with brain, cranial nerve, spinal cord, peripheral nerve, or sacral nerve, neurostimulator pulse generator/transmitter, without programming	Procedure	CPT-4
95971	Electronic analysis of implanted neurostimulator pulse generator/transmitter (eg, contact group[s], interleaving, amplitude, pulse width, frequency [Hz], on/off cycling, burst, magnet mode, dose lockout, patient selectable parameters, responsive neurostimulation, detection algorithms, closed loop parameters, and passive parameters) by physician or other qualified health care professional; with simple spinal cord or peripheral nerve (eg, sacral nerve) neurostimulator pulse generator/transmitter programming by physician or other qualified health care professional	Procedure	CPT-4
95974	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude, pulse duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements); complex cranial nerve neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming, with or without nerve interface testing, first hour	Procedure	CPT-4
95975	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude, pulse duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements); complex cranial nerve neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming, each additional 30 minutes after first hour (List separately in addition to code for primary procedure)	Procedure	CPT-4
E75.00	GM2 gangliosidosis, unspecified	Diagnosis	ICD-10-CM
E75.01	Sandhoff disease	Diagnosis	ICD-10-CM
E75.02	Tay-Sachs disease	Diagnosis	ICD-10-CM
E75.09	Other GM2 gangliosidosis	Diagnosis	ICD-10-CM
E75.10	Unspecified gangliosidosis	Diagnosis	ICD-10-CM
E75.11	Mucolipidosis IV	Diagnosis	ICD-10-CM
E75.19	Other gangliosidosis	Diagnosis	ICD-10-CM
E75.23	Krabbe disease	Diagnosis	ICD-10-CM
E75.25	Metachromatic leukodystrophy	Diagnosis	ICD-10-CM
E75.29	Other sphingolipidosis	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E75.4	Neuronal ceroid lipofuscinosis	Diagnosis	ICD-10-CM
F01	Vascular dementia	Diagnosis	ICD-10-CM
F01.5	Vascular dementia	Diagnosis	ICD-10-CM
F01.50	Vascular dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F01.51	Vascular dementia with behavioral disturbance	Diagnosis	ICD-10-CM
F02	Dementia in other diseases classified elsewhere	Diagnosis	ICD-10-CM
F02.8	Dementia in other diseases classified elsewhere	Diagnosis	ICD-10-CM
F02.80	Dementia in other diseases classified elsewhere without behavioral disturbance	Diagnosis	ICD-10-CM
F02.81	Dementia in other diseases classified elsewhere with behavioral disturbance	Diagnosis	ICD-10-CM
F03	Unspecified dementia	Diagnosis	ICD-10-CM
F03.9	Unspecified dementia	Diagnosis	ICD-10-CM
F03.90	Unspecified dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F03.91	Unspecified dementia with behavioral disturbance	Diagnosis	ICD-10-CM
F04	Amnestic disorder due to known physiological condition	Diagnosis	ICD-10-CM
F05	Delirium due to known physiological condition	Diagnosis	ICD-10-CM
F06	Other mental disorders due to known physiological condition	Diagnosis	ICD-10-CM
F06.0	Psychotic disorder with hallucinations due to known physiological condition	Diagnosis	ICD-10-CM
F06.1	Catatonic disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.2	Psychotic disorder with delusions due to known physiological condition	Diagnosis	ICD-10-CM
F06.3	Mood disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.30	Mood disorder due to known physiological condition, unspecified	Diagnosis	ICD-10-CM
F06.31	Mood disorder due to known physiological condition with depressive features	Diagnosis	ICD-10-CM
F06.32	Mood disorder due to known physiological condition with major depressive-like episode	Diagnosis	ICD-10-CM
F06.33	Mood disorder due to known physiological condition with manic features	Diagnosis	ICD-10-CM
F06.34	Mood disorder due to known physiological condition with mixed features	Diagnosis	ICD-10-CM
F06.4	Anxiety disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.8	Other specified mental disorders due to known physiological condition	Diagnosis	ICD-10-CM
F07	Personality and behavioral disorders due to known physiological condition	Diagnosis	ICD-10-CM
F07.0	Personality change due to known physiological condition	Diagnosis	ICD-10-CM
F07.8	Other personality and behavioral disorders due to known physiological condition	Diagnosis	ICD-10-CM
F07.81	Postconcussional syndrome	Diagnosis	ICD-10-CM
F07.89	Other personality and behavioral disorders due to known physiological condition	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F07.9	Unspecified personality and behavioral disorder due to known physiological condition	Diagnosis	ICD-10-CM
F09	Unspecified mental disorder due to known physiological condition	Diagnosis	ICD-10-CM
F10	Alcohol related disorders	Diagnosis	ICD-10-CM
F10.1	Alcohol abuse	Diagnosis	ICD-10-CM
F10.12	Alcohol abuse with intoxication	Diagnosis	ICD-10-CM
F10.15	Alcohol abuse with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.18	Alcohol abuse with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.2	Alcohol dependence	Diagnosis	ICD-10-CM
F10.22	Alcohol dependence with intoxication	Diagnosis	ICD-10-CM
F10.23	Alcohol dependence with withdrawal	Diagnosis	ICD-10-CM
F10.25	Alcohol dependence with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.28	Alcohol dependence with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.9	Alcohol use, unspecified	Diagnosis	ICD-10-CM
F10.92	Alcohol use, unspecified with intoxication	Diagnosis	ICD-10-CM
F10.95	Alcohol use, unspecified with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.98	Alcohol use, unspecified with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F11	Opioid related disorders	Diagnosis	ICD-10-CM
F11.1	Opioid abuse	Diagnosis	ICD-10-CM
F11.10	Opioid abuse, uncomplicated	Diagnosis	ICD-10-CM
F11.11	Opioid abuse, in remission	Diagnosis	ICD-10-CM
F11.12	Opioid abuse with intoxication	Diagnosis	ICD-10-CM
F11.120	Opioid abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.121	Opioid abuse with intoxication delirium	Diagnosis	ICD-10-CM
F11.122	Opioid abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.129	Opioid abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.14	Opioid abuse with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.15	Opioid abuse with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.151	Opioid abuse with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.159	Opioid abuse with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.18	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.181	Opioid abuse with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.182	Opioid abuse with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.188	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.19	Opioid abuse with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.2	Opioid dependence	Diagnosis	ICD-10-CM
F11.20	Opioid dependence, uncomplicated	Diagnosis	ICD-10-CM
F11.21	Opioid dependence, in remission	Diagnosis	ICD-10-CM
F11.22	Opioid dependence with intoxication	Diagnosis	ICD-10-CM
F11.220	Opioid dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.221	Opioid dependence with intoxication delirium	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F11.222	Opioid dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.229	Opioid dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.23	Opioid dependence with withdrawal	Diagnosis	ICD-10-CM
F11.24	Opioid dependence with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.25	Opioid dependence with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.250	Opioid dependence with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.259	Opioid dependence with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.28	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.281	Opioid dependence with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.282	Opioid dependence with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.288	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.29	Opioid dependence with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.9	Opioid use, unspecified	Diagnosis	ICD-10-CM
F11.90	Opioid use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F11.92	Opioid use, unspecified with intoxication	Diagnosis	ICD-10-CM
F11.920	Opioid use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.921	Opioid use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F11.922	Opioid use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.929	Opioid use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.93	Opioid use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F11.94	Opioid use, unspecified with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.95	Opioid use, unspecified with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.951	Opioid use, unspecified with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.98	Opioid use, unspecified with other specified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.981	Opioid use, unspecified with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.988	Opioid use, unspecified with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.99	Opioid use, unspecified with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F12	Cannabis related disorders	Diagnosis	ICD-10-CM
F12.1	Cannabis abuse	Diagnosis	ICD-10-CM
F12.10	Cannabis abuse, uncomplicated	Diagnosis	ICD-10-CM
F12.11	Cannabis abuse, in remission	Diagnosis	ICD-10-CM
F12.12	Cannabis abuse with intoxication	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F12.120	Cannabis abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.121	Cannabis abuse with intoxication delirium	Diagnosis	ICD-10-CM
F12.122	Cannabis abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.129	Cannabis abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.15	Cannabis abuse with psychotic disorder	Diagnosis	ICD-10-CM
F12.150	Cannabis abuse with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.151	Cannabis abuse with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.159	Cannabis abuse with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.18	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.188	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.2	Cannabis dependence	Diagnosis	ICD-10-CM
F12.20	Cannabis dependence, uncomplicated	Diagnosis	ICD-10-CM
F12.21	Cannabis dependence, in remission	Diagnosis	ICD-10-CM
F12.22	Cannabis dependence with intoxication	Diagnosis	ICD-10-CM
F12.220	Cannabis dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.221	Cannabis dependence with intoxication delirium	Diagnosis	ICD-10-CM
F12.222	Cannabis dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.229	Cannabis dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.23	Cannabis dependence with withdrawal	Diagnosis	ICD-10-CM
F12.25	Cannabis dependence with psychotic disorder	Diagnosis	ICD-10-CM
F12.250	Cannabis dependence with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.251	Cannabis dependence with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.259	Cannabis dependence with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.28	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.288	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.9	Cannabis use, unspecified	Diagnosis	ICD-10-CM
F12.90	Cannabis use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F12.92	Cannabis use, unspecified with intoxication	Diagnosis	ICD-10-CM
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.921	Cannabis use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.929	Cannabis use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.93	Cannabis use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F12.95	Cannabis use, unspecified with psychotic disorder	Diagnosis	ICD-10-CM
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F12.98	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.980	Cannabis use, unspecified with anxiety disorder	Diagnosis	ICD-10-CM
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F13	Sedative, hypnotic, or anxiolytic related disorders	Diagnosis	ICD-10-CM
F13.1	Sedative, hypnotic or anxiolytic-related abuse	Diagnosis	ICD-10-CM
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	Diagnosis	ICD-10-CM
F13.11	Sedative, hypnotic or anxiolytic abuse, in remission	Diagnosis	ICD-10-CM
F13.12	Sedative, hypnotic or anxiolytic abuse with intoxication	Diagnosis	ICD-10-CM
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	Diagnosis	ICD-10-CM
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.15	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder	Diagnosis	ICD-10-CM
F13.150	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.151	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.159	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.18	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorders	Diagnosis	ICD-10-CM
F13.180	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.181	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.188	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.19	Sedative, hypnotic or anxiolytic abuse with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.2	Sedative, hypnotic or anxiolytic-related dependence	Diagnosis	ICD-10-CM
F13.20	Sedative, hypnotic or anxiolytic dependence, uncomplicated	Diagnosis	ICD-10-CM
F13.21	Sedative, hypnotic or anxiolytic dependence, in remission	Diagnosis	ICD-10-CM
F13.22	Sedative, hypnotic or anxiolytic dependence with intoxication	Diagnosis	ICD-10-CM
F13.220	Sedative, hypnotic or anxiolytic dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F13.221	Sedative, hypnotic or anxiolytic dependence with intoxication delirium	Diagnosis	ICD-10-CM
F13.229	Sedative, hypnotic or anxiolytic dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.23	Sedative, hypnotic or anxiolytic dependence with withdrawal	Diagnosis	ICD-10-CM
F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.24	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.25	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder	Diagnosis	ICD-10-CM
F13.250	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.251	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.259	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.26	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.28	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorders	Diagnosis	ICD-10-CM
F13.280	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.281	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.288	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.9	Sedative, hypnotic or anxiolytic-related use, unspecified	Diagnosis	ICD-10-CM
F13.90	Sedative, hypnotic, or anxiolytic use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F13.92	Sedative, hypnotic or anxiolytic use, unspecified with intoxication	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

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

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.12	Cocaine abuse with intoxication	Diagnosis	ICD-10-CM
F14.120	Cocaine abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.129	Cocaine abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.14	Cocaine abuse with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.15	Cocaine abuse with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.18	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.188	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.2	Cocaine dependence	Diagnosis	ICD-10-CM
F14.20	Cocaine dependence, uncomplicated	Diagnosis	ICD-10-CM
F14.21	Cocaine dependence, in remission	Diagnosis	ICD-10-CM
F14.22	Cocaine dependence with intoxication	Diagnosis	ICD-10-CM
F14.220	Cocaine dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.221	Cocaine dependence with intoxication delirium	Diagnosis	ICD-10-CM
F14.222	Cocaine dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.229	Cocaine dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.23	Cocaine dependence with withdrawal	Diagnosis	ICD-10-CM
F14.24	Cocaine dependence with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.25	Cocaine dependence with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.28	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.282	Cocaine dependence with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.288	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F14.29	Cocaine dependence with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.9	Cocaine use, unspecified	Diagnosis	ICD-10-CM
F14.90	Cocaine use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F14.92	Cocaine use, unspecified with intoxication	Diagnosis	ICD-10-CM
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.95	Cocaine use, unspecified with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.98	Cocaine use, unspecified with other specified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F15	Other stimulant related disorders	Diagnosis	ICD-10-CM
F15.1	Other stimulant abuse	Diagnosis	ICD-10-CM
F15.10	Other stimulant abuse, uncomplicated	Diagnosis	ICD-10-CM
F15.11	Other stimulant abuse, in remission	Diagnosis	ICD-10-CM
F15.12	Other stimulant abuse with intoxication	Diagnosis	ICD-10-CM
F15.120	Other stimulant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.121	Other stimulant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.129	Other stimulant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.14	Other stimulant abuse with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.15	Other stimulant abuse with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.18	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.188	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.2	Other stimulant dependence	Diagnosis	ICD-10-CM
F15.20	Other stimulant dependence, uncomplicated	Diagnosis	ICD-10-CM
F15.21	Other stimulant dependence, in remission	Diagnosis	ICD-10-CM
F15.22	Other stimulant dependence with intoxication	Diagnosis	ICD-10-CM
F15.220	Other stimulant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.221	Other stimulant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.229	Other stimulant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.23	Other stimulant dependence with withdrawal	Diagnosis	ICD-10-CM
F15.24	Other stimulant dependence with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.25	Other stimulant dependence with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.28	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.288	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.9	Other stimulant use, unspecified	Diagnosis	ICD-10-CM
F15.90	Other stimulant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F15.92	Other stimulant use, unspecified with intoxication	Diagnosis	ICD-10-CM
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.921	Other stimulant use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.929	Other stimulant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.93	Other stimulant use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.95	Other stimulant use, unspecified with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.98	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F16	Hallucinogen related disorders	Diagnosis	ICD-10-CM
F16.1	Hallucinogen abuse	Diagnosis	ICD-10-CM
F16.10	Hallucinogen abuse, uncomplicated	Diagnosis	ICD-10-CM
F16.11	Hallucinogen abuse, in remission	Diagnosis	ICD-10-CM
F16.12	Hallucinogen abuse with intoxication	Diagnosis	ICD-10-CM
F16.120	Hallucinogen abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.121	Hallucinogen abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F16.122	Hallucinogen abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F16.129	Hallucinogen abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.15	Hallucinogen abuse with hallucinogen-induced psychotic disorder	Diagnosis	ICD-10-CM
F16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.18	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

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

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.98	Hallucinogen use, unspecified with other specified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F17	Nicotine dependence	Diagnosis	ICD-10-CM
F17.2	Nicotine dependence	Diagnosis	ICD-10-CM
F17.20	Nicotine dependence, unspecified	Diagnosis	ICD-10-CM
F17.203	Nicotine dependence unspecified, with withdrawal	Diagnosis	ICD-10-CM
F17.208	Nicotine dependence, unspecified, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.209	Nicotine dependence, unspecified, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.21	Nicotine dependence, cigarettes	Diagnosis	ICD-10-CM
F17.213	Nicotine dependence, cigarettes, with withdrawal	Diagnosis	ICD-10-CM
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.22	Nicotine dependence, chewing tobacco	Diagnosis	ICD-10-CM
F17.223	Nicotine dependence, chewing tobacco, with withdrawal	Diagnosis	ICD-10-CM
F17.228	Nicotine dependence, chewing tobacco, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.229	Nicotine dependence, chewing tobacco, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.29	Nicotine dependence, other tobacco product	Diagnosis	ICD-10-CM
F17.293	Nicotine dependence, other tobacco product, with withdrawal	Diagnosis	ICD-10-CM
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F18	Inhalant related disorders	Diagnosis	ICD-10-CM
F18.1	Inhalant abuse	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F18.10	Inhalant abuse, uncomplicated	Diagnosis	ICD-10-CM
F18.11	Inhalant abuse, in remission	Diagnosis	ICD-10-CM
F18.12	Inhalant abuse with intoxication	Diagnosis	ICD-10-CM
F18.120	Inhalant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.121	Inhalant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F18.129	Inhalant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.14	Inhalant abuse with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.15	Inhalant abuse with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.150	Inhalant abuse with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.151	Inhalant abuse with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.159	Inhalant abuse with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.17	Inhalant abuse with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.18	Inhalant abuse with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.180	Inhalant abuse with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.188	Inhalant abuse with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.19	Inhalant abuse with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.2	Inhalant dependence	Diagnosis	ICD-10-CM
F18.20	Inhalant dependence, uncomplicated	Diagnosis	ICD-10-CM
F18.21	Inhalant dependence, in remission	Diagnosis	ICD-10-CM
F18.22	Inhalant dependence with intoxication	Diagnosis	ICD-10-CM
F18.220	Inhalant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.221	Inhalant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F18.229	Inhalant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.24	Inhalant dependence with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.25	Inhalant dependence with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.250	Inhalant dependence with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.251	Inhalant dependence with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.27	Inhalant dependence with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.28	Inhalant dependence with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.280	Inhalant dependence with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.288	Inhalant dependence with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.29	Inhalant dependence with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.9	Inhalant use, unspecified	Diagnosis	ICD-10-CM
F18.90	Inhalant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F18.92	Inhalant use, unspecified with intoxication	Diagnosis	ICD-10-CM
F18.920	Inhalant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.921	Inhalant use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F18.929	Inhalant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.94	Inhalant use, unspecified with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.95	Inhalant use, unspecified with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	Diagnosis	ICD-10-CM
F18.98	Inhalant use, unspecified with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F19	Other psychoactive substance related disorders	Diagnosis	ICD-10-CM
F19.1	Other psychoactive substance abuse	Diagnosis	ICD-10-CM
F19.10	Other psychoactive substance abuse, uncomplicated	Diagnosis	ICD-10-CM
F19.11	Other psychoactive substance abuse, in remission	Diagnosis	ICD-10-CM
F19.12	Other psychoactive substance abuse with intoxication	Diagnosis	ICD-10-CM
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.121	Other psychoactive substance abuse with intoxication delirium	Diagnosis	ICD-10-CM
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	Diagnosis	ICD-10-CM
F19.129	Other psychoactive substance abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.15	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder	Diagnosis	ICD-10-CM
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.18	Other psychoactive substance abuse with other psychoactive substance-induced disorders	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

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

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.28	Other psychoactive substance dependence with other psychoactive substance-induced disorders	Diagnosis	ICD-10-CM
F19.280	Other psychoactive substance dependence with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.281	Other psychoactive substance dependence with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.288	Other psychoactive substance dependence with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.29	Other psychoactive substance dependence with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.9	Other psychoactive substance use, unspecified	Diagnosis	ICD-10-CM
F19.90	Other psychoactive substance use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F19.92	Other psychoactive substance use, unspecified with intoxication	Diagnosis	ICD-10-CM
F19.920	Other psychoactive substance use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.921	Other psychoactive substance use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F19.922	Other psychoactive substance use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.929	Other psychoactive substance use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.93	Other psychoactive substance use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F19.930	Other psychoactive substance use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.94	Other psychoactive substance use, unspecified with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.95	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder	Diagnosis	ICD-10-CM
F19.950	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.951	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.959	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F19.96	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.98	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorders	Diagnosis	ICD-10-CM
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.981	Other psychoactive substance use, unspecified with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.988	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.99	Other psychoactive substance use, unspecified with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F20	Schizophrenia	Diagnosis	ICD-10-CM
F20.0	Paranoid schizophrenia	Diagnosis	ICD-10-CM
F20.1	Disorganized schizophrenia	Diagnosis	ICD-10-CM
F20.2	Catatonic schizophrenia	Diagnosis	ICD-10-CM
F20.3	Undifferentiated schizophrenia	Diagnosis	ICD-10-CM
F20.5	Residual schizophrenia	Diagnosis	ICD-10-CM
F20.8	Other schizophrenia	Diagnosis	ICD-10-CM
F20.81	Schizophreniform disorder	Diagnosis	ICD-10-CM
F20.89	Other schizophrenia	Diagnosis	ICD-10-CM
F20.9	Schizophrenia, unspecified	Diagnosis	ICD-10-CM
F21	Schizotypal disorder	Diagnosis	ICD-10-CM
F22	Delusional disorders	Diagnosis	ICD-10-CM
F23	Brief psychotic disorder	Diagnosis	ICD-10-CM
F24	Shared psychotic disorder	Diagnosis	ICD-10-CM
F25	Schizoaffective disorders	Diagnosis	ICD-10-CM
F25.0	Schizoaffective disorder, bipolar type	Diagnosis	ICD-10-CM
F25.1	Schizoaffective disorder, depressive type	Diagnosis	ICD-10-CM
F25.8	Other schizoaffective disorders	Diagnosis	ICD-10-CM
F25.9	Schizoaffective disorder, unspecified	Diagnosis	ICD-10-CM
F28	Other psychotic disorder not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F29	Unspecified psychosis not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F30	Manic episode	Diagnosis	ICD-10-CM
F30.1	Manic episode without psychotic symptoms	Diagnosis	ICD-10-CM
F30.10	Manic episode without psychotic symptoms, unspecified	Diagnosis	ICD-10-CM
F30.11	Manic episode without psychotic symptoms, mild	Diagnosis	ICD-10-CM
F30.12	Manic episode without psychotic symptoms, moderate	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F30.13	Manic episode, severe, without psychotic symptoms	Diagnosis	ICD-10-CM
F30.2	Manic episode, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F30.3	Manic episode in partial remission	Diagnosis	ICD-10-CM
F30.4	Manic episode in full remission	Diagnosis	ICD-10-CM
F30.8	Other manic episodes	Diagnosis	ICD-10-CM
F30.9	Manic episode, unspecified	Diagnosis	ICD-10-CM
F31	Bipolar disorder	Diagnosis	ICD-10-CM
F31.0	Bipolar disorder, current episode hypomanic	Diagnosis	ICD-10-CM
F31.1	Bipolar disorder, current episode manic without psychotic features	Diagnosis	ICD-10-CM
F31.10	Bipolar disorder, current episode manic without psychotic features, unspecified	Diagnosis	ICD-10-CM
F31.11	Bipolar disorder, current episode manic without psychotic features, mild	Diagnosis	ICD-10-CM
F31.12	Bipolar disorder, current episode manic without psychotic features, moderate	Diagnosis	ICD-10-CM
F31.13	Bipolar disorder, current episode manic without psychotic features, severe	Diagnosis	ICD-10-CM
F31.2	Bipolar disorder, current episode manic severe with psychotic features	Diagnosis	ICD-10-CM
F31.3	Bipolar disorder, current episode depressed, mild or moderate severity	Diagnosis	ICD-10-CM
F31.30	Bipolar disorder, current episode depressed, mild or moderate severity, unspecified	Diagnosis	ICD-10-CM
F31.31	Bipolar disorder, current episode depressed, mild	Diagnosis	ICD-10-CM
F31.32	Bipolar disorder, current episode depressed, moderate	Diagnosis	ICD-10-CM
F31.4	Bipolar disorder, current episode depressed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.5	Bipolar disorder, current episode depressed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.6	Bipolar disorder, current episode mixed	Diagnosis	ICD-10-CM
F31.60	Bipolar disorder, current episode mixed, unspecified	Diagnosis	ICD-10-CM
F31.61	Bipolar disorder, current episode mixed, mild	Diagnosis	ICD-10-CM
F31.62	Bipolar disorder, current episode mixed, moderate	Diagnosis	ICD-10-CM
F31.63	Bipolar disorder, current episode mixed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.64	Bipolar disorder, current episode mixed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.7	Bipolar disorder, currently in remission	Diagnosis	ICD-10-CM
F31.70	Bipolar disorder, currently in remission, most recent episode unspecified	Diagnosis	ICD-10-CM
F31.71	Bipolar disorder, in partial remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.72	Bipolar disorder, in full remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.73	Bipolar disorder, in partial remission, most recent episode manic	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F31.74	Bipolar disorder, in full remission, most recent episode manic	Diagnosis	ICD-10-CM
F31.75	Bipolar disorder, in partial remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.76	Bipolar disorder, in full remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.77	Bipolar disorder, in partial remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.78	Bipolar disorder, in full remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.8	Other bipolar disorders	Diagnosis	ICD-10-CM
F31.81	Bipolar II disorder	Diagnosis	ICD-10-CM
F31.89	Other bipolar disorder	Diagnosis	ICD-10-CM
F31.9	Bipolar disorder, unspecified	Diagnosis	ICD-10-CM
F32	Depressive episode	Diagnosis	ICD-10-CM
F32.0	Major depressive disorder, single episode, mild	Diagnosis	ICD-10-CM
F32.1	Major depressive disorder, single episode, moderate	Diagnosis	ICD-10-CM
F32.2	Major depressive disorder, single episode, severe without psychotic features	Diagnosis	ICD-10-CM
F32.3	Major depressive disorder, single episode, severe with psychotic features	Diagnosis	ICD-10-CM
F32.4	Major depressive disorder, single episode, in partial remission	Diagnosis	ICD-10-CM
F32.5	Major depressive disorder, single episode, in full remission	Diagnosis	ICD-10-CM
F32.8	Other depressive episodes	Diagnosis	ICD-10-CM
F32.81	Premenstrual dysphoric disorder	Diagnosis	ICD-10-CM
F32.89	Other specified depressive episodes	Diagnosis	ICD-10-CM
F32.9	Major depressive disorder, single episode, unspecified	Diagnosis	ICD-10-CM
F33	Major depressive disorder, recurrent	Diagnosis	ICD-10-CM
F33.0	Major depressive disorder, recurrent, mild	Diagnosis	ICD-10-CM
F33.1	Major depressive disorder, recurrent, moderate	Diagnosis	ICD-10-CM
F33.2	Major depressive disorder, recurrent severe without psychotic features	Diagnosis	ICD-10-CM
F33.3	Major depressive disorder, recurrent, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F33.4	Major depressive disorder, recurrent, in remission	Diagnosis	ICD-10-CM
F33.40	Major depressive disorder, recurrent, in remission, unspecified	Diagnosis	ICD-10-CM
F33.41	Major depressive disorder, recurrent, in partial remission	Diagnosis	ICD-10-CM
F33.42	Major depressive disorder, recurrent, in full remission	Diagnosis	ICD-10-CM
F33.8	Other recurrent depressive disorders	Diagnosis	ICD-10-CM
F33.9	Major depressive disorder, recurrent, unspecified	Diagnosis	ICD-10-CM
F34	Persistent mood [affective] disorders	Diagnosis	ICD-10-CM
F34.0	Cyclothymic disorder	Diagnosis	ICD-10-CM
F34.1	Dysthymic disorder	Diagnosis	ICD-10-CM
F34.8	Other persistent mood [affective] disorders	Diagnosis	ICD-10-CM
F34.81	Disruptive mood dysregulation disorder	Diagnosis	ICD-10-CM
F34.89	Other specified persistent mood disorders	Diagnosis	ICD-10-CM
F34.9	Persistent mood [affective] disorder, unspecified	Diagnosis	ICD-10-CM
F39	Unspecified mood [affective] disorder	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F40	Phobic anxiety disorders	Diagnosis	ICD-10-CM
F40.0	Agoraphobia	Diagnosis	ICD-10-CM
F40.00	Agoraphobia, unspecified	Diagnosis	ICD-10-CM
F40.01	Agoraphobia with panic disorder	Diagnosis	ICD-10-CM
F40.02	Agoraphobia without panic disorder	Diagnosis	ICD-10-CM
F40.1	Social phobias	Diagnosis	ICD-10-CM
F40.10	Social phobia, unspecified	Diagnosis	ICD-10-CM
F40.11	Social phobia, generalized	Diagnosis	ICD-10-CM
F40.2	Specific (isolated) phobias	Diagnosis	ICD-10-CM
F40.21	Animal type phobia	Diagnosis	ICD-10-CM
F40.210	Arachnophobia	Diagnosis	ICD-10-CM
F40.218	Other animal type phobia	Diagnosis	ICD-10-CM
F40.22	Natural environment type phobia	Diagnosis	ICD-10-CM
F40.220	Fear of thunderstorms	Diagnosis	ICD-10-CM
F40.228	Other natural environment type phobia	Diagnosis	ICD-10-CM
F40.23	Blood, injection, injury type phobia	Diagnosis	ICD-10-CM
F40.230	Fear of blood	Diagnosis	ICD-10-CM
F40.231	Fear of injections and transfusions	Diagnosis	ICD-10-CM
F40.232	Fear of other medical care	Diagnosis	ICD-10-CM
F40.233	Fear of injury	Diagnosis	ICD-10-CM
F40.24	Situational type phobia	Diagnosis	ICD-10-CM
F40.240	Claustrophobia	Diagnosis	ICD-10-CM
F40.241	Acrophobia	Diagnosis	ICD-10-CM
F40.242	Fear of bridges	Diagnosis	ICD-10-CM
F40.243	Fear of flying	Diagnosis	ICD-10-CM
F40.248	Other situational type phobia	Diagnosis	ICD-10-CM
F40.29	Other specified phobia	Diagnosis	ICD-10-CM
F40.290	Androphobia	Diagnosis	ICD-10-CM
F40.291	Gynephobia	Diagnosis	ICD-10-CM
F40.298	Other specified phobia	Diagnosis	ICD-10-CM
F40.8	Other phobic anxiety disorders	Diagnosis	ICD-10-CM
F40.9	Phobic anxiety disorder, unspecified	Diagnosis	ICD-10-CM
F41	Other anxiety disorders	Diagnosis	ICD-10-CM
F41.0	Panic disorder [episodic paroxysmal anxiety]	Diagnosis	ICD-10-CM
F41.1	Generalized anxiety disorder	Diagnosis	ICD-10-CM
F41.3	Other mixed anxiety disorders	Diagnosis	ICD-10-CM
F41.8	Other specified anxiety disorders	Diagnosis	ICD-10-CM
F41.9	Anxiety disorder, unspecified	Diagnosis	ICD-10-CM
F42	Obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.2	Mixed obsessional thoughts and acts	Diagnosis	ICD-10-CM
F42.3	Hoarding disorder	Diagnosis	ICD-10-CM
F42.4	Excoriation (skin-picking) disorder	Diagnosis	ICD-10-CM
F42.8	Other obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.9	Obsessive-compulsive disorder, unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F43	Reaction to severe stress, and adjustment disorders	Diagnosis	ICD-10-CM
F43.0	Acute stress reaction	Diagnosis	ICD-10-CM
F43.1	Post-traumatic stress disorder (PTSD)	Diagnosis	ICD-10-CM
F43.10	Post-traumatic stress disorder, unspecified	Diagnosis	ICD-10-CM
F43.11	Post-traumatic stress disorder, acute	Diagnosis	ICD-10-CM
F43.12	Post-traumatic stress disorder, chronic	Diagnosis	ICD-10-CM
F43.2	Adjustment disorders	Diagnosis	ICD-10-CM
F43.20	Adjustment disorder, unspecified	Diagnosis	ICD-10-CM
F43.21	Adjustment disorder with depressed mood	Diagnosis	ICD-10-CM
F43.22	Adjustment disorder with anxiety	Diagnosis	ICD-10-CM
F43.23	Adjustment disorder with mixed anxiety and depressed mood	Diagnosis	ICD-10-CM
F43.24	Adjustment disorder with disturbance of conduct	Diagnosis	ICD-10-CM
F43.25	Adjustment disorder with mixed disturbance of emotions and conduct	Diagnosis	ICD-10-CM
F43.29	Adjustment disorder with other symptoms	Diagnosis	ICD-10-CM
F43.8	Other reactions to severe stress	Diagnosis	ICD-10-CM
F43.9	Reaction to severe stress, unspecified	Diagnosis	ICD-10-CM
F44	Dissociative and conversion disorders	Diagnosis	ICD-10-CM
F44.0	Dissociative amnesia	Diagnosis	ICD-10-CM
F44.1	Dissociative fugue	Diagnosis	ICD-10-CM
F44.2	Dissociative stupor	Diagnosis	ICD-10-CM
F44.4	Conversion disorder with motor symptom or deficit	Diagnosis	ICD-10-CM
F44.5	Conversion disorder with seizures or convulsions	Diagnosis	ICD-10-CM
F44.6	Conversion disorder with sensory symptom or deficit	Diagnosis	ICD-10-CM
F44.7	Conversion disorder with mixed symptom presentation	Diagnosis	ICD-10-CM
F44.8	Other dissociative and conversion disorders	Diagnosis	ICD-10-CM
F44.81	Dissociative identity disorder	Diagnosis	ICD-10-CM
F44.89	Other dissociative and conversion disorders	Diagnosis	ICD-10-CM
F44.9	Dissociative and conversion disorder, unspecified	Diagnosis	ICD-10-CM
F45	Somatoform disorders	Diagnosis	ICD-10-CM
F45.0	Somatization disorder	Diagnosis	ICD-10-CM
F45.1	Undifferentiated somatoform disorder	Diagnosis	ICD-10-CM
F45.2	Hypochondriacal disorders	Diagnosis	ICD-10-CM
F45.20	Hypochondriacal disorder, unspecified	Diagnosis	ICD-10-CM
F45.21	Hypochondriasis	Diagnosis	ICD-10-CM
F45.22	Body dysmorphic disorder	Diagnosis	ICD-10-CM
F45.29	Other hypochondriacal disorders	Diagnosis	ICD-10-CM
F45.4	Pain disorders related to psychological factors	Diagnosis	ICD-10-CM
F45.41	Pain disorder exclusively related to psychological factors	Diagnosis	ICD-10-CM
F45.42	Pain disorder with related psychological factors	Diagnosis	ICD-10-CM
F45.8	Other somatoform disorders	Diagnosis	ICD-10-CM
F45.9	Somatoform disorder, unspecified	Diagnosis	ICD-10-CM
F48	Other nonpsychotic mental disorders	Diagnosis	ICD-10-CM
F48.1	Depersonalization-derealization syndrome	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F48.2	Pseudobulbar affect	Diagnosis	ICD-10-CM
F48.8	Other specified nonpsychotic mental disorders	Diagnosis	ICD-10-CM
F48.9	Nonpsychotic mental disorder, unspecified	Diagnosis	ICD-10-CM
F50	Eating disorders	Diagnosis	ICD-10-CM
F50.0	Anorexia nervosa	Diagnosis	ICD-10-CM
F50.00	Anorexia nervosa, unspecified	Diagnosis	ICD-10-CM
F50.01	Anorexia nervosa, restricting type	Diagnosis	ICD-10-CM
F50.02	Anorexia nervosa, binge eating/purging type	Diagnosis	ICD-10-CM
F50.2	Bulimia nervosa	Diagnosis	ICD-10-CM
F50.8	Other eating disorders	Diagnosis	ICD-10-CM
F50.81	Binge eating disorder	Diagnosis	ICD-10-CM
F50.82	Avoidant/restrictive food intake disorder	Diagnosis	ICD-10-CM
F50.89	Other specified eating disorder	Diagnosis	ICD-10-CM
F50.9	Eating disorder, unspecified	Diagnosis	ICD-10-CM
F51	Sleep disorders not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.0	Insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.01	Primary insomnia	Diagnosis	ICD-10-CM
F51.02	Adjustment insomnia	Diagnosis	ICD-10-CM
F51.03	Paradoxical insomnia	Diagnosis	ICD-10-CM
F51.04	Psychophysiologic insomnia	Diagnosis	ICD-10-CM
F51.05	Insomnia due to other mental disorder	Diagnosis	ICD-10-CM
F51.09	Other insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.1	Hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.11	Primary hypersomnia	Diagnosis	ICD-10-CM
F51.12	Insufficient sleep syndrome	Diagnosis	ICD-10-CM
F51.13	Hypersomnia due to other mental disorder	Diagnosis	ICD-10-CM
F51.19	Other hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.3	Sleepwalking [somnambulism]	Diagnosis	ICD-10-CM
F51.4	Sleep terrors [night terrors]	Diagnosis	ICD-10-CM
F51.5	Nightmare disorder	Diagnosis	ICD-10-CM
F51.8	Other sleep disorders not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.9	Sleep disorder not due to a substance or known physiological condition, unspecified	Diagnosis	ICD-10-CM
F52	Sexual dysfunction not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.0	Hypoactive sexual desire disorder	Diagnosis	ICD-10-CM
F52.1	Sexual aversion disorder	Diagnosis	ICD-10-CM
F52.2	Sexual arousal disorders	Diagnosis	ICD-10-CM
F52.21	Male erectile disorder	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F52.22	Female sexual arousal disorder	Diagnosis	ICD-10-CM
F52.3	Orgasmic disorder	Diagnosis	ICD-10-CM
F52.31	Female orgasmic disorder	Diagnosis	ICD-10-CM
F52.32	Male orgasmic disorder	Diagnosis	ICD-10-CM
F52.4	Premature ejaculation	Diagnosis	ICD-10-CM
F52.5	Vaginismus not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.6	Dyspareunia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.8	Other sexual dysfunction not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.9	Unspecified sexual dysfunction not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F53	Mental and behavioral disorders associated with the puerperium, not elsewhere classified	Diagnosis	ICD-10-CM
F53.0	Postpartum depression	Diagnosis	ICD-10-CM
F53.1	Puerperal psychosis	Diagnosis	ICD-10-CM
F54	Psychological and behavioral factors associated with disorders or diseases classified elsewhere	Diagnosis	ICD-10-CM
F55.0	Abuse of antacids	Diagnosis	ICD-10-CM
F55.1	Abuse of herbal or folk remedies	Diagnosis	ICD-10-CM
F55.2	Abuse of laxatives	Diagnosis	ICD-10-CM
F55.3	Abuse of steroids or hormones	Diagnosis	ICD-10-CM
F55.4	Abuse of vitamins	Diagnosis	ICD-10-CM
F55.8	Abuse of other non-psychoactive substances	Diagnosis	ICD-10-CM
F59	Unspecified behavioral syndromes associated with physiological disturbances and physical factors	Diagnosis	ICD-10-CM
F60	Specific personality disorders	Diagnosis	ICD-10-CM
F60.0	Paranoid personality disorder	Diagnosis	ICD-10-CM
F60.1	Schizoid personality disorder	Diagnosis	ICD-10-CM
F60.2	Antisocial personality disorder	Diagnosis	ICD-10-CM
F60.3	Borderline personality disorder	Diagnosis	ICD-10-CM
F60.4	Histrionic personality disorder	Diagnosis	ICD-10-CM
F60.5	Obsessive-compulsive personality disorder	Diagnosis	ICD-10-CM
F60.6	Avoidant personality disorder	Diagnosis	ICD-10-CM
F60.7	Dependent personality disorder	Diagnosis	ICD-10-CM
F60.8	Other specific personality disorders	Diagnosis	ICD-10-CM
F60.81	Narcissistic personality disorder	Diagnosis	ICD-10-CM
F60.89	Other specific personality disorders	Diagnosis	ICD-10-CM
F60.9	Personality disorder, unspecified	Diagnosis	ICD-10-CM
F63	Impulse disorders	Diagnosis	ICD-10-CM
F63.0	Pathological gambling	Diagnosis	ICD-10-CM
F63.1	Pyromania	Diagnosis	ICD-10-CM
F63.2	Kleptomania	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F63.3	Trichotillomania	Diagnosis	ICD-10-CM
F63.8	Other impulse disorders	Diagnosis	ICD-10-CM
F63.81	Intermittent explosive disorder	Diagnosis	ICD-10-CM
F63.89	Other impulse disorders	Diagnosis	ICD-10-CM
F63.9	Impulse disorder, unspecified	Diagnosis	ICD-10-CM
F64	Gender identity disorders	Diagnosis	ICD-10-CM
F64.0	Transsexualism	Diagnosis	ICD-10-CM
F64.1	Dual role transvestism	Diagnosis	ICD-10-CM
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
F65	Paraphilias	Diagnosis	ICD-10-CM
F65.0	Fetishism	Diagnosis	ICD-10-CM
F65.1	Transvestic fetishism	Diagnosis	ICD-10-CM
F65.2	Exhibitionism	Diagnosis	ICD-10-CM
F65.3	Voyeurism	Diagnosis	ICD-10-CM
F65.4	Pedophilia	Diagnosis	ICD-10-CM
F65.5	Sadomasochism	Diagnosis	ICD-10-CM
F65.50	Sadomasochism, unspecified	Diagnosis	ICD-10-CM
F65.51	Sexual masochism	Diagnosis	ICD-10-CM
F65.52	Sexual sadism	Diagnosis	ICD-10-CM
F65.8	Other paraphilias	Diagnosis	ICD-10-CM
F65.81	Frotteurism	Diagnosis	ICD-10-CM
F65.89	Other paraphilias	Diagnosis	ICD-10-CM
F65.9	Paraphilia, unspecified	Diagnosis	ICD-10-CM
F66	Other sexual disorders	Diagnosis	ICD-10-CM
F68	Other disorders of adult personality and behavior	Diagnosis	ICD-10-CM
F68.1	Factitious disorder imposed on self	Diagnosis	ICD-10-CM
F68.10	Factitious disorder imposed on self, unspecified	Diagnosis	ICD-10-CM
F68.11	Factitious disorder imposed on self, with predominantly psychological signs and symptoms	Diagnosis	ICD-10-CM
F68.12	Factitious disorder imposed on self, with predominantly physical signs and symptoms	Diagnosis	ICD-10-CM
F68.13	Factitious disorder imposed on self, with combined psychological and physical signs and symptoms	Diagnosis	ICD-10-CM
F68.8	Other specified disorders of adult personality and behavior	Diagnosis	ICD-10-CM
F68.A	Factitious disorder imposed on another	Diagnosis	ICD-10-CM
F69	Unspecified disorder of adult personality and behavior	Diagnosis	ICD-10-CM
F70	Mild intellectual disabilities	Diagnosis	ICD-10-CM
F71	Moderate intellectual disabilities	Diagnosis	ICD-10-CM
F72	Severe intellectual disabilities	Diagnosis	ICD-10-CM
F73	Profound intellectual disabilities	Diagnosis	ICD-10-CM
F78	Other intellectual disabilities	Diagnosis	ICD-10-CM
F79	Unspecified intellectual disabilities	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F80	Specific developmental disorders of speech and language	Diagnosis	ICD-10-CM
F80.0	Phonological disorder	Diagnosis	ICD-10-CM
F80.1	Expressive language disorder	Diagnosis	ICD-10-CM
F80.2	Mixed receptive-expressive language disorder	Diagnosis	ICD-10-CM
F80.4	Speech and language development delay due to hearing loss	Diagnosis	ICD-10-CM
F80.8	Other developmental disorders of speech and language	Diagnosis	ICD-10-CM
F80.81	Childhood onset fluency disorder	Diagnosis	ICD-10-CM
F80.82	Social pragmatic communication disorder	Diagnosis	ICD-10-CM
F80.89	Other developmental disorders of speech and language	Diagnosis	ICD-10-CM
F80.9	Developmental disorder of speech and language, unspecified	Diagnosis	ICD-10-CM
F81	Specific developmental disorders of scholastic skills	Diagnosis	ICD-10-CM
F81.0	Specific reading disorder	Diagnosis	ICD-10-CM
F81.2	Mathematics disorder	Diagnosis	ICD-10-CM
F81.8	Other developmental disorders of scholastic skills	Diagnosis	ICD-10-CM
F81.81	Disorder of written expression	Diagnosis	ICD-10-CM
F81.89	Other developmental disorders of scholastic skills	Diagnosis	ICD-10-CM
F81.9	Developmental disorder of scholastic skills, unspecified	Diagnosis	ICD-10-CM
F82	Specific developmental disorder of motor function	Diagnosis	ICD-10-CM
F84	Pervasive developmental disorders	Diagnosis	ICD-10-CM
F84.0	Autistic disorder	Diagnosis	ICD-10-CM
F84.2	Rett's syndrome	Diagnosis	ICD-10-CM
F84.3	Other childhood disintegrative disorder	Diagnosis	ICD-10-CM
F84.5	Asperger's syndrome	Diagnosis	ICD-10-CM
F84.8	Other pervasive developmental disorders	Diagnosis	ICD-10-CM
F84.9	Pervasive developmental disorder, unspecified	Diagnosis	ICD-10-CM
F88	Other disorders of psychological development	Diagnosis	ICD-10-CM
F89	Unspecified disorder of psychological development	Diagnosis	ICD-10-CM
F90	Attention-deficit hyperactivity disorders	Diagnosis	ICD-10-CM
F90.0	Attention-deficit hyperactivity disorder, predominantly inattentive type	Diagnosis	ICD-10-CM
F90.1	Attention-deficit hyperactivity disorder, predominantly hyperactive type	Diagnosis	ICD-10-CM
F90.2	Attention-deficit hyperactivity disorder, combined type	Diagnosis	ICD-10-CM
F90.8	Attention-deficit hyperactivity disorder, other type	Diagnosis	ICD-10-CM
F90.9	Attention-deficit hyperactivity disorder, unspecified type	Diagnosis	ICD-10-CM
F91	Conduct disorders	Diagnosis	ICD-10-CM
F91.0	Conduct disorder confined to family context	Diagnosis	ICD-10-CM
F91.1	Conduct disorder, childhood-onset type	Diagnosis	ICD-10-CM
F91.2	Conduct disorder, adolescent-onset type	Diagnosis	ICD-10-CM
F91.3	Oppositional defiant disorder	Diagnosis	ICD-10-CM
F91.8	Other conduct disorders	Diagnosis	ICD-10-CM
F91.9	Conduct disorder, unspecified	Diagnosis	ICD-10-CM
F93	Emotional disorders with onset specific to childhood	Diagnosis	ICD-10-CM
F93.0	Separation anxiety disorder of childhood	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F93.8	Other childhood emotional disorders	Diagnosis	ICD-10-CM
F93.9	Childhood emotional disorder, unspecified	Diagnosis	ICD-10-CM
F94	Disorders of social functioning with onset specific to childhood and adolescence	Diagnosis	ICD-10-CM
F94.0	Selective mutism	Diagnosis	ICD-10-CM
F94.1	Reactive attachment disorder of childhood	Diagnosis	ICD-10-CM
F94.2	Disinhibited attachment disorder of childhood	Diagnosis	ICD-10-CM
F94.8	Other childhood disorders of social functioning	Diagnosis	ICD-10-CM
F94.9	Childhood disorder of social functioning, unspecified	Diagnosis	ICD-10-CM
F95	Tic disorder	Diagnosis	ICD-10-CM
F95.0	Transient tic disorder	Diagnosis	ICD-10-CM
F95.1	Chronic motor or vocal tic disorder	Diagnosis	ICD-10-CM
F95.2	Tourette's disorder	Diagnosis	ICD-10-CM
F95.8	Other tic disorders	Diagnosis	ICD-10-CM
F95.9	Tic disorder, unspecified	Diagnosis	ICD-10-CM
F98	Other behavioral and emotional disorders with onset usually occurring in childhood and adolescence	Diagnosis	ICD-10-CM
F98.0	Enuresis not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F98.1	Encopresis not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F98.2	Other feeding disorders of infancy and childhood	Diagnosis	ICD-10-CM
F98.21	Rumination disorder of infancy	Diagnosis	ICD-10-CM
F98.29	Other feeding disorders of infancy and early childhood	Diagnosis	ICD-10-CM
F98.3	Pica of infancy and childhood	Diagnosis	ICD-10-CM
F98.4	Stereotyped movement disorders	Diagnosis	ICD-10-CM
F98.5	Adult onset fluency disorder	Diagnosis	ICD-10-CM
F98.8	Other specified behavioral and emotional disorders with onset usually occurring in childhood and adolescence	Diagnosis	ICD-10-CM
F98.9	Unspecified behavioral and emotional disorders with onset usually occurring in childhood and adolescence	Diagnosis	ICD-10-CM
F99	Mental disorder, not otherwise specified	Diagnosis	ICD-10-CM
G13.2	Systemic atrophy primarily affecting the central nervous system in myxedema	Diagnosis	ICD-10-CM
G13.8	Systemic atrophy primarily affecting central nervous system in other diseases classified elsewhere	Diagnosis	ICD-10-CM
G20	Parkinson's disease	Diagnosis	ICD-10-CM
G20.A1	Parkinson's disease without dyskinesia, without mention of fluctuations	Diagnosis	ICD-10-CM
G20.A2	Parkinson's disease without dyskinesia, with fluctuations	Diagnosis	ICD-10-CM
G20.B1	Parkinson's disease with dyskinesia, without mention of fluctuations	Diagnosis	ICD-10-CM
G20.B2	Parkinson's disease with dyskinesia, with fluctuations	Diagnosis	ICD-10-CM
G20.C	Parkinsonism, unspecified	Diagnosis	ICD-10-CM
G21.11	Neuroleptic induced parkinsonism	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
G21.19	Other drug induced secondary parkinsonism	Diagnosis	ICD-10-CM
G21.3	Postencephalitic parkinsonism	Diagnosis	ICD-10-CM
G21.4	Vascular parkinsonism	Diagnosis	ICD-10-CM
G21.8	Other secondary parkinsonism	Diagnosis	ICD-10-CM
G21.9	Secondary parkinsonism, unspecified	Diagnosis	ICD-10-CM
G25.70	Drug induced movement disorder, unspecified	Diagnosis	ICD-10-CM
G25.71	Drug induced akathisia	Diagnosis	ICD-10-CM
G25.79	Other drug induced movement disorders	Diagnosis	ICD-10-CM
G25.89	Other specified extrapyramidal and movement disorders	Diagnosis	ICD-10-CM
G25.9	Extrapyramidal and movement disorder, unspecified	Diagnosis	ICD-10-CM
G26	Extrapyramidal and movement disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
G30.0	Alzheimer's disease with early onset	Diagnosis	ICD-10-CM
G30.1	Alzheimer's disease with late onset	Diagnosis	ICD-10-CM
G30.8	Other Alzheimer's disease	Diagnosis	ICD-10-CM
G30.9	Alzheimer's disease, unspecified	Diagnosis	ICD-10-CM
G31.01	Pick's disease	Diagnosis	ICD-10-CM
G31.09	Other frontotemporal dementia	Diagnosis	ICD-10-CM
G31.1	Senile degeneration of brain, not elsewhere classified	Diagnosis	ICD-10-CM
G31.2	Degeneration of nervous system due to alcohol	Diagnosis	ICD-10-CM
G31.81	Alpers disease	Diagnosis	ICD-10-CM
G31.82	Leigh's disease	Diagnosis	ICD-10-CM
G31.83	Dementia with Lewy bodies	Diagnosis	ICD-10-CM
G31.84	Mild cognitive impairment, so stated	Diagnosis	ICD-10-CM
G31.85	Corticobasal degeneration	Diagnosis	ICD-10-CM
G31.89	Other specified degenerative diseases of nervous system	Diagnosis	ICD-10-CM
G31.9	Degenerative disease of nervous system, unspecified	Diagnosis	ICD-10-CM
G40	Epilepsy and recurrent seizures	Diagnosis	ICD-10-CM
G40.00	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable	Diagnosis	ICD-10-CM
G40.01	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable	Diagnosis	ICD-10-CM
G40.10	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable	Diagnosis	ICD-10-CM
G40.11	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable	Diagnosis	ICD-10-CM
G40.20	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable	Diagnosis	ICD-10-CM
G40.21	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable	Diagnosis	ICD-10-CM
G40.30	Generalized idiopathic epilepsy and epileptic syndromes, not intractable	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
G40.31	Generalized idiopathic epilepsy and epileptic syndromes, intractable	Diagnosis	ICD-10-CM
G40.40	Other generalized epilepsy and epileptic syndromes, not intractable	Diagnosis	ICD-10-CM
G40.41	Other generalized epilepsy and epileptic syndromes, intractable	Diagnosis	ICD-10-CM
G40.42	Cyclin-Dependent Kinase-Like 5 Deficiency Disorder	Diagnosis	ICD-10-CM
G40.50	Epileptic seizures related to external causes, not intractable	Diagnosis	ICD-10-CM
G40.80	Other epilepsy	Diagnosis	ICD-10-CM
G40.81	Lennox-Gastaut syndrome	Diagnosis	ICD-10-CM
G40.82	Epileptic spasms	Diagnosis	ICD-10-CM
G40.83	Dravet syndrome	Diagnosis	ICD-10-CM
G40.84	KCNQ2-related epilepsy	Diagnosis	ICD-10-CM
G40.89	Other seizures	Diagnosis	ICD-10-CM
G40.90	Epilepsy, unspecified, not intractable	Diagnosis	ICD-10-CM
G40.91	Epilepsy, unspecified, intractable	Diagnosis	ICD-10-CM
G40.A0	Absence epileptic syndrome, not intractable	Diagnosis	ICD-10-CM
G40.A1	Absence epileptic syndrome, intractable	Diagnosis	ICD-10-CM
G40.B0	Juvenile myoclonic epilepsy, not intractable	Diagnosis	ICD-10-CM
G40.B1	Juvenile myoclonic epilepsy, intractable	Diagnosis	ICD-10-CM
G40.C0	Lafora progressive myoclonus epilepsy, not intractable	Diagnosis	ICD-10-CM
G40.C1	Lafora progressive myoclonus epilepsy, intractable	Diagnosis	ICD-10-CM
G44.209	Tension-type headache, unspecified, not intractable	Diagnosis	ICD-10-CM
G47	Sleep disorders	Diagnosis	ICD-10-CM
G47.0	Insomnia	Diagnosis	ICD-10-CM
G47.00	Insomnia, unspecified	Diagnosis	ICD-10-CM
G47.01	Insomnia due to medical condition	Diagnosis	ICD-10-CM
G47.09	Other insomnia	Diagnosis	ICD-10-CM
G47.1	Hypersomnia	Diagnosis	ICD-10-CM
G47.10	Hypersomnia, unspecified	Diagnosis	ICD-10-CM
G47.11	Idiopathic hypersomnia with long sleep time	Diagnosis	ICD-10-CM
G47.12	Idiopathic hypersomnia without long sleep time	Diagnosis	ICD-10-CM
G47.13	Recurrent hypersomnia	Diagnosis	ICD-10-CM
G47.14	Hypersomnia due to medical condition	Diagnosis	ICD-10-CM
G47.19	Other hypersomnia	Diagnosis	ICD-10-CM
G47.2	Circadian rhythm sleep disorders	Diagnosis	ICD-10-CM
G47.20	Circadian rhythm sleep disorder, unspecified type	Diagnosis	ICD-10-CM
G47.21	Circadian rhythm sleep disorder, delayed sleep phase type	Diagnosis	ICD-10-CM
G47.22	Circadian rhythm sleep disorder, advanced sleep phase type	Diagnosis	ICD-10-CM
G47.23	Circadian rhythm sleep disorder, irregular sleep wake type	Diagnosis	ICD-10-CM
G47.24	Circadian rhythm sleep disorder, free running type	Diagnosis	ICD-10-CM
G47.25	Circadian rhythm sleep disorder, jet lag type	Diagnosis	ICD-10-CM
G47.26	Circadian rhythm sleep disorder, shift work type	Diagnosis	ICD-10-CM
G47.27	Circadian rhythm sleep disorder in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.29	Other circadian rhythm sleep disorder	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
G47.3	Sleep apnea	Diagnosis	ICD-10-CM
G47.30	Sleep apnea, unspecified	Diagnosis	ICD-10-CM
G47.31	Primary central sleep apnea	Diagnosis	ICD-10-CM
G47.33	Obstructive sleep apnea (adult) (pediatric)	Diagnosis	ICD-10-CM
G47.34	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-10-CM
G47.35	Congenital central alveolar hypoventilation syndrome	Diagnosis	ICD-10-CM
G47.36	Sleep related hypoventilation in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.37	Central sleep apnea in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.39	Other sleep apnea	Diagnosis	ICD-10-CM
G47.4	Narcolepsy and cataplexy	Diagnosis	ICD-10-CM
G47.41	Narcolepsy	Diagnosis	ICD-10-CM
G47.411	Narcolepsy with cataplexy	Diagnosis	ICD-10-CM
G47.419	Narcolepsy without cataplexy	Diagnosis	ICD-10-CM
G47.42	Narcolepsy in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.421	Narcolepsy in conditions classified elsewhere with cataplexy	Diagnosis	ICD-10-CM
G47.429	Narcolepsy in conditions classified elsewhere without cataplexy	Diagnosis	ICD-10-CM
G47.5	Parasomnia	Diagnosis	ICD-10-CM
G47.50	Parasomnia, unspecified	Diagnosis	ICD-10-CM
G47.51	Confusional arousals	Diagnosis	ICD-10-CM
G47.52	REM sleep behavior disorder	Diagnosis	ICD-10-CM
G47.53	Recurrent isolated sleep paralysis	Diagnosis	ICD-10-CM
G47.54	Parasomnia in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.59	Other parasomnia	Diagnosis	ICD-10-CM
G47.6	Sleep related movement disorders	Diagnosis	ICD-10-CM
G47.61	Periodic limb movement disorder	Diagnosis	ICD-10-CM
G47.62	Sleep related leg cramps	Diagnosis	ICD-10-CM
G47.63	Sleep related bruxism	Diagnosis	ICD-10-CM
G47.69	Other sleep related movement disorders	Diagnosis	ICD-10-CM
G47.8	Other sleep disorders	Diagnosis	ICD-10-CM
G47.9	Sleep disorder, unspecified	Diagnosis	ICD-10-CM
G91.0	Communicating hydrocephalus	Diagnosis	ICD-10-CM
G91.1	Obstructive hydrocephalus	Diagnosis	ICD-10-CM
G91.2	(Idiopathic) normal pressure hydrocephalus	Diagnosis	ICD-10-CM
G91.3	Post-traumatic hydrocephalus, unspecified	Diagnosis	ICD-10-CM
G91.4	Hydrocephalus in diseases classified elsewhere	Diagnosis	ICD-10-CM
G91.8	Other hydrocephalus	Diagnosis	ICD-10-CM
G91.9	Hydrocephalus, unspecified	Diagnosis	ICD-10-CM
G93.40	Encephalopathy, unspecified	Diagnosis	ICD-10-CM
G93.41	Metabolic encephalopathy	Diagnosis	ICD-10-CM
G93.49	Other encephalopathy	Diagnosis	ICD-10-CM
G93.7	Reye's syndrome	Diagnosis	ICD-10-CM
G93.89	Other specified disorders of brain	Diagnosis	ICD-10-CM
G93.9	Disorder of brain, unspecified	Diagnosis	ICD-10-CM
G94	Other disorders of brain in diseases classified elsewhere	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
GZ2ZZZZ	Crisis Intervention	Procedure	ICD-10-PCS
GZ50ZZZ	Individual Psychotherapy, Interactive	Procedure	ICD-10-PCS
GZ51ZZZ	Individual Psychotherapy, Behavioral	Procedure	ICD-10-PCS
GZ52ZZZ	Individual Psychotherapy, Cognitive	Procedure	ICD-10-PCS
GZ53ZZZ	Individual Psychotherapy, Interpersonal	Procedure	ICD-10-PCS
GZ54ZZZ	Individual Psychotherapy, Psychoanalysis	Procedure	ICD-10-PCS
GZ55ZZZ	Individual Psychotherapy, Psychodynamic	Procedure	ICD-10-PCS
GZ56ZZZ	Individual Psychotherapy, Supportive	Procedure	ICD-10-PCS
GZ58ZZZ	Individual Psychotherapy, Cognitive-Behavioral	Procedure	ICD-10-PCS
GZC9ZZZ	Biofeedback	Procedure	ICD-10-PCS
GZFZZZZ	Hypnosis	Procedure	ICD-10-PCS
GZHZZZZ	Group Psychotherapy	Procedure	ICD-10-PCS
H0005	Alcohol and/or drug services; group counseling by a clinician	Procedure	HCPCS
H0007	Alcohol and/or drug services; crisis intervention (outpatient)	Procedure	HCPCS
H0008	Alcohol and/or drug services; subacute detoxification (hospital inpatient)	Procedure	HCPCS
H0010	Alcohol and/or drug services; subacute detoxification (residential addiction program inpatient)	Procedure	HCPCS
H0011	Alcohol and/or drug services; acute detoxification (residential addiction program inpatient)	Procedure	HCPCS
H0012	Alcohol and/or drug services; subacute detoxification (residential addiction program outpatient)	Procedure	HCPCS
H0013	Alcohol and/or drug services; acute detoxification (residential addiction program outpatient)	Procedure	HCPCS
H0014	Alcohol and/or drug services; ambulatory detoxification	Procedure	HCPCS
H0015	Alcohol and/or drug services; intensive outpatient (treatment program that operates at least 3 hours/day and at least 3 days/week and is based on an individualized treatment plan), including assessment, counseling; crisis intervention, and activity therapies or education	Procedure	HCPCS
H0020	Alcohol and/or drug services; methadone administration and/or service (provision of the drug by a licensed program)	Procedure	HCPCS
H0022	Alcohol and/or drug intervention service (planned facilitation)	Procedure	HCPCS
H2035	Alcohol and/or other drug treatment program, per hour	Procedure	HCPCS
H2036	Alcohol and/or other drug treatment program, per diem	Procedure	HCPCS
H93.25	Central auditory processing disorder	Diagnosis	ICD-10-CM
I67.83	Posterior reversible encephalopathy syndrome	Diagnosis	ICD-10-CM
J0570	Buprenorphine implant, 74.2 mg	Procedure	HCPCS
J0571	Buprenorphine, oral, 1 mg	Procedure	HCPCS
J0572	Buprenorphine/naloxone, oral, less than or equal to 3 mg buprenorphine	Procedure	HCPCS
J0573	Buprenorphine/naloxone, oral, greater than 3 mg, but less than or equal to 6 mg buprenorphine	Procedure	HCPCS

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Code	Description	Code Category	Code Type
J0574	Buprenorphine/naloxone, oral, greater than 6 mg, but less than or equal to 10 mg buprenorphine	Procedure	HCPCS
J0575	Buprenorphine/naloxone, oral, greater than 10 mg buprenorphine	Procedure	HCPCS
J0592	Injection, buprenorphine HCl, 0.1 mg	Procedure	HCPCS
J1230	Injection, methadone HCl, up to 10 mg	Procedure	HCPCS
J2212	Injection, methylnaltrexone, 0.1 mg	Procedure	HCPCS
J2315	Injection, naltrexone, depot form, 1 mg	Procedure	HCPCS
K29.2	Alcoholic gastritis	Diagnosis	ICD-10-CM
L8679	Implantable neurostimulator, pulse generator, any type	Procedure	HCPCS
L8680	Implantable neurostimulator electrode, each	Procedure	HCPCS
L8681	Patient programmer (external) for use with implantable programmable neurostimulator pulse generator, replacement only	Procedure	HCPCS
L8682	Implantable neurostimulator radiofrequency receiver	Procedure	HCPCS
L8683	Radiofrequency transmitter (external) for use with implantable neurostimulator radiofrequency receiver	Procedure	HCPCS
L8685	Implantable neurostimulator pulse generator, single array, rechargeable, includes extension	Procedure	HCPCS
L8686	Implantable neurostimulator pulse generator, single array, nonrechargeable, includes extension	Procedure	HCPCS
L8687	Implantable neurostimulator pulse generator, dual array, rechargeable, includes extension	Procedure	HCPCS
L8688	Implantable neurostimulator pulse generator, dual array, nonrechargeable, includes extension	Procedure	HCPCS
L8689	External recharging system for battery (internal) for use with implantable neurostimulator, replacement only	Procedure	HCPCS
M1A.10X0	Lead-induced chronic gout, unspecified site, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.10X1	Lead-induced chronic gout, unspecified site, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1110	Lead-induced chronic gout, right shoulder, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1111	Lead-induced chronic gout, right shoulder, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1120	Lead-induced chronic gout, left shoulder, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1121	Lead-induced chronic gout, left shoulder, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1190	Lead-induced chronic gout, unspecified shoulder, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1191	Lead-induced chronic gout, unspecified shoulder, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1210	Lead-induced chronic gout, right elbow, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1211	Lead-induced chronic gout, right elbow, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1220	Lead-induced chronic gout, left elbow, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1221	Lead-induced chronic gout, left elbow, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1290	Lead-induced chronic gout, unspecified elbow, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1291	Lead-induced chronic gout, unspecified elbow, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1310	Lead-induced chronic gout, right wrist, without tophus (tophi)	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M1A.1311	Lead-induced chronic gout, right wrist, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1320	Lead-induced chronic gout, left wrist, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1321	Lead-induced chronic gout, left wrist, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1390	Lead-induced chronic gout, unspecified wrist, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1391	Lead-induced chronic gout, unspecified wrist, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1410	Lead-induced chronic gout, right hand, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1411	Lead-induced chronic gout, right hand, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1420	Lead-induced chronic gout, left hand, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1421	Lead-induced chronic gout, left hand, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1490	Lead-induced chronic gout, unspecified hand, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1491	Lead-induced chronic gout, unspecified hand, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1510	Lead-induced chronic gout, right hip, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1511	Lead-induced chronic gout, right hip, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1520	Lead-induced chronic gout, left hip, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1521	Lead-induced chronic gout, left hip, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1590	Lead-induced chronic gout, unspecified hip, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1591	Lead-induced chronic gout, unspecified hip, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1610	Lead-induced chronic gout, right knee, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1611	Lead-induced chronic gout, right knee, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1620	Lead-induced chronic gout, left knee, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1621	Lead-induced chronic gout, left knee, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1690	Lead-induced chronic gout, unspecified knee, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1691	Lead-induced chronic gout, unspecified knee, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1710	Lead-induced chronic gout, right ankle and foot, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1711	Lead-induced chronic gout, right ankle and foot, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1720	Lead-induced chronic gout, left ankle and foot, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1721	Lead-induced chronic gout, left ankle and foot, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1790	Lead-induced chronic gout, unspecified ankle and foot, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1791	Lead-induced chronic gout, unspecified ankle and foot, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.18X0	Lead-induced chronic gout, vertebrae, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.18X1	Lead-induced chronic gout, vertebrae, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.19X0	Lead-induced chronic gout, multiple sites, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.19X1	Lead-induced chronic gout, multiple sites, with tophus (tophi)	Diagnosis	ICD-10-CM
O35.5XX0	Maternal care for (suspected) damage to fetus by drugs, not applicable or unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O35.5XX1	Maternal care for (suspected) damage to fetus by drugs, fetus 1	Diagnosis	ICD-10-CM
O35.5XX2	Maternal care for (suspected) damage to fetus by drugs, fetus 2	Diagnosis	ICD-10-CM
O35.5XX3	Maternal care for (suspected) damage to fetus by drugs, fetus 3	Diagnosis	ICD-10-CM
O35.5XX4	Maternal care for (suspected) damage to fetus by drugs, fetus 4	Diagnosis	ICD-10-CM
O35.5XX5	Maternal care for (suspected) damage to fetus by drugs, fetus 5	Diagnosis	ICD-10-CM
O35.5XX9	Maternal care for (suspected) damage to fetus by drugs, other fetus	Diagnosis	ICD-10-CM
O90.6	Postpartum mood disturbance	Diagnosis	ICD-10-CM
O99.310	Alcohol use complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.311	Alcohol use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.312	Alcohol use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.313	Alcohol use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.314	Alcohol use complicating childbirth	Diagnosis	ICD-10-CM
O99.315	Alcohol use complicating the puerperium	Diagnosis	ICD-10-CM
O99.320	Drug use complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.321	Drug use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.322	Drug use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.323	Drug use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.324	Drug use complicating childbirth	Diagnosis	ICD-10-CM
O99.325	Drug use complicating the puerperium	Diagnosis	ICD-10-CM
Q9991	Injection, buprenorphine extended-release (Sublocade), less than or equal to 100 mg	Procedure	HCPCS
Q9992	Injection, buprenorphine extended-release (Sublocade), greater than 100 mg	Procedure	HCPCS
R37	Sexual dysfunction, unspecified	Diagnosis	ICD-10-CM
R44.0	Auditory hallucinations	Diagnosis	ICD-10-CM
R44.2	Other hallucinations	Diagnosis	ICD-10-CM
R44.3	Hallucinations, unspecified	Diagnosis	ICD-10-CM
R45.1	Restlessness and agitation	Diagnosis	ICD-10-CM
R45.2	Unhappiness	Diagnosis	ICD-10-CM
R45.3	Demoralization and apathy	Diagnosis	ICD-10-CM
R45.4	Irritability and anger	Diagnosis	ICD-10-CM
R45.5	Hostility	Diagnosis	ICD-10-CM
R45.6	Violent behavior	Diagnosis	ICD-10-CM
R45.7	State of emotional shock and stress, unspecified	Diagnosis	ICD-10-CM
R45.81	Low self-esteem	Diagnosis	ICD-10-CM
R45.82	Worries	Diagnosis	ICD-10-CM
R45.83	Excessive crying of child, adolescent or adult	Diagnosis	ICD-10-CM
R45.84	Anhedonia	Diagnosis	ICD-10-CM
R45.850	Homicidal ideations	Diagnosis	ICD-10-CM
R45.851	Suicidal ideations	Diagnosis	ICD-10-CM
R45.86	Emotional lability	Diagnosis	ICD-10-CM
R45.89	Other symptoms and signs involving emotional state	Diagnosis	ICD-10-CM
R46.0	Very low level of personal hygiene	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
R46.1	Bizarre personal appearance	Diagnosis	ICD-10-CM
R46.2	Strange and inexplicable behavior	Diagnosis	ICD-10-CM
R46.3	Overactivity	Diagnosis	ICD-10-CM
R46.4	Slowness and poor responsiveness	Diagnosis	ICD-10-CM
R46.5	Suspiciousness and marked evasiveness	Diagnosis	ICD-10-CM
R46.6	Undue concern and preoccupation with stressful events	Diagnosis	ICD-10-CM
R46.7	Verbosity and circumstantial detail obscuring reason for contact	Diagnosis	ICD-10-CM
R46.81	Obsessive-compulsive behavior	Diagnosis	ICD-10-CM
R46.89	Other symptoms and signs involving appearance and behavior	Diagnosis	ICD-10-CM
R48.0	Dyslexia and alexia	Diagnosis	ICD-10-CM
S0109	Methadone, oral, 5 mg	Procedure	HCPCS
T1006	Alcohol and/or substance abuse services, family/couple counseling	Procedure	HCPCS
T1007	Alcohol and/or substance abuse services, treatment plan development and/or modification	Procedure	HCPCS
T1008	Day treatment for individual alcohol and/or substance abuse services	Procedure	HCPCS
T1010	Meals for individuals receiving alcohol and/or substance abuse services (when meals not included in the program)	Procedure	HCPCS
T1012	Alcohol and/or substance abuse services, skills development	Procedure	HCPCS
T14.91	Suicide attempt	Diagnosis	ICD-10-CM
T14.91XA	Suicide attempt, initial encounter	Diagnosis	ICD-10-CM
T14.91XD	Suicide attempt, subsequent encounter	Diagnosis	ICD-10-CM
T14.91XS	Suicide attempt, sequela	Diagnosis	ICD-10-CM
T36.0X1A	Poisoning by penicillins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.0X2A	Poisoning by penicillins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.0X2D	Poisoning by penicillins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.0X2S	Poisoning by penicillins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.0X3A	Poisoning by penicillins, assault, initial encounter	Diagnosis	ICD-10-CM
T36.0X4A	Poisoning by penicillins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.1X1A	Poisoning by cephalosporins and other beta-lactam antibiotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.1X2A	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.1X2D	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.1X2S	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.1X3A	Poisoning by cephalosporins and other beta-lactam antibiotics, assault, initial encounter	Diagnosis	ICD-10-CM
T36.1X4A	Poisoning by cephalosporins and other beta-lactam antibiotics, undetermined, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T36.2X1A	Poisoning by chloramphenicol group, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.2X2A	Poisoning by chloramphenicol group, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.2X2D	Poisoning by chloramphenicol group, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.2X2S	Poisoning by chloramphenicol group, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.2X3A	Poisoning by chloramphenicol group, assault, initial encounter	Diagnosis	ICD-10-CM
T36.2X4A	Poisoning by chloramphenicol group, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.3X1A	Poisoning by macrolides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.3X2A	Poisoning by macrolides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.3X2D	Poisoning by macrolides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.3X2S	Poisoning by macrolides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.3X3A	Poisoning by macrolides, assault, initial encounter	Diagnosis	ICD-10-CM
T36.3X4A	Poisoning by macrolides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.4X1A	Poisoning by tetracyclines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.4X2A	Poisoning by tetracyclines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.4X2D	Poisoning by tetracyclines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.4X2S	Poisoning by tetracyclines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.4X3A	Poisoning by tetracyclines, assault, initial encounter	Diagnosis	ICD-10-CM
T36.4X4A	Poisoning by tetracyclines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.5X1A	Poisoning by aminoglycosides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.5X2A	Poisoning by aminoglycosides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.5X2D	Poisoning by aminoglycosides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.5X2S	Poisoning by aminoglycosides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.5X3A	Poisoning by aminoglycosides, assault, initial encounter	Diagnosis	ICD-10-CM
T36.5X4A	Poisoning by aminoglycosides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.6X1A	Poisoning by rifampicins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.6X2A	Poisoning by rifampicins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.6X2D	Poisoning by rifampicins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.6X2S	Poisoning by rifampicins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.6X3A	Poisoning by rifampicins, assault, initial encounter	Diagnosis	ICD-10-CM
T36.6X4A	Poisoning by rifampicins, undetermined, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T36.7X1A	Poisoning by antifungal antibiotics, systemically used, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.7X2A	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.7X2D	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.7X2S	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.7X3A	Poisoning by antifungal antibiotics, systemically used, assault, initial encounter	Diagnosis	ICD-10-CM
T36.7X4A	Poisoning by antifungal antibiotics, systemically used, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.8X1A	Poisoning by other systemic antibiotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.8X2A	Poisoning by other systemic antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.8X2D	Poisoning by other systemic antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.8X2S	Poisoning by other systemic antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.8X3A	Poisoning by other systemic antibiotics, assault, initial encounter	Diagnosis	ICD-10-CM
T36.8X4A	Poisoning by other systemic antibiotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.91XA	Poisoning by unspecified systemic antibiotic, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.92XA	Poisoning by unspecified systemic antibiotic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.92XD	Poisoning by unspecified systemic antibiotic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.92XS	Poisoning by unspecified systemic antibiotic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.93XA	Poisoning by unspecified systemic antibiotic, assault, initial encounter	Diagnosis	ICD-10-CM
T36.94XA	Poisoning by unspecified systemic antibiotic, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.0X1A	Poisoning by sulfonamides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.0X2A	Poisoning by sulfonamides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.0X2D	Poisoning by sulfonamides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.0X2S	Poisoning by sulfonamides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.0X3A	Poisoning by sulfonamides, assault, initial encounter	Diagnosis	ICD-10-CM
T37.0X4A	Poisoning by sulfonamides, undetermined, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T37.1X1A	Poisoning by antimycobacterial drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.1X2A	Poisoning by antimycobacterial drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.1X2D	Poisoning by antimycobacterial drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.1X2S	Poisoning by antimycobacterial drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.1X3A	Poisoning by antimycobacterial drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T37.1X4A	Poisoning by antimycobacterial drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.2X1A	Poisoning by antimalarials and drugs acting on other blood protozoa, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.2X2A	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.2X2D	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.2X2S	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.2X3A	Poisoning by antimalarials and drugs acting on other blood protozoa, assault, initial encounter	Diagnosis	ICD-10-CM
T37.2X4A	Poisoning by antimalarials and drugs acting on other blood protozoa, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.3X1A	Poisoning by other antiprotozoal drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.3X2A	Poisoning by other antiprotozoal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.3X2D	Poisoning by other antiprotozoal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.3X2S	Poisoning by other antiprotozoal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.3X3A	Poisoning by other antiprotozoal drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T37.3X4A	Poisoning by other antiprotozoal drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.4X1A	Poisoning by anthelminthics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.4X2A	Poisoning by anthelminthics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.4X2D	Poisoning by anthelminthics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.4X2S	Poisoning by anthelminthics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.4X3A	Poisoning by anthelminthics, assault, initial encounter	Diagnosis	ICD-10-CM
T37.4X4A	Poisoning by anthelminthics, undetermined, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T37.5X1A	Poisoning by antiviral drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.5X2A	Poisoning by antiviral drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.5X2D	Poisoning by antiviral drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.5X2S	Poisoning by antiviral drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.5X3A	Poisoning by antiviral drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T37.5X4A	Poisoning by antiviral drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.8X1A	Poisoning by other specified systemic anti-infectives and antiparasitics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.8X2A	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.8X2D	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.8X2S	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.8X3A	Poisoning by other specified systemic anti-infectives and antiparasitics, assault, initial encounter	Diagnosis	ICD-10-CM
T37.8X4A	Poisoning by other specified systemic anti-infectives and antiparasitics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.91XA	Poisoning by unspecified systemic anti-infective and antiparasitics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.92XA	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.92XD	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.92XS	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.93XA	Poisoning by unspecified systemic anti-infective and antiparasitics, assault, initial encounter	Diagnosis	ICD-10-CM
T37.94XA	Poisoning by unspecified systemic anti-infective and antiparasitics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.0X1A	Poisoning by glucocorticoids and synthetic analogues, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.0X2A	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.0X2D	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.0X2S	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.0X3A	Poisoning by glucocorticoids and synthetic analogues, assault, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T38.0X4A	Poisoning by glucocorticoids and synthetic analogues, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.1X1A	Poisoning by thyroid hormones and substitutes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.1X2A	Poisoning by thyroid hormones and substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.1X2D	Poisoning by thyroid hormones and substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.1X2S	Poisoning by thyroid hormones and substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.1X3A	Poisoning by thyroid hormones and substitutes, assault, initial encounter	Diagnosis	ICD-10-CM
T38.1X4A	Poisoning by thyroid hormones and substitutes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.2X1A	Poisoning by antithyroid drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.2X2A	Poisoning by antithyroid drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.2X2D	Poisoning by antithyroid drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.2X2S	Poisoning by antithyroid drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.2X3A	Poisoning by antithyroid drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T38.2X4A	Poisoning by antithyroid drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.3X1A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.3X2A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.3X2D	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.3X2S	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.3X3A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T38.3X4A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.4X1A	Poisoning by oral contraceptives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.4X2A	Poisoning by oral contraceptives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.4X2D	Poisoning by oral contraceptives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.4X2S	Poisoning by oral contraceptives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.4X3A	Poisoning by oral contraceptives, assault, initial encounter	Diagnosis	ICD-10-CM
T38.4X4A	Poisoning by oral contraceptives, undetermined, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T38.5X1A	Poisoning by other estrogens and progestogens, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.5X2A	Poisoning by other estrogens and progestogens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.5X2D	Poisoning by other estrogens and progestogens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.5X2S	Poisoning by other estrogens and progestogens, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.5X3A	Poisoning by other estrogens and progestogens, assault, initial encounter	Diagnosis	ICD-10-CM
T38.5X4A	Poisoning by other estrogens and progestogens, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.6X1A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.6X2A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.6X2D	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.6X2S	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.6X3A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, assault, initial encounter	Diagnosis	ICD-10-CM
T38.6X4A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.7X1A	Poisoning by androgens and anabolic congeners, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.7X2A	Poisoning by androgens and anabolic congeners, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.7X2D	Poisoning by androgens and anabolic congeners, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.7X2S	Poisoning by androgens and anabolic congeners, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.7X3A	Poisoning by androgens and anabolic congeners, assault, initial encounter	Diagnosis	ICD-10-CM
T38.7X4A	Poisoning by androgens and anabolic congeners, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.801A	Poisoning by unspecified hormones and synthetic substitutes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.802A	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.802D	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T38.802S	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.803A	Poisoning by unspecified hormones and synthetic substitutes, assault, initial encounter	Diagnosis	ICD-10-CM
T38.804A	Poisoning by unspecified hormones and synthetic substitutes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.811A	Poisoning by anterior pituitary [adenohypophyseal] hormones, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.812A	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.812D	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.812S	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.813A	Poisoning by anterior pituitary [adenohypophyseal] hormones, assault, initial encounter	Diagnosis	ICD-10-CM
T38.814A	Poisoning by anterior pituitary [adenohypophyseal] hormones, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.891A	Poisoning by other hormones and synthetic substitutes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.892A	Poisoning by other hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.892D	Poisoning by other hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.892S	Poisoning by other hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.893A	Poisoning by other hormones and synthetic substitutes, assault, initial encounter	Diagnosis	ICD-10-CM
T38.894A	Poisoning by other hormones and synthetic substitutes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.901A	Poisoning by unspecified hormone antagonists, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.902A	Poisoning by unspecified hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.902D	Poisoning by unspecified hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.902S	Poisoning by unspecified hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.903A	Poisoning by unspecified hormone antagonists, assault, initial encounter	Diagnosis	ICD-10-CM
T38.904A	Poisoning by unspecified hormone antagonists, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.991A	Poisoning by other hormone antagonists, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T38.992A	Poisoning by other hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.992D	Poisoning by other hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.992S	Poisoning by other hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.993A	Poisoning by other hormone antagonists, assault, initial encounter	Diagnosis	ICD-10-CM
T38.994A	Poisoning by other hormone antagonists, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.011A	Poisoning by aspirin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.012A	Poisoning by aspirin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.012D	Poisoning by aspirin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.012S	Poisoning by aspirin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.013A	Poisoning by aspirin, assault, initial encounter	Diagnosis	ICD-10-CM
T39.014A	Poisoning by aspirin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.091A	Poisoning by salicylates, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.092A	Poisoning by salicylates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.092D	Poisoning by salicylates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.092S	Poisoning by salicylates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.093A	Poisoning by salicylates, assault, initial encounter	Diagnosis	ICD-10-CM
T39.094A	Poisoning by salicylates, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.1X1A	Poisoning by 4-Aminophenol derivatives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.1X2A	Poisoning by 4-Aminophenol derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.1X2D	Poisoning by 4-Aminophenol derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.1X2S	Poisoning by 4-Aminophenol derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.1X3A	Poisoning by 4-Aminophenol derivatives, assault, initial encounter	Diagnosis	ICD-10-CM
T39.1X4A	Poisoning by 4-Aminophenol derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.2X1A	Poisoning by pyrazolone derivatives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.2X2A	Poisoning by pyrazolone derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.2X2D	Poisoning by pyrazolone derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.2X2S	Poisoning by pyrazolone derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.2X3A	Poisoning by pyrazolone derivatives, assault, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T39.2X4A	Poisoning by pyrazolone derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.311A	Poisoning by propionic acid derivatives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.312A	Poisoning by propionic acid derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.312D	Poisoning by propionic acid derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.312S	Poisoning by propionic acid derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.313A	Poisoning by propionic acid derivatives, assault, initial encounter	Diagnosis	ICD-10-CM
T39.314A	Poisoning by propionic acid derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.391A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.392A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.392D	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.392S	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.393A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], assault, initial encounter	Diagnosis	ICD-10-CM
T39.394A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.4X1A	Poisoning by antirheumatics, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.4X2A	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.4X2D	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.4X2S	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.4X3A	Poisoning by antirheumatics, not elsewhere classified, assault, initial encounter	Diagnosis	ICD-10-CM
T39.4X4A	Poisoning by antirheumatics, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.8X1A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.8X2A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.8X2D	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T39.8X2S	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.8X3A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, assault, initial encounter	Diagnosis	ICD-10-CM
T39.8X4A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.91XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.92XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.92XD	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.92XS	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.93XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, assault, initial encounter	Diagnosis	ICD-10-CM
T39.94XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.0X1D	Poisoning by opium, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.0X1S	Poisoning by opium, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.0X3A	Poisoning by opium, assault, initial encounter	Diagnosis	ICD-10-CM
T40.0X3D	Poisoning by opium, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X3S	Poisoning by opium, assault, sequela	Diagnosis	ICD-10-CM
T40.0X4A	Poisoning by opium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X4D	Poisoning by opium, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X4S	Poisoning by opium, undetermined, sequela	Diagnosis	ICD-10-CM
T40.0X5A	Adverse effect of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X5D	Adverse effect of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X5S	Adverse effect of opium, sequela	Diagnosis	ICD-10-CM
T40.0X6A	Underdosing of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X6D	Underdosing of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X6S	Underdosing of opium, sequela	Diagnosis	ICD-10-CM
T40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.1X2A	Poisoning by heroin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.1X2D	Poisoning by heroin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X2S	Poisoning by heroin, intentional self-harm, sequela	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T40.1X3A	Poisoning by heroin, assault, initial encounter	Diagnosis	ICD-10-CM
T40.1X3D	Poisoning by heroin, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X3S	Poisoning by heroin, assault, sequela	Diagnosis	ICD-10-CM
T40.1X4A	Poisoning by heroin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.1X4D	Poisoning by heroin, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X4S	Poisoning by heroin, undetermined, sequela	Diagnosis	ICD-10-CM
T40.1X5A	Adverse effect of heroin, initial encounter	Diagnosis	ICD-10-CM
T40.1X5D	Adverse effect of heroin, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X5S	Adverse effect of heroin, sequela	Diagnosis	ICD-10-CM
T40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.2X2A	Poisoning by other opioids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.2X2D	Poisoning by other opioids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X2S	Poisoning by other opioids, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.2X3A	Poisoning by other opioids, assault, initial encounter	Diagnosis	ICD-10-CM
T40.2X4A	Poisoning by other opioids, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.3X2A	Poisoning by methadone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.3X2D	Poisoning by methadone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X2S	Poisoning by methadone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.3X3A	Poisoning by methadone, assault, initial encounter	Diagnosis	ICD-10-CM
T40.3X4A	Poisoning by methadone, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.4X1A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.4X3A	Poisoning by other synthetic narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.4X4A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.5X1A	Poisoning by cocaine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.5X1D	Poisoning by cocaine, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.5X1S	Poisoning by cocaine, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.5X2A	Poisoning by cocaine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.5X2D	Poisoning by cocaine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X2S	Poisoning by cocaine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.5X3A	Poisoning by cocaine, assault, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T40.5X3D	Poisoning by cocaine, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X3S	Poisoning by cocaine, assault, sequela	Diagnosis	ICD-10-CM
T40.5X4A	Poisoning by cocaine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.5X4D	Poisoning by cocaine, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X4S	Poisoning by cocaine, undetermined, sequela	Diagnosis	ICD-10-CM
T40.5X5A	Adverse effect of cocaine, initial encounter	Diagnosis	ICD-10-CM
T40.5X5D	Adverse effect of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X5S	Adverse effect of cocaine, sequela	Diagnosis	ICD-10-CM
T40.5X6A	Underdosing of cocaine, initial encounter	Diagnosis	ICD-10-CM
T40.5X6D	Underdosing of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X6S	Underdosing of cocaine, sequela	Diagnosis	ICD-10-CM
T40.601A	Poisoning by unspecified narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.602A	Poisoning by unspecified narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.602D	Poisoning by unspecified narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.602S	Poisoning by unspecified narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.603A	Poisoning by unspecified narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.604A	Poisoning by unspecified narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.692A	Poisoning by other narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.692D	Poisoning by other narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.692S	Poisoning by other narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.693A	Poisoning by other narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.694A	Poisoning by other narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.7X1A	Poisoning by cannabis (derivatives), accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.7X1D	Poisoning by cannabis (derivatives), accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X1S	Poisoning by cannabis (derivatives), accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.7X2A	Poisoning by cannabis (derivatives), intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.7X2D	Poisoning by cannabis (derivatives), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X2S	Poisoning by cannabis (derivatives), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.7X3A	Poisoning by cannabis (derivatives), assault, initial encounter	Diagnosis	ICD-10-CM
T40.7X3D	Poisoning by cannabis (derivatives), assault, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T40.7X3S	Poisoning by cannabis (derivatives), assault, sequela	Diagnosis	ICD-10-CM
T40.7X4A	Poisoning by cannabis (derivatives), undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.7X4D	Poisoning by cannabis (derivatives), undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X4S	Poisoning by cannabis (derivatives), undetermined, sequela	Diagnosis	ICD-10-CM
T40.7X5A	Adverse effect of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM
T40.7X5D	Adverse effect of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X5S	Adverse effect of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
T40.7X6A	Underdosing of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM
T40.7X6D	Underdosing of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X6S	Underdosing of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
T40.8X1A	Poisoning by lysergide [LSD], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.8X1D	Poisoning by lysergide [LSD], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.8X1S	Poisoning by lysergide [LSD], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.8X2A	Poisoning by lysergide [LSD], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.8X2D	Poisoning by lysergide [LSD], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X2S	Poisoning by lysergide [LSD], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.8X3A	Poisoning by lysergide [LSD], assault, initial encounter	Diagnosis	ICD-10-CM
T40.8X3D	Poisoning by lysergide [LSD], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X3S	Poisoning by lysergide [LSD], assault, sequela	Diagnosis	ICD-10-CM
T40.8X4A	Poisoning by lysergide [LSD], undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.8X4D	Poisoning by lysergide [LSD], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X4S	Poisoning by lysergide [LSD], undetermined, sequela	Diagnosis	ICD-10-CM
T40.8X5A	Adverse effect of lysergide [LSD], initial encounter	Diagnosis	ICD-10-CM
T40.8X5D	Adverse effect of lysergide [LSD], subsequent encounter	Diagnosis	ICD-10-CM
T40.8X5S	Adverse effect of lysergide [LSD], sequela	Diagnosis	ICD-10-CM
T40.901A	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.901D	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.901S	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.902A	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.902D	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.902S	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T40.903A	Poisoning by unspecified psychodysleptics [hallucinogens], assault, initial encounter	Diagnosis	ICD-10-CM
T40.903D	Poisoning by unspecified psychodysleptics [hallucinogens], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.903S	Poisoning by unspecified psychodysleptics [hallucinogens], assault, sequela	Diagnosis	ICD-10-CM
T40.904A	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.904D	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.904S	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, sequela	Diagnosis	ICD-10-CM
T40.905A	Adverse effect of unspecified psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.905D	Adverse effect of unspecified psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.905S	Adverse effect of unspecified psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.906A	Underdosing of unspecified psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.906D	Underdosing of unspecified psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.906S	Underdosing of unspecified psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.991A	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.991D	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.991S	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.992A	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.992D	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.992S	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.993A	Poisoning by other psychodysleptics [hallucinogens], assault, initial encounter	Diagnosis	ICD-10-CM
T40.993D	Poisoning by other psychodysleptics [hallucinogens], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.993S	Poisoning by other psychodysleptics [hallucinogens], assault, sequela	Diagnosis	ICD-10-CM
T40.994A	Poisoning by other psychodysleptics [hallucinogens], undetermined, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T40.994D	Poisoning by other psychodysleptics [hallucinogens], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.994S	Poisoning by other psychodysleptics [hallucinogens], undetermined, sequela	Diagnosis	ICD-10-CM
T40.995A	Adverse effect of other psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.995D	Adverse effect of other psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.995S	Adverse effect of other psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.996A	Underdosing of other psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.996D	Underdosing of other psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.996S	Underdosing of other psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T41.0X1A	Poisoning by inhaled anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.0X2A	Poisoning by inhaled anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.0X2D	Poisoning by inhaled anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.0X2S	Poisoning by inhaled anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.0X3A	Poisoning by inhaled anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.0X4A	Poisoning by inhaled anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.1X1A	Poisoning by intravenous anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.1X2A	Poisoning by intravenous anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.1X2D	Poisoning by intravenous anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.1X2S	Poisoning by intravenous anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.1X3A	Poisoning by intravenous anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.1X4A	Poisoning by intravenous anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.201A	Poisoning by unspecified general anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.202A	Poisoning by unspecified general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.202D	Poisoning by unspecified general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.202S	Poisoning by unspecified general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.203A	Poisoning by unspecified general anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T41.204A	Poisoning by unspecified general anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.291A	Poisoning by other general anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.292A	Poisoning by other general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.292D	Poisoning by other general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.292S	Poisoning by other general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.293A	Poisoning by other general anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.294A	Poisoning by other general anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.3X1A	Poisoning by local anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.3X2A	Poisoning by local anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.3X2D	Poisoning by local anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.3X2S	Poisoning by local anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.3X3A	Poisoning by local anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.3X4A	Poisoning by local anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.41XA	Poisoning by unspecified anesthetic, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.42XA	Poisoning by unspecified anesthetic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.42XD	Poisoning by unspecified anesthetic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.42XS	Poisoning by unspecified anesthetic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.43XA	Poisoning by unspecified anesthetic, assault, initial encounter	Diagnosis	ICD-10-CM
T41.44XA	Poisoning by unspecified anesthetic, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.5X2A	Poisoning by therapeutic gases, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.5X2D	Poisoning by therapeutic gases, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.5X2S	Poisoning by therapeutic gases, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.0X1A	Poisoning by hydantoin derivatives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.0X2A	Poisoning by hydantoin derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.0X2D	Poisoning by hydantoin derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T42.0X2S	Poisoning by hydantoin derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.0X3A	Poisoning by hydantoin derivatives, assault, initial encounter	Diagnosis	ICD-10-CM
T42.0X4A	Poisoning by hydantoin derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.1X1A	Poisoning by iminostilbenes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.1X2A	Poisoning by iminostilbenes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.1X2D	Poisoning by iminostilbenes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.1X2S	Poisoning by iminostilbenes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.1X3A	Poisoning by iminostilbenes, assault, initial encounter	Diagnosis	ICD-10-CM
T42.1X4A	Poisoning by iminostilbenes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.2X1A	Poisoning by succinimides and oxazolidinediones, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.2X2A	Poisoning by succinimides and oxazolidinediones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.2X2D	Poisoning by succinimides and oxazolidinediones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.2X2S	Poisoning by succinimides and oxazolidinediones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.2X3A	Poisoning by succinimides and oxazolidinediones, assault, initial encounter	Diagnosis	ICD-10-CM
T42.2X4A	Poisoning by succinimides and oxazolidinediones, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.3X1A	Poisoning by barbiturates, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.3X2A	Poisoning by barbiturates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.3X2D	Poisoning by barbiturates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.3X2S	Poisoning by barbiturates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.3X3A	Poisoning by barbiturates, assault, initial encounter	Diagnosis	ICD-10-CM
T42.3X4A	Poisoning by barbiturates, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.4X1A	Poisoning by benzodiazepines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.4X2A	Poisoning by benzodiazepines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.4X2D	Poisoning by benzodiazepines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.4X2S	Poisoning by benzodiazepines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.4X3A	Poisoning by benzodiazepines, assault, initial encounter	Diagnosis	ICD-10-CM
T42.4X4A	Poisoning by benzodiazepines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.5X1A	Poisoning by mixed antiepileptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T42.5X2A	Poisoning by mixed antiepileptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.5X2D	Poisoning by mixed antiepileptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.5X2S	Poisoning by mixed antiepileptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.5X3A	Poisoning by mixed antiepileptics, assault, initial encounter	Diagnosis	ICD-10-CM
T42.5X4A	Poisoning by mixed antiepileptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.6X1A	Poisoning by other antiepileptic and sedative-hypnotic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.6X2A	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.6X2D	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.6X2S	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.6X3A	Poisoning by other antiepileptic and sedative-hypnotic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T42.6X4A	Poisoning by other antiepileptic and sedative-hypnotic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.71XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.72XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.72XD	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.72XS	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.73XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T42.74XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.8X1A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.8X2A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.8X2D	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.8X2S	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.8X3A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, assault, initial encounter	Diagnosis	ICD-10-CM
T42.8X4A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, undetermined, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T43.011A	Poisoning by tricyclic antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.012A	Poisoning by tricyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.012D	Poisoning by tricyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.012S	Poisoning by tricyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.013A	Poisoning by tricyclic antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.014A	Poisoning by tricyclic antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.021A	Poisoning by tetracyclic antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.022A	Poisoning by tetracyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.022D	Poisoning by tetracyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.022S	Poisoning by tetracyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.023A	Poisoning by tetracyclic antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.024A	Poisoning by tetracyclic antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.1X1A	Poisoning by monoamine-oxidase-inhibitor antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.1X2A	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.1X2D	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.1X2S	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.1X3A	Poisoning by monoamine-oxidase-inhibitor antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.1X4A	Poisoning by monoamine-oxidase-inhibitor antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.201A	Poisoning by unspecified antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.202A	Poisoning by unspecified antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.202D	Poisoning by unspecified antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.202S	Poisoning by unspecified antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.203A	Poisoning by unspecified antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T43.204A	Poisoning by unspecified antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.211A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.212A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.212D	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.212S	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.213A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, assault, initial encounter	Diagnosis	ICD-10-CM
T43.214A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.221A	Poisoning by selective serotonin reuptake inhibitors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.222A	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.222D	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.222S	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.223A	Poisoning by selective serotonin reuptake inhibitors, assault, initial encounter	Diagnosis	ICD-10-CM
T43.224A	Poisoning by selective serotonin reuptake inhibitors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.291A	Poisoning by other antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.292A	Poisoning by other antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.292D	Poisoning by other antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.292S	Poisoning by other antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.293A	Poisoning by other antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.294A	Poisoning by other antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.3X1A	Poisoning by phenothiazine antipsychotics and neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.3X2A	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.3X2D	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.3X2S	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T43.3X3A	Poisoning by phenothiazine antipsychotics and neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.3X4A	Poisoning by phenothiazine antipsychotics and neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.4X1A	Poisoning by butyrophenone and thiothixene neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.4X2A	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.4X2D	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.4X2S	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.4X3A	Poisoning by butyrophenone and thiothixene neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.4X4A	Poisoning by butyrophenone and thiothixene neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.501A	Poisoning by unspecified antipsychotics and neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.502A	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.502D	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.502S	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.503A	Poisoning by unspecified antipsychotics and neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.504A	Poisoning by unspecified antipsychotics and neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.591A	Poisoning by other antipsychotics and neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.592A	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.592D	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.592S	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.593A	Poisoning by other antipsychotics and neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.594A	Poisoning by other antipsychotics and neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.601A	Poisoning by unspecified psychostimulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.602A	Poisoning by unspecified psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T43.602D	Poisoning by unspecified psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.602S	Poisoning by unspecified psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.603A	Poisoning by unspecified psychostimulants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.604A	Poisoning by unspecified psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.611A	Poisoning by caffeine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.612A	Poisoning by caffeine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.612D	Poisoning by caffeine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.612S	Poisoning by caffeine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.613A	Poisoning by caffeine, assault, initial encounter	Diagnosis	ICD-10-CM
T43.614A	Poisoning by caffeine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.621A	Poisoning by amphetamines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.622A	Poisoning by amphetamines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.622D	Poisoning by amphetamines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.622S	Poisoning by amphetamines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.623A	Poisoning by amphetamines, assault, initial encounter	Diagnosis	ICD-10-CM
T43.624A	Poisoning by amphetamines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.631A	Poisoning by methylphenidate, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.632A	Poisoning by methylphenidate, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.632D	Poisoning by methylphenidate, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.632S	Poisoning by methylphenidate, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.633A	Poisoning by methylphenidate, assault, initial encounter	Diagnosis	ICD-10-CM
T43.634A	Poisoning by methylphenidate, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.691A	Poisoning by other psychostimulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.692A	Poisoning by other psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.692D	Poisoning by other psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.692S	Poisoning by other psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.693A	Poisoning by other psychostimulants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.694A	Poisoning by other psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T43.8X1A	Poisoning by other psychotropic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.8X2A	Poisoning by other psychotropic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.8X2D	Poisoning by other psychotropic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.8X2S	Poisoning by other psychotropic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.8X3A	Poisoning by other psychotropic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T43.8X4A	Poisoning by other psychotropic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.91XA	Poisoning by unspecified psychotropic drug, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.92XA	Poisoning by unspecified psychotropic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.92XD	Poisoning by unspecified psychotropic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.92XS	Poisoning by unspecified psychotropic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.93XA	Poisoning by unspecified psychotropic drug, assault, initial encounter	Diagnosis	ICD-10-CM
T43.94XA	Poisoning by unspecified psychotropic drug, undetermined, initial encounter	Diagnosis	ICD-10-CM
T44.0X2A	Poisoning by anticholinesterase agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.0X2D	Poisoning by anticholinesterase agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.0X2S	Poisoning by anticholinesterase agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.1X2A	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.1X2D	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.1X2S	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.2X2A	Poisoning by ganglionic blocking drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.2X2D	Poisoning by ganglionic blocking drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.2X2S	Poisoning by ganglionic blocking drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.3X2A	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T44.3X2D	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.3X2S	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.4X2A	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.4X2D	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.4X2S	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.5X2A	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.5X2D	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.5X2S	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.6X2A	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.6X2D	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.6X2S	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.7X2A	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.7X2D	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.7X2S	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.8X2A	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.8X2D	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.8X2S	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.902A	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.902D	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.902S	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.992A	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T44.992D	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.992S	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.0X1A	Poisoning by antiallergic and antiemetic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.0X2A	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.0X2D	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.0X2S	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.0X3A	Poisoning by antiallergic and antiemetic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.0X4A	Poisoning by antiallergic and antiemetic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.1X1A	Poisoning by antineoplastic and immunosuppressive drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.1X2A	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.1X2D	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.1X2S	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.1X3A	Poisoning by antineoplastic and immunosuppressive drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.1X4A	Poisoning by antineoplastic and immunosuppressive drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.2X1A	Poisoning by vitamins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.2X2A	Poisoning by vitamins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.2X2D	Poisoning by vitamins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.2X2S	Poisoning by vitamins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.2X3A	Poisoning by vitamins, assault, initial encounter	Diagnosis	ICD-10-CM
T45.2X4A	Poisoning by vitamins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.3X1A	Poisoning by enzymes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.3X2A	Poisoning by enzymes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.3X2D	Poisoning by enzymes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.3X2S	Poisoning by enzymes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.3X3A	Poisoning by enzymes, assault, initial encounter	Diagnosis	ICD-10-CM
T45.3X4A	Poisoning by enzymes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.4X1A	Poisoning by iron and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T45.4X2A	Poisoning by iron and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.4X2D	Poisoning by iron and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.4X2S	Poisoning by iron and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.4X3A	Poisoning by iron and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T45.4X4A	Poisoning by iron and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.511A	Poisoning by anticoagulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.512A	Poisoning by anticoagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.512D	Poisoning by anticoagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.512S	Poisoning by anticoagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.513A	Poisoning by anticoagulants, assault, initial encounter	Diagnosis	ICD-10-CM
T45.514A	Poisoning by anticoagulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.521A	Poisoning by antithrombotic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.522A	Poisoning by antithrombotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.522D	Poisoning by antithrombotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.522S	Poisoning by antithrombotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.523A	Poisoning by antithrombotic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.524A	Poisoning by antithrombotic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.601A	Poisoning by unspecified fibrinolysis-affecting drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.602A	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.602D	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.602S	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.603A	Poisoning by unspecified fibrinolysis-affecting drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.604A	Poisoning by unspecified fibrinolysis-affecting drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.611A	Poisoning by thrombolytic drug, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.612A	Poisoning by thrombolytic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T45.612D	Poisoning by thrombolytic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.612S	Poisoning by thrombolytic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.613A	Poisoning by thrombolytic drug, assault, initial encounter	Diagnosis	ICD-10-CM
T45.614A	Poisoning by thrombolytic drug, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.621A	Poisoning by hemostatic drug, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.622A	Poisoning by hemostatic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.622D	Poisoning by hemostatic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.622S	Poisoning by hemostatic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.623A	Poisoning by hemostatic drug, assault, initial encounter	Diagnosis	ICD-10-CM
T45.624A	Poisoning by hemostatic drug, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.691A	Poisoning by other fibrinolysis-affecting drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.692A	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.692D	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.692S	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.693A	Poisoning by other fibrinolysis-affecting drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.694A	Poisoning by other fibrinolysis-affecting drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.7X1A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.7X2A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.7X2D	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.7X2S	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.7X3A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, assault, initial encounter	Diagnosis	ICD-10-CM
T45.7X4A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.8X1A	Poisoning by other primarily systemic and hematological agents, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.8X2A	Poisoning by other primarily systemic and hematological agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.8X2D	Poisoning by other primarily systemic and hematological agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T45.8X2S	Poisoning by other primarily systemic and hematological agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.8X3A	Poisoning by other primarily systemic and hematological agents, assault, initial encounter	Diagnosis	ICD-10-CM
T45.8X4A	Poisoning by other primarily systemic and hematological agents, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.91XA	Poisoning by unspecified primarily systemic and hematological agent, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.92XA	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.92XD	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.92XS	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.93XA	Poisoning by unspecified primarily systemic and hematological agent, assault, initial encounter	Diagnosis	ICD-10-CM
T45.94XA	Poisoning by unspecified primarily systemic and hematological agent, undetermined, initial encounter	Diagnosis	ICD-10-CM
T46.0X2A	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.0X2D	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.0X2S	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.1X2A	Poisoning by calcium-channel blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.1X2D	Poisoning by calcium-channel blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.1X2S	Poisoning by calcium-channel blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.2X2A	Poisoning by other antidysrhythmic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.2X2D	Poisoning by other antidysrhythmic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.2X2S	Poisoning by other antidysrhythmic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.3X2A	Poisoning by coronary vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.3X2D	Poisoning by coronary vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.3X2S	Poisoning by coronary vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.4X2A	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T46.4X2D	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.4X2S	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.5X2A	Poisoning by other antihypertensive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.5X2D	Poisoning by other antihypertensive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.5X2S	Poisoning by other antihypertensive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.6X2A	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.6X2D	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.6X2S	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.7X2A	Poisoning by peripheral vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.7X2D	Poisoning by peripheral vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.7X2S	Poisoning by peripheral vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.8X2A	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.8X2D	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.8X2S	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.902A	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.902D	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.902S	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.992A	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.992D	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.992S	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.0X2A	Poisoning by histamine H2-receptor blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T47.0X2D	Poisoning by histamine H2-receptor blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.0X2S	Poisoning by histamine H2-receptor blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.1X2A	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.1X2D	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.1X2S	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.2X2A	Poisoning by stimulant laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.2X2D	Poisoning by stimulant laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.2X2S	Poisoning by stimulant laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.3X2A	Poisoning by saline and osmotic laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.3X2D	Poisoning by saline and osmotic laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.3X2S	Poisoning by saline and osmotic laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.4X2A	Poisoning by other laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.4X2D	Poisoning by other laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.4X2S	Poisoning by other laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.5X2A	Poisoning by digestants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.5X2D	Poisoning by digestants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.5X2S	Poisoning by digestants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.6X2A	Poisoning by antidiarrheal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.6X2D	Poisoning by antidiarrheal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.6X2S	Poisoning by antidiarrheal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.7X2A	Poisoning by emetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.7X2D	Poisoning by emetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.7X2S	Poisoning by emetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.8X2A	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.8X2D	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T47.8X2S	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.92XA	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.92XD	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.92XS	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.0X2A	Poisoning by oxytocic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.0X2D	Poisoning by oxytocic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.0X2S	Poisoning by oxytocic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.1X2A	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.1X2D	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.1X2S	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.202A	Poisoning by unspecified drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.202D	Poisoning by unspecified drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.202S	Poisoning by unspecified drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.292A	Poisoning by other drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.292D	Poisoning by other drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.292S	Poisoning by other drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.3X2A	Poisoning by antitussives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.3X2D	Poisoning by antitussives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.3X2S	Poisoning by antitussives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.4X2A	Poisoning by expectorants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.4X2D	Poisoning by expectorants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.4X2S	Poisoning by expectorants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.5X2A	Poisoning by other anti-common-cold drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.5X2D	Poisoning by other anti-common-cold drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T48.5X2S	Poisoning by other anti-common-cold drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.6X2A	Poisoning by antiasthmatics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.6X2D	Poisoning by antiasthmatics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.6X2S	Poisoning by antiasthmatics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.902A	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.902D	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.902S	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.992A	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.992D	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.992S	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.0X2A	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.0X2D	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.0X2S	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.1X2A	Poisoning by antipruritics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.1X2D	Poisoning by antipruritics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.1X2S	Poisoning by antipruritics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.2X2A	Poisoning by local astringents and local detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.2X2D	Poisoning by local astringents and local detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.2X2S	Poisoning by local astringents and local detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.3X2A	Poisoning by emollients, demulcents and protectants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.3X2D	Poisoning by emollients, demulcents and protectants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.3X2S	Poisoning by emollients, demulcents and protectants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.4X2A	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T49.4X2D	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.4X2S	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.5X2A	Poisoning by ophthalmological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.5X2D	Poisoning by ophthalmological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.5X2S	Poisoning by ophthalmological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.6X2A	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.6X2D	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.6X2S	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.7X2A	Poisoning by dental drugs, topically applied, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.7X2D	Poisoning by dental drugs, topically applied, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.7X2S	Poisoning by dental drugs, topically applied, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.8X2A	Poisoning by other topical agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.8X2D	Poisoning by other topical agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.8X2S	Poisoning by other topical agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.92XA	Poisoning by unspecified topical agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.92XD	Poisoning by unspecified topical agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.92XS	Poisoning by unspecified topical agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.0X1A	Poisoning by mineralocorticoids and their antagonists, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T50.0X2A	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.0X2D	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.0X2S	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.0X3A	Poisoning by mineralocorticoids and their antagonists, assault, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T50.0X4A	Poisoning by mineralocorticoids and their antagonists, undetermined, initial encounter	Diagnosis	ICD-10-CM
T50.1X2A	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.1X2D	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.1X2S	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.2X2A	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.2X2D	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.2X2S	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.3X2A	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.3X2D	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.3X2S	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.4X2A	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.4X2D	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.4X2S	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.5X2A	Poisoning by appetite depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.5X2D	Poisoning by appetite depressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.5X2S	Poisoning by appetite depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.6X2A	Poisoning by antidotes and chelating agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.6X2D	Poisoning by antidotes and chelating agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.6X2S	Poisoning by antidotes and chelating agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.7X2A	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.7X2D	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.7X2S	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T50.8X2A	Poisoning by diagnostic agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.8X2D	Poisoning by diagnostic agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.8X2S	Poisoning by diagnostic agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.902A	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.902D	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.902S	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.992A	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.992D	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.992S	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A12A	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A12D	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A12S	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A22A	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A22D	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A22S	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A92A	Poisoning by other bacterial vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A92D	Poisoning by other bacterial vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A92S	Poisoning by other bacterial vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B12A	Poisoning by smallpox vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.B12D	Poisoning by smallpox vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.B12S	Poisoning by smallpox vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B92A	Poisoning by other viral vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T50.B92D	Poisoning by other viral vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.B92S	Poisoning by other viral vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z11A	Poisoning by immunoglobulin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T50.Z12A	Poisoning by immunoglobulin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z12D	Poisoning by immunoglobulin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z12S	Poisoning by immunoglobulin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z13A	Poisoning by immunoglobulin, assault, initial encounter	Diagnosis	ICD-10-CM
T50.Z14A	Poisoning by immunoglobulin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T50.Z92A	Poisoning by other vaccines and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z92D	Poisoning by other vaccines and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z92S	Poisoning by other vaccines and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.0X2D	Toxic effect of ethanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X2S	Toxic effect of ethanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.1X1A	Toxic effect of methanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.1X2A	Toxic effect of methanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.1X2D	Toxic effect of methanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.1X2S	Toxic effect of methanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.1X3A	Toxic effect of methanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.1X4A	Toxic effect of methanol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.2X1A	Toxic effect of 2-Propanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.2X2A	Toxic effect of 2-Propanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.2X2D	Toxic effect of 2-Propanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.2X2S	Toxic effect of 2-Propanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.2X3A	Toxic effect of 2-Propanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.2X4A	Toxic effect of 2-Propanol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.3X1A	Toxic effect of fusel oil, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.3X2A	Toxic effect of fusel oil, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.3X2D	Toxic effect of fusel oil, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.3X2S	Toxic effect of fusel oil, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.3X3A	Toxic effect of fusel oil, assault, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T51.3X4A	Toxic effect of fusel oil, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.8X1A	Toxic effect of other alcohols, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.8X2A	Toxic effect of other alcohols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.8X2D	Toxic effect of other alcohols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.8X2S	Toxic effect of other alcohols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.8X3A	Toxic effect of other alcohols, assault, initial encounter	Diagnosis	ICD-10-CM
T51.8X4A	Toxic effect of other alcohols, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.91XA	Toxic effect of unspecified alcohol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.92XA	Toxic effect of unspecified alcohol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.92XD	Toxic effect of unspecified alcohol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.92XS	Toxic effect of unspecified alcohol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.93XA	Toxic effect of unspecified alcohol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.94XA	Toxic effect of unspecified alcohol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.0X1A	Toxic effect of petroleum products, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.0X2A	Toxic effect of petroleum products, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.0X2D	Toxic effect of petroleum products, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.0X2S	Toxic effect of petroleum products, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.0X3A	Toxic effect of petroleum products, assault, initial encounter	Diagnosis	ICD-10-CM
T52.0X4A	Toxic effect of petroleum products, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.1X1A	Toxic effect of benzene, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.1X2A	Toxic effect of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.1X2D	Toxic effect of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.1X2S	Toxic effect of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.1X3A	Toxic effect of benzene, assault, initial encounter	Diagnosis	ICD-10-CM
T52.1X4A	Toxic effect of benzene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.2X1A	Toxic effect of homologues of benzene, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.2X2A	Toxic effect of homologues of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.2X2D	Toxic effect of homologues of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T52.2X2S	Toxic effect of homologues of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.2X3A	Toxic effect of homologues of benzene, assault, initial encounter	Diagnosis	ICD-10-CM
T52.2X4A	Toxic effect of homologues of benzene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.3X1A	Toxic effect of glycols, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.3X2A	Toxic effect of glycols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.3X2D	Toxic effect of glycols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.3X2S	Toxic effect of glycols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.3X3A	Toxic effect of glycols, assault, initial encounter	Diagnosis	ICD-10-CM
T52.3X4A	Toxic effect of glycols, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.4X1A	Toxic effect of ketones, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.4X2A	Toxic effect of ketones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.4X2D	Toxic effect of ketones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.4X2S	Toxic effect of ketones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.4X3A	Toxic effect of ketones, assault, initial encounter	Diagnosis	ICD-10-CM
T52.4X4A	Toxic effect of ketones, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.8X1A	Toxic effect of other organic solvents, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.8X2A	Toxic effect of other organic solvents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.8X2D	Toxic effect of other organic solvents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.8X2S	Toxic effect of other organic solvents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.8X3A	Toxic effect of other organic solvents, assault, initial encounter	Diagnosis	ICD-10-CM
T52.8X4A	Toxic effect of other organic solvents, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.91XA	Toxic effect of unspecified organic solvent, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.92XA	Toxic effect of unspecified organic solvent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.92XD	Toxic effect of unspecified organic solvent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.92XS	Toxic effect of unspecified organic solvent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.93XA	Toxic effect of unspecified organic solvent, assault, initial encounter	Diagnosis	ICD-10-CM
T52.94XA	Toxic effect of unspecified organic solvent, undetermined, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T53.0X1A	Toxic effect of carbon tetrachloride, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.0X2A	Toxic effect of carbon tetrachloride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.0X2D	Toxic effect of carbon tetrachloride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.0X2S	Toxic effect of carbon tetrachloride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.0X3A	Toxic effect of carbon tetrachloride, assault, initial encounter	Diagnosis	ICD-10-CM
T53.0X4A	Toxic effect of carbon tetrachloride, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.1X1A	Toxic effect of chloroform, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.1X2A	Toxic effect of chloroform, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.1X2D	Toxic effect of chloroform, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.1X2S	Toxic effect of chloroform, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.1X3A	Toxic effect of chloroform, assault, initial encounter	Diagnosis	ICD-10-CM
T53.1X4A	Toxic effect of chloroform, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.2X1A	Toxic effect of trichloroethylene, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.2X2A	Toxic effect of trichloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.2X2D	Toxic effect of trichloroethylene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.2X2S	Toxic effect of trichloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.2X3A	Toxic effect of trichloroethylene, assault, initial encounter	Diagnosis	ICD-10-CM
T53.2X4A	Toxic effect of trichloroethylene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.3X1A	Toxic effect of tetrachloroethylene, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.3X2A	Toxic effect of tetrachloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.3X2D	Toxic effect of tetrachloroethylene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.3X2S	Toxic effect of tetrachloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.3X3A	Toxic effect of tetrachloroethylene, assault, initial encounter	Diagnosis	ICD-10-CM
T53.3X4A	Toxic effect of tetrachloroethylene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.4X1A	Toxic effect of dichloromethane, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.4X2A	Toxic effect of dichloromethane, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.4X2D	Toxic effect of dichloromethane, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.4X2S	Toxic effect of dichloromethane, intentional self-harm, sequela	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T53.4X3A	Toxic effect of dichloromethane, assault, initial encounter	Diagnosis	ICD-10-CM
T53.4X4A	Toxic effect of dichloromethane, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.5X1A	Toxic effect of chlorofluorocarbons, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.5X2A	Toxic effect of chlorofluorocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.5X2D	Toxic effect of chlorofluorocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.5X2S	Toxic effect of chlorofluorocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.5X3A	Toxic effect of chlorofluorocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.5X4A	Toxic effect of chlorofluorocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.6X1A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.6X2A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.6X2D	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.6X2S	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.6X3A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.6X4A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.7X1A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.7X2A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.7X2D	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.7X2S	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.7X3A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.7X4A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.91XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.92XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.92XD	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T53.92XS	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.93XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.94XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.0X1A	Toxic effect of phenol and phenol homologues, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.0X2A	Toxic effect of phenol and phenol homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.0X2D	Toxic effect of phenol and phenol homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.0X2S	Toxic effect of phenol and phenol homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.0X3A	Toxic effect of phenol and phenol homologues, assault, initial encounter	Diagnosis	ICD-10-CM
T54.0X4A	Toxic effect of phenol and phenol homologues, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.1X1A	Toxic effect of other corrosive organic compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.1X2A	Toxic effect of other corrosive organic compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.1X2D	Toxic effect of other corrosive organic compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.1X2S	Toxic effect of other corrosive organic compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.1X3A	Toxic effect of other corrosive organic compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T54.1X4A	Toxic effect of other corrosive organic compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.2X1A	Toxic effect of corrosive acids and acid-like substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.2X2A	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.2X2D	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.2X2S	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.2X3A	Toxic effect of corrosive acids and acid-like substances, assault, initial encounter	Diagnosis	ICD-10-CM
T54.2X4A	Toxic effect of corrosive acids and acid-like substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.3X1A	Toxic effect of corrosive alkalis and alkali-like substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T54.3X2A	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.3X2D	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.3X2S	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.3X3A	Toxic effect of corrosive alkalis and alkali-like substances, assault, initial encounter	Diagnosis	ICD-10-CM
T54.3X4A	Toxic effect of corrosive alkalis and alkali-like substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.91XA	Toxic effect of unspecified corrosive substance, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.92XA	Toxic effect of unspecified corrosive substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.92XD	Toxic effect of unspecified corrosive substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.92XS	Toxic effect of unspecified corrosive substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.93XA	Toxic effect of unspecified corrosive substance, assault, initial encounter	Diagnosis	ICD-10-CM
T54.94XA	Toxic effect of unspecified corrosive substance, undetermined, initial encounter	Diagnosis	ICD-10-CM
T55.0X1A	Toxic effect of soaps, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T55.0X2A	Toxic effect of soaps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.0X2D	Toxic effect of soaps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.0X2S	Toxic effect of soaps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.0X3A	Toxic effect of soaps, assault, initial encounter	Diagnosis	ICD-10-CM
T55.0X4A	Toxic effect of soaps, undetermined, initial encounter	Diagnosis	ICD-10-CM
T55.1X1A	Toxic effect of detergents, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T55.1X2A	Toxic effect of detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.1X2D	Toxic effect of detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.1X2S	Toxic effect of detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.1X3A	Toxic effect of detergents, assault, initial encounter	Diagnosis	ICD-10-CM
T55.1X4A	Toxic effect of detergents, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.0X1A	Toxic effect of lead and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.0X2A	Toxic effect of lead and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.0X2D	Toxic effect of lead and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.0X2S	Toxic effect of lead and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T56.0X3A	Toxic effect of lead and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.0X4A	Toxic effect of lead and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.1X1A	Toxic effect of mercury and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.1X2A	Toxic effect of mercury and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.1X2D	Toxic effect of mercury and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.1X2S	Toxic effect of mercury and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.1X3A	Toxic effect of mercury and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.1X4A	Toxic effect of mercury and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.2X1A	Toxic effect of chromium and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.2X2A	Toxic effect of chromium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.2X2D	Toxic effect of chromium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.2X2S	Toxic effect of chromium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.2X3A	Toxic effect of chromium and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.2X4A	Toxic effect of chromium and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.3X1A	Toxic effect of cadmium and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.3X2A	Toxic effect of cadmium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.3X2D	Toxic effect of cadmium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.3X2S	Toxic effect of cadmium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.3X3A	Toxic effect of cadmium and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.3X4A	Toxic effect of cadmium and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.4X1A	Toxic effect of copper and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.4X2A	Toxic effect of copper and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T56.4X2D	Toxic effect of copper and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.4X2S	Toxic effect of copper and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.4X3A	Toxic effect of copper and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.4X4A	Toxic effect of copper and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.5X1A	Toxic effect of zinc and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.5X2A	Toxic effect of zinc and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.5X2D	Toxic effect of zinc and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.5X2S	Toxic effect of zinc and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.5X3A	Toxic effect of zinc and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.5X4A	Toxic effect of zinc and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.6X1A	Toxic effect of tin and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.6X2A	Toxic effect of tin and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.6X2D	Toxic effect of tin and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.6X2S	Toxic effect of tin and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.6X3A	Toxic effect of tin and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.6X4A	Toxic effect of tin and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.7X1A	Toxic effect of beryllium and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.7X2A	Toxic effect of beryllium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.7X2D	Toxic effect of beryllium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.7X2S	Toxic effect of beryllium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.7X3A	Toxic effect of beryllium and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.7X4A	Toxic effect of beryllium and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.811A	Toxic effect of thallium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T56.812A	Toxic effect of thallium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.812D	Toxic effect of thallium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.812S	Toxic effect of thallium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.813A	Toxic effect of thallium, assault, initial encounter	Diagnosis	ICD-10-CM
T56.814A	Toxic effect of thallium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.891A	Toxic effect of other metals, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.892A	Toxic effect of other metals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.892D	Toxic effect of other metals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.892S	Toxic effect of other metals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.893A	Toxic effect of other metals, assault, initial encounter	Diagnosis	ICD-10-CM
T56.894A	Toxic effect of other metals, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.91XA	Toxic effect of unspecified metal, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.92XA	Toxic effect of unspecified metal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.92XD	Toxic effect of unspecified metal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.92XS	Toxic effect of unspecified metal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.93XA	Toxic effect of unspecified metal, assault, initial encounter	Diagnosis	ICD-10-CM
T56.94XA	Toxic effect of unspecified metal, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.0X1A	Toxic effect of arsenic and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.0X2A	Toxic effect of arsenic and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.0X2D	Toxic effect of arsenic and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.0X2S	Toxic effect of arsenic and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.0X3A	Toxic effect of arsenic and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T57.0X4A	Toxic effect of arsenic and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.1X1A	Toxic effect of phosphorus and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.1X2A	Toxic effect of phosphorus and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.1X2D	Toxic effect of phosphorus and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.1X2S	Toxic effect of phosphorus and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T57.1X3A	Toxic effect of phosphorus and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T57.1X4A	Toxic effect of phosphorus and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.2X1A	Toxic effect of manganese and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.2X2A	Toxic effect of manganese and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.2X2D	Toxic effect of manganese and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.2X2S	Toxic effect of manganese and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.2X3A	Toxic effect of manganese and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T57.2X4A	Toxic effect of manganese and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.3X1A	Toxic effect of hydrogen cyanide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.3X2A	Toxic effect of hydrogen cyanide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.3X2D	Toxic effect of hydrogen cyanide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.3X2S	Toxic effect of hydrogen cyanide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.3X3A	Toxic effect of hydrogen cyanide, assault, initial encounter	Diagnosis	ICD-10-CM
T57.3X4A	Toxic effect of hydrogen cyanide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.8X1A	Toxic effect of other specified inorganic substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.8X2A	Toxic effect of other specified inorganic substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.8X2D	Toxic effect of other specified inorganic substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.8X2S	Toxic effect of other specified inorganic substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.8X3A	Toxic effect of other specified inorganic substances, assault, initial encounter	Diagnosis	ICD-10-CM
T57.8X4A	Toxic effect of other specified inorganic substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.91XA	Toxic effect of unspecified inorganic substance, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.92XA	Toxic effect of unspecified inorganic substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.92XD	Toxic effect of unspecified inorganic substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T57.92XS	Toxic effect of unspecified inorganic substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.93XA	Toxic effect of unspecified inorganic substance, assault, initial encounter	Diagnosis	ICD-10-CM
T57.94XA	Toxic effect of unspecified inorganic substance, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.01XA	Toxic effect of carbon monoxide from motor vehicle exhaust, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.02XA	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.02XD	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.02XS	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.03XA	Toxic effect of carbon monoxide from motor vehicle exhaust, assault, initial encounter	Diagnosis	ICD-10-CM
T58.04XA	Toxic effect of carbon monoxide from motor vehicle exhaust, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.11XA	Toxic effect of carbon monoxide from utility gas, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.12XA	Toxic effect of carbon monoxide from utility gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.12XD	Toxic effect of carbon monoxide from utility gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.12XS	Toxic effect of carbon monoxide from utility gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.13XA	Toxic effect of carbon monoxide from utility gas, assault, initial encounter	Diagnosis	ICD-10-CM
T58.14XA	Toxic effect of carbon monoxide from utility gas, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.2X1A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.2X2A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.2X2D	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.2X2S	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.2X3A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, assault, initial encounter	Diagnosis	ICD-10-CM
T58.2X4A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.8X1A	Toxic effect of carbon monoxide from other source, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T58.8X2A	Toxic effect of carbon monoxide from other source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.8X2D	Toxic effect of carbon monoxide from other source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.8X2S	Toxic effect of carbon monoxide from other source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.8X3A	Toxic effect of carbon monoxide from other source, assault, initial encounter	Diagnosis	ICD-10-CM
T58.8X4A	Toxic effect of carbon monoxide from other source, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.91XA	Toxic effect of carbon monoxide from unspecified source, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.92XA	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.92XD	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.92XS	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.93XA	Toxic effect of carbon monoxide from unspecified source, assault, initial encounter	Diagnosis	ICD-10-CM
T58.94XA	Toxic effect of carbon monoxide from unspecified source, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.0X1A	Toxic effect of nitrogen oxides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.0X2A	Toxic effect of nitrogen oxides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.0X2D	Toxic effect of nitrogen oxides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.0X2S	Toxic effect of nitrogen oxides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.0X3A	Toxic effect of nitrogen oxides, assault, initial encounter	Diagnosis	ICD-10-CM
T59.0X4A	Toxic effect of nitrogen oxides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.1X1A	Toxic effect of sulfur dioxide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.1X2A	Toxic effect of sulfur dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.1X2D	Toxic effect of sulfur dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.1X2S	Toxic effect of sulfur dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.1X3A	Toxic effect of sulfur dioxide, assault, initial encounter	Diagnosis	ICD-10-CM
T59.1X4A	Toxic effect of sulfur dioxide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.2X1A	Toxic effect of formaldehyde, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.2X2A	Toxic effect of formaldehyde, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T59.2X2D	Toxic effect of formaldehyde, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.2X2S	Toxic effect of formaldehyde, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.2X3A	Toxic effect of formaldehyde, assault, initial encounter	Diagnosis	ICD-10-CM
T59.2X4A	Toxic effect of formaldehyde, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.3X1A	Toxic effect of lacrimogenic gas, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.3X2A	Toxic effect of lacrimogenic gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.3X2D	Toxic effect of lacrimogenic gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.3X2S	Toxic effect of lacrimogenic gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.3X3A	Toxic effect of lacrimogenic gas, assault, initial encounter	Diagnosis	ICD-10-CM
T59.3X4A	Toxic effect of lacrimogenic gas, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.4X1A	Toxic effect of chlorine gas, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.4X2A	Toxic effect of chlorine gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.4X2D	Toxic effect of chlorine gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.4X2S	Toxic effect of chlorine gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.4X3A	Toxic effect of chlorine gas, assault, initial encounter	Diagnosis	ICD-10-CM
T59.4X4A	Toxic effect of chlorine gas, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.5X1A	Toxic effect of fluorine gas and hydrogen fluoride, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.5X2A	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.5X2D	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.5X2S	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.5X3A	Toxic effect of fluorine gas and hydrogen fluoride, assault, initial encounter	Diagnosis	ICD-10-CM
T59.5X4A	Toxic effect of fluorine gas and hydrogen fluoride, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.6X1A	Toxic effect of hydrogen sulfide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.6X2A	Toxic effect of hydrogen sulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.6X2D	Toxic effect of hydrogen sulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.6X2S	Toxic effect of hydrogen sulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.6X3A	Toxic effect of hydrogen sulfide, assault, initial encounter	Diagnosis	ICD-10-CM
T59.6X4A	Toxic effect of hydrogen sulfide, undetermined, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T59.7X1A	Toxic effect of carbon dioxide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.7X2A	Toxic effect of carbon dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.7X2D	Toxic effect of carbon dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.7X2S	Toxic effect of carbon dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.7X3A	Toxic effect of carbon dioxide, assault, initial encounter	Diagnosis	ICD-10-CM
T59.7X4A	Toxic effect of carbon dioxide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.811A	Toxic effect of smoke, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.812A	Toxic effect of smoke, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.812D	Toxic effect of smoke, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.812S	Toxic effect of smoke, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.813A	Toxic effect of smoke, assault, initial encounter	Diagnosis	ICD-10-CM
T59.814A	Toxic effect of smoke, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.891A	Toxic effect of other specified gases, fumes and vapors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.892A	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.892D	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.892S	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.893A	Toxic effect of other specified gases, fumes and vapors, assault, initial encounter	Diagnosis	ICD-10-CM
T59.894A	Toxic effect of other specified gases, fumes and vapors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.91XA	Toxic effect of unspecified gases, fumes and vapors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.92XA	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.92XD	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.92XS	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.93XA	Toxic effect of unspecified gases, fumes and vapors, assault, initial encounter	Diagnosis	ICD-10-CM
T59.94XA	Toxic effect of unspecified gases, fumes and vapors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.0X1A	Toxic effect of organophosphate and carbamate insecticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.0X2A	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T60.0X2D	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.0X2S	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.0X3A	Toxic effect of organophosphate and carbamate insecticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.0X4A	Toxic effect of organophosphate and carbamate insecticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.1X1A	Toxic effect of halogenated insecticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.1X2A	Toxic effect of halogenated insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.1X2D	Toxic effect of halogenated insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.1X2S	Toxic effect of halogenated insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.1X3A	Toxic effect of halogenated insecticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.1X4A	Toxic effect of halogenated insecticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.2X1A	Toxic effect of other insecticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.2X2A	Toxic effect of other insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.2X2D	Toxic effect of other insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.2X2S	Toxic effect of other insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.2X3A	Toxic effect of other insecticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.2X4A	Toxic effect of other insecticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.3X1A	Toxic effect of herbicides and fungicides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.3X2A	Toxic effect of herbicides and fungicides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.3X2D	Toxic effect of herbicides and fungicides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.3X2S	Toxic effect of herbicides and fungicides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.3X3A	Toxic effect of herbicides and fungicides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.3X4A	Toxic effect of herbicides and fungicides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.4X1A	Toxic effect of rodenticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.4X2A	Toxic effect of rodenticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T60.4X2D	Toxic effect of rodenticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.4X2S	Toxic effect of rodenticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.4X3A	Toxic effect of rodenticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.4X4A	Toxic effect of rodenticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.8X1A	Toxic effect of other pesticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.8X2A	Toxic effect of other pesticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.8X2D	Toxic effect of other pesticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.8X2S	Toxic effect of other pesticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.8X3A	Toxic effect of other pesticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.8X4A	Toxic effect of other pesticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.91XA	Toxic effect of unspecified pesticide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.92XA	Toxic effect of unspecified pesticide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.92XD	Toxic effect of unspecified pesticide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.92XS	Toxic effect of unspecified pesticide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.93XA	Toxic effect of unspecified pesticide, assault, initial encounter	Diagnosis	ICD-10-CM
T60.94XA	Toxic effect of unspecified pesticide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.01XA	Ciguatera fish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.02XA	Ciguatera fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.02XD	Ciguatera fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.02XS	Ciguatera fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.03XA	Ciguatera fish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.04XA	Ciguatera fish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.11XA	Scombroid fish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.12XA	Scombroid fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.12XD	Scombroid fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.12XS	Scombroid fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.13XA	Scombroid fish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.14XA	Scombroid fish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.771A	Other fish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.772A	Other fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.772D	Other fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.772S	Other fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T61.773A	Other fish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.774A	Other fish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.781A	Other shellfish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.782A	Other shellfish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.782D	Other shellfish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.782S	Other shellfish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.783A	Other shellfish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.784A	Other shellfish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.8X1A	Toxic effect of other seafood, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.8X2A	Toxic effect of other seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.8X2D	Toxic effect of other seafood, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.8X2S	Toxic effect of other seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.8X3A	Toxic effect of other seafood, assault, initial encounter	Diagnosis	ICD-10-CM
T61.8X4A	Toxic effect of other seafood, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.91XA	Toxic effect of unspecified seafood, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.92XA	Toxic effect of unspecified seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.92XD	Toxic effect of unspecified seafood, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.92XS	Toxic effect of unspecified seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.93XA	Toxic effect of unspecified seafood, assault, initial encounter	Diagnosis	ICD-10-CM
T61.94XA	Toxic effect of unspecified seafood, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.0X1A	Toxic effect of ingested mushrooms, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.0X2A	Toxic effect of ingested mushrooms, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.0X2D	Toxic effect of ingested mushrooms, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.0X2S	Toxic effect of ingested mushrooms, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.0X3A	Toxic effect of ingested mushrooms, assault, initial encounter	Diagnosis	ICD-10-CM
T62.0X4A	Toxic effect of ingested mushrooms, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.1X1A	Toxic effect of ingested berries, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.1X2A	Toxic effect of ingested berries, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T62.1X2D	Toxic effect of ingested berries, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.1X2S	Toxic effect of ingested berries, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.1X3A	Toxic effect of ingested berries, assault, initial encounter	Diagnosis	ICD-10-CM
T62.1X4A	Toxic effect of ingested berries, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.2X1A	Toxic effect of other ingested (parts of) plant(s), accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.2X2A	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.2X2D	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.2X2S	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.2X3A	Toxic effect of other ingested (parts of) plant(s), assault, initial encounter	Diagnosis	ICD-10-CM
T62.2X4A	Toxic effect of other ingested (parts of) plant(s), undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.8X1A	Toxic effect of other specified noxious substances eaten as food, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.8X2A	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.8X2D	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.8X2S	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.8X3A	Toxic effect of other specified noxious substances eaten as food, assault, initial encounter	Diagnosis	ICD-10-CM
T62.8X4A	Toxic effect of other specified noxious substances eaten as food, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.91XA	Toxic effect of unspecified noxious substance eaten as food, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.92XA	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.92XD	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.92XS	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.93XA	Toxic effect of unspecified noxious substance eaten as food, assault, initial encounter	Diagnosis	ICD-10-CM
T62.94XA	Toxic effect of unspecified noxious substance eaten as food, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.001A	Toxic effect of unspecified snake venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T63.002A	Toxic effect of unspecified snake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.002D	Toxic effect of unspecified snake venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.002S	Toxic effect of unspecified snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.003A	Toxic effect of unspecified snake venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.004A	Toxic effect of unspecified snake venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.011A	Toxic effect of rattlesnake venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.012A	Toxic effect of rattlesnake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.012D	Toxic effect of rattlesnake venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.012S	Toxic effect of rattlesnake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.013A	Toxic effect of rattlesnake venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.014A	Toxic effect of rattlesnake venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.021A	Toxic effect of coral snake venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.022A	Toxic effect of coral snake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.022D	Toxic effect of coral snake venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.022S	Toxic effect of coral snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.023A	Toxic effect of coral snake venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.024A	Toxic effect of coral snake venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.031A	Toxic effect of taipan venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.032A	Toxic effect of taipan venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.032D	Toxic effect of taipan venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.032S	Toxic effect of taipan venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.033A	Toxic effect of taipan venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.034A	Toxic effect of taipan venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.041A	Toxic effect of cobra venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.042A	Toxic effect of cobra venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.042D	Toxic effect of cobra venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.042S	Toxic effect of cobra venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.043A	Toxic effect of cobra venom, assault, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T63.044A	Toxic effect of cobra venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.061A	Toxic effect of venom of other North and South American snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.062A	Toxic effect of venom of other North and South American snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.062D	Toxic effect of venom of other North and South American snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.062S	Toxic effect of venom of other North and South American snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.063A	Toxic effect of venom of other North and South American snake, assault, initial encounter	Diagnosis	ICD-10-CM
T63.064A	Toxic effect of venom of other North and South American snake, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.071A	Toxic effect of venom of other Australian snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.072A	Toxic effect of venom of other Australian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.072D	Toxic effect of venom of other Australian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.072S	Toxic effect of venom of other Australian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.073A	Toxic effect of venom of other Australian snake, assault, initial encounter	Diagnosis	ICD-10-CM
T63.074A	Toxic effect of venom of other Australian snake, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.081A	Toxic effect of venom of other African and Asian snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.082A	Toxic effect of venom of other African and Asian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.082D	Toxic effect of venom of other African and Asian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.082S	Toxic effect of venom of other African and Asian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.083A	Toxic effect of venom of other African and Asian snake, assault, initial encounter	Diagnosis	ICD-10-CM
T63.084A	Toxic effect of venom of other African and Asian snake, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.091A	Toxic effect of venom of other snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.092A	Toxic effect of venom of other snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.092D	Toxic effect of venom of other snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T63.092S	Toxic effect of venom of other snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.093A	Toxic effect of venom of other snake, assault, initial encounter	Diagnosis	ICD-10-CM
T63.094A	Toxic effect of venom of other snake, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.111A	Toxic effect of venom of gila monster, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.112A	Toxic effect of venom of gila monster, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.112D	Toxic effect of venom of gila monster, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.112S	Toxic effect of venom of gila monster, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.113A	Toxic effect of venom of gila monster, assault, initial encounter	Diagnosis	ICD-10-CM
T63.114A	Toxic effect of venom of gila monster, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.121A	Toxic effect of venom of other venomous lizard, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.122A	Toxic effect of venom of other venomous lizard, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.122D	Toxic effect of venom of other venomous lizard, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.122S	Toxic effect of venom of other venomous lizard, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.123A	Toxic effect of venom of other venomous lizard, assault, initial encounter	Diagnosis	ICD-10-CM
T63.124A	Toxic effect of venom of other venomous lizard, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.191A	Toxic effect of venom of other reptiles, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.192A	Toxic effect of venom of other reptiles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.192D	Toxic effect of venom of other reptiles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.192S	Toxic effect of venom of other reptiles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.193A	Toxic effect of venom of other reptiles, assault, initial encounter	Diagnosis	ICD-10-CM
T63.194A	Toxic effect of venom of other reptiles, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.2X1A	Toxic effect of venom of scorpion, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.2X2A	Toxic effect of venom of scorpion, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T63.2X2D	Toxic effect of venom of scorpion, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.2X2S	Toxic effect of venom of scorpion, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.2X3A	Toxic effect of venom of scorpion, assault, initial encounter	Diagnosis	ICD-10-CM
T63.2X4A	Toxic effect of venom of scorpion, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.301A	Toxic effect of unspecified spider venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.302A	Toxic effect of unspecified spider venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.302D	Toxic effect of unspecified spider venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.302S	Toxic effect of unspecified spider venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.303A	Toxic effect of unspecified spider venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.304A	Toxic effect of unspecified spider venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.311A	Toxic effect of venom of black widow spider, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.312A	Toxic effect of venom of black widow spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.312D	Toxic effect of venom of black widow spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.312S	Toxic effect of venom of black widow spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.313A	Toxic effect of venom of black widow spider, assault, initial encounter	Diagnosis	ICD-10-CM
T63.314A	Toxic effect of venom of black widow spider, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.321A	Toxic effect of venom of tarantula, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.322A	Toxic effect of venom of tarantula, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.322D	Toxic effect of venom of tarantula, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.322S	Toxic effect of venom of tarantula, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.323A	Toxic effect of venom of tarantula, assault, initial encounter	Diagnosis	ICD-10-CM
T63.324A	Toxic effect of venom of tarantula, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.331A	Toxic effect of venom of brown recluse spider, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.332A	Toxic effect of venom of brown recluse spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.332D	Toxic effect of venom of brown recluse spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T63.332S	Toxic effect of venom of brown recluse spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.333A	Toxic effect of venom of brown recluse spider, assault, initial encounter	Diagnosis	ICD-10-CM
T63.334A	Toxic effect of venom of brown recluse spider, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.391A	Toxic effect of venom of other spider, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.392A	Toxic effect of venom of other spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.392D	Toxic effect of venom of other spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.392S	Toxic effect of venom of other spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.393A	Toxic effect of venom of other spider, assault, initial encounter	Diagnosis	ICD-10-CM
T63.394A	Toxic effect of venom of other spider, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.411A	Toxic effect of venom of centipedes and venomous millipedes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.412A	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.412D	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.412S	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.413A	Toxic effect of venom of centipedes and venomous millipedes, assault, initial encounter	Diagnosis	ICD-10-CM
T63.414A	Toxic effect of venom of centipedes and venomous millipedes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.421A	Toxic effect of venom of ants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.422A	Toxic effect of venom of ants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.422D	Toxic effect of venom of ants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.422S	Toxic effect of venom of ants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.423A	Toxic effect of venom of ants, assault, initial encounter	Diagnosis	ICD-10-CM
T63.424A	Toxic effect of venom of ants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.431A	Toxic effect of venom of caterpillars, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.432A	Toxic effect of venom of caterpillars, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.432D	Toxic effect of venom of caterpillars, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T63.432S	Toxic effect of venom of caterpillars, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.433A	Toxic effect of venom of caterpillars, assault, initial encounter	Diagnosis	ICD-10-CM
T63.434A	Toxic effect of venom of caterpillars, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.441A	Toxic effect of venom of bees, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.442A	Toxic effect of venom of bees, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.442D	Toxic effect of venom of bees, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.442S	Toxic effect of venom of bees, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.443A	Toxic effect of venom of bees, assault, initial encounter	Diagnosis	ICD-10-CM
T63.444A	Toxic effect of venom of bees, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.451A	Toxic effect of venom of hornets, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.452A	Toxic effect of venom of hornets, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.452D	Toxic effect of venom of hornets, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.452S	Toxic effect of venom of hornets, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.453A	Toxic effect of venom of hornets, assault, initial encounter	Diagnosis	ICD-10-CM
T63.454A	Toxic effect of venom of hornets, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.461A	Toxic effect of venom of wasps, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.462A	Toxic effect of venom of wasps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.462D	Toxic effect of venom of wasps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.462S	Toxic effect of venom of wasps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.463A	Toxic effect of venom of wasps, assault, initial encounter	Diagnosis	ICD-10-CM
T63.464A	Toxic effect of venom of wasps, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.481A	Toxic effect of venom of other arthropod, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.482A	Toxic effect of venom of other arthropod, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.482D	Toxic effect of venom of other arthropod, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.482S	Toxic effect of venom of other arthropod, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.483A	Toxic effect of venom of other arthropod, assault, initial encounter	Diagnosis	ICD-10-CM
T63.484A	Toxic effect of venom of other arthropod, undetermined, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T63.511A	Toxic effect of contact with stingray, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.512A	Toxic effect of contact with stingray, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.512D	Toxic effect of contact with stingray, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.512S	Toxic effect of contact with stingray, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.513A	Toxic effect of contact with stingray, assault, initial encounter	Diagnosis	ICD-10-CM
T63.514A	Toxic effect of contact with stingray, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.591A	Toxic effect of contact with other venomous fish, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.592A	Toxic effect of contact with other venomous fish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.592D	Toxic effect of contact with other venomous fish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.592S	Toxic effect of contact with other venomous fish, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.593A	Toxic effect of contact with other venomous fish, assault, initial encounter	Diagnosis	ICD-10-CM
T63.594A	Toxic effect of contact with other venomous fish, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.611A	Toxic effect of contact with Portuguese Man-o-war, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.612A	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.612D	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.612S	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.613A	Toxic effect of contact with Portuguese Man-o-war, assault, initial encounter	Diagnosis	ICD-10-CM
T63.614A	Toxic effect of contact with Portuguese Man-o-war, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.621A	Toxic effect of contact with other jellyfish, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.622A	Toxic effect of contact with other jellyfish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.622D	Toxic effect of contact with other jellyfish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.622S	Toxic effect of contact with other jellyfish, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.623A	Toxic effect of contact with other jellyfish, assault, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T63.624A	Toxic effect of contact with other jellyfish, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.631A	Toxic effect of contact with sea anemone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.632A	Toxic effect of contact with sea anemone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.632D	Toxic effect of contact with sea anemone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.632S	Toxic effect of contact with sea anemone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.633A	Toxic effect of contact with sea anemone, assault, initial encounter	Diagnosis	ICD-10-CM
T63.634A	Toxic effect of contact with sea anemone, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.691A	Toxic effect of contact with other venomous marine animals, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.692A	Toxic effect of contact with other venomous marine animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.692D	Toxic effect of contact with other venomous marine animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.692S	Toxic effect of contact with other venomous marine animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.693A	Toxic effect of contact with other venomous marine animals, assault, initial encounter	Diagnosis	ICD-10-CM
T63.694A	Toxic effect of contact with other venomous marine animals, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.711A	Toxic effect of contact with venomous marine plant, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.712A	Toxic effect of contact with venomous marine plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.712D	Toxic effect of contact with venomous marine plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.712S	Toxic effect of contact with venomous marine plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.713A	Toxic effect of contact with venomous marine plant, assault, initial encounter	Diagnosis	ICD-10-CM
T63.714A	Toxic effect of contact with venomous marine plant, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.791A	Toxic effect of contact with other venomous plant, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.792A	Toxic effect of contact with other venomous plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.792D	Toxic effect of contact with other venomous plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T63.792S	Toxic effect of contact with other venomous plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.793A	Toxic effect of contact with other venomous plant, assault, initial encounter	Diagnosis	ICD-10-CM
T63.794A	Toxic effect of contact with other venomous plant, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.811A	Toxic effect of contact with venomous frog, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.812A	Toxic effect of contact with venomous frog, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.812D	Toxic effect of contact with venomous frog, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.812S	Toxic effect of contact with venomous frog, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.813A	Toxic effect of contact with venomous frog, assault, initial encounter	Diagnosis	ICD-10-CM
T63.814A	Toxic effect of contact with venomous frog, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.821A	Toxic effect of contact with venomous toad, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.822A	Toxic effect of contact with venomous toad, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.822D	Toxic effect of contact with venomous toad, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.822S	Toxic effect of contact with venomous toad, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.823A	Toxic effect of contact with venomous toad, assault, initial encounter	Diagnosis	ICD-10-CM
T63.824A	Toxic effect of contact with venomous toad, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.831A	Toxic effect of contact with other venomous amphibian, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.832A	Toxic effect of contact with other venomous amphibian, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.832D	Toxic effect of contact with other venomous amphibian, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.832S	Toxic effect of contact with other venomous amphibian, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.833A	Toxic effect of contact with other venomous amphibian, assault, initial encounter	Diagnosis	ICD-10-CM
T63.834A	Toxic effect of contact with other venomous amphibian, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.891A	Toxic effect of contact with other venomous animals, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T63.892A	Toxic effect of contact with other venomous animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.892D	Toxic effect of contact with other venomous animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.892S	Toxic effect of contact with other venomous animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.893A	Toxic effect of contact with other venomous animals, assault, initial encounter	Diagnosis	ICD-10-CM
T63.894A	Toxic effect of contact with other venomous animals, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.91XA	Toxic effect of contact with unspecified venomous animal, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.92XA	Toxic effect of contact with unspecified venomous animal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.92XD	Toxic effect of contact with unspecified venomous animal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.92XS	Toxic effect of contact with unspecified venomous animal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.93XA	Toxic effect of contact with unspecified venomous animal, assault, initial encounter	Diagnosis	ICD-10-CM
T63.94XA	Toxic effect of contact with unspecified venomous animal, undetermined, initial encounter	Diagnosis	ICD-10-CM
T64.01XA	Toxic effect of aflatoxin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T64.02XA	Toxic effect of aflatoxin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.02XD	Toxic effect of aflatoxin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T64.02XS	Toxic effect of aflatoxin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T64.03XA	Toxic effect of aflatoxin, assault, initial encounter	Diagnosis	ICD-10-CM
T64.04XA	Toxic effect of aflatoxin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T64.81XA	Toxic effect of other mycotoxin food contaminants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T64.82XA	Toxic effect of other mycotoxin food contaminants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.82XD	Toxic effect of other mycotoxin food contaminants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T64.82XS	Toxic effect of other mycotoxin food contaminants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T64.83XA	Toxic effect of other mycotoxin food contaminants, assault, initial encounter	Diagnosis	ICD-10-CM
T64.84XA	Toxic effect of other mycotoxin food contaminants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.0X1A	Toxic effect of cyanides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T65.0X2A	Toxic effect of cyanides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.0X2D	Toxic effect of cyanides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.0X2S	Toxic effect of cyanides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.0X3A	Toxic effect of cyanides, assault, initial encounter	Diagnosis	ICD-10-CM
T65.0X4A	Toxic effect of cyanides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.1X1A	Toxic effect of strychnine and its salts, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.1X2A	Toxic effect of strychnine and its salts, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.1X2D	Toxic effect of strychnine and its salts, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.1X2S	Toxic effect of strychnine and its salts, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.1X3A	Toxic effect of strychnine and its salts, assault, initial encounter	Diagnosis	ICD-10-CM
T65.1X4A	Toxic effect of strychnine and its salts, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.212D	Toxic effect of chewing tobacco, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.212S	Toxic effect of chewing tobacco, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.222D	Toxic effect of tobacco cigarettes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.222S	Toxic effect of tobacco cigarettes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.292D	Toxic effect of other tobacco and nicotine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.292S	Toxic effect of other tobacco and nicotine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.3X1A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.3X2A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.3X2D	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.3X2S	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.3X3A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, assault, initial encounter	Diagnosis	ICD-10-CM
T65.3X4A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.4X1A	Toxic effect of carbon disulfide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.4X2A	Toxic effect of carbon disulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T65.4X2D	Toxic effect of carbon disulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.4X2S	Toxic effect of carbon disulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.4X3A	Toxic effect of carbon disulfide, assault, initial encounter	Diagnosis	ICD-10-CM
T65.4X4A	Toxic effect of carbon disulfide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.5X1A	Toxic effect of nitroglycerin and other nitric acids and esters, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.5X2A	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.5X2D	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.5X2S	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.5X3A	Toxic effect of nitroglycerin and other nitric acids and esters, assault, initial encounter	Diagnosis	ICD-10-CM
T65.5X4A	Toxic effect of nitroglycerin and other nitric acids and esters, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.6X1A	Toxic effect of paints and dyes, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.6X2A	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.6X2D	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.6X2S	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.6X3A	Toxic effect of paints and dyes, not elsewhere classified, assault, initial encounter	Diagnosis	ICD-10-CM
T65.6X4A	Toxic effect of paints and dyes, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.811A	Toxic effect of latex, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.812A	Toxic effect of latex, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.812D	Toxic effect of latex, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.812S	Toxic effect of latex, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.813A	Toxic effect of latex, assault, initial encounter	Diagnosis	ICD-10-CM
T65.814A	Toxic effect of latex, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.821A	Toxic effect of harmful algae and algae toxins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.822A	Toxic effect of harmful algae and algae toxins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.822D	Toxic effect of harmful algae and algae toxins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.822S	Toxic effect of harmful algae and algae toxins, intentional self-harm, sequela	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
T65.823A	Toxic effect of harmful algae and algae toxins, assault, initial encounter	Diagnosis	ICD-10-CM
T65.824A	Toxic effect of harmful algae and algae toxins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.831A	Toxic effect of fiberglass, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.832A	Toxic effect of fiberglass, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.832D	Toxic effect of fiberglass, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.832S	Toxic effect of fiberglass, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.833A	Toxic effect of fiberglass, assault, initial encounter	Diagnosis	ICD-10-CM
T65.834A	Toxic effect of fiberglass, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.891A	Toxic effect of other specified substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.892A	Toxic effect of other specified substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.892D	Toxic effect of other specified substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.892S	Toxic effect of other specified substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.893A	Toxic effect of other specified substances, assault, initial encounter	Diagnosis	ICD-10-CM
T65.894A	Toxic effect of other specified substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.91XA	Toxic effect of unspecified substance, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.92XA	Toxic effect of unspecified substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.92XD	Toxic effect of unspecified substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.92XS	Toxic effect of unspecified substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.93XA	Toxic effect of unspecified substance, assault, initial encounter	Diagnosis	ICD-10-CM
T65.94XA	Toxic effect of unspecified substance, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.111A	Asphyxiation due to smothering under pillow, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.112A	Asphyxiation due to smothering under pillow, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.112D	Asphyxiation due to smothering under pillow, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.112S	Asphyxiation due to smothering under pillow, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T71.113A	Asphyxiation due to smothering under pillow, assault, initial encounter	Diagnosis	ICD-10-CM
T71.114A	Asphyxiation due to smothering under pillow, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.121A	Asphyxiation due to plastic bag, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.122A	Asphyxiation due to plastic bag, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.122D	Asphyxiation due to plastic bag, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.122S	Asphyxiation due to plastic bag, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.123A	Asphyxiation due to plastic bag, assault, initial encounter	Diagnosis	ICD-10-CM
T71.124A	Asphyxiation due to plastic bag, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.131A	Asphyxiation due to being trapped in bed linens, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.132A	Asphyxiation due to being trapped in bed linens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.132D	Asphyxiation due to being trapped in bed linens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.132S	Asphyxiation due to being trapped in bed linens, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.133A	Asphyxiation due to being trapped in bed linens, assault, initial encounter	Diagnosis	ICD-10-CM
T71.134A	Asphyxiation due to being trapped in bed linens, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.141A	Asphyxiation due to smothering under another person's body (in bed), accidental, initial encounter	Diagnosis	ICD-10-CM
T71.143A	Asphyxiation due to smothering under another person's body (in bed), assault, initial encounter	Diagnosis	ICD-10-CM
T71.144A	Asphyxiation due to smothering under another person's body (in bed), undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.151A	Asphyxiation due to smothering in furniture, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.152A	Asphyxiation due to smothering in furniture, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.152D	Asphyxiation due to smothering in furniture, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.152S	Asphyxiation due to smothering in furniture, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.153A	Asphyxiation due to smothering in furniture, assault, initial encounter	Diagnosis	ICD-10-CM
T71.154A	Asphyxiation due to smothering in furniture, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.161A	Asphyxiation due to hanging, accidental, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T71.162A	Asphyxiation due to hanging, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.162D	Asphyxiation due to hanging, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.162S	Asphyxiation due to hanging, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.163A	Asphyxiation due to hanging, assault, initial encounter	Diagnosis	ICD-10-CM
T71.164A	Asphyxiation due to hanging, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.191A	Asphyxiation due to mechanical threat to breathing due to other causes, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.192A	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.192D	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.192S	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.193A	Asphyxiation due to mechanical threat to breathing due to other causes, assault, initial encounter	Diagnosis	ICD-10-CM
T71.194A	Asphyxiation due to mechanical threat to breathing due to other causes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.20XA	Asphyxiation due to systemic oxygen deficiency due to low oxygen content in ambient air due to unspecified cause, initial encounter	Diagnosis	ICD-10-CM
T71.21XA	Asphyxiation due to cave-in or falling earth, initial encounter	Diagnosis	ICD-10-CM
T71.221A	Asphyxiation due to being trapped in a car trunk, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.222A	Asphyxiation due to being trapped in a car trunk, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.222D	Asphyxiation due to being trapped in a car trunk, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.222S	Asphyxiation due to being trapped in a car trunk, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.223A	Asphyxiation due to being trapped in a car trunk, assault, initial encounter	Diagnosis	ICD-10-CM
T71.224A	Asphyxiation due to being trapped in a car trunk, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.231A	Asphyxiation due to being trapped in a (discarded) refrigerator, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.232A	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.232D	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.232S	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.233A	Asphyxiation due to being trapped in a (discarded) refrigerator, assault, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T71.234A	Asphyxiation due to being trapped in a (discarded) refrigerator, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.29XA	Asphyxiation due to being trapped in other low oxygen environment, initial encounter	Diagnosis	ICD-10-CM
T71.9XXA	Asphyxiation due to unspecified cause, initial encounter	Diagnosis	ICD-10-CM
T78.1XXA	Other adverse food reactions, not elsewhere classified, initial encounter	Diagnosis	ICD-10-CM
X71.0XXA	Intentional self-harm by drowning and submersion while in bathtub, initial encounter	Diagnosis	ICD-10-CM
X71.0XXD	Intentional self-harm by drowning and submersion while in bathtub, subsequent encounter	Diagnosis	ICD-10-CM
X71.0XXS	Intentional self-harm by drowning and submersion while in bathtub, sequela	Diagnosis	ICD-10-CM
X71.1XXA	Intentional self-harm by drowning and submersion while in swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.1XXD	Intentional self-harm by drowning and submersion while in swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.1XXS	Intentional self-harm by drowning and submersion while in swimming pool, sequela	Diagnosis	ICD-10-CM
X71.2XXA	Intentional self-harm by drowning and submersion after jump into swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.2XXD	Intentional self-harm by drowning and submersion after jump into swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.2XXS	Intentional self-harm by drowning and submersion after jump into swimming pool, sequela	Diagnosis	ICD-10-CM
X71.3XXA	Intentional self-harm by drowning and submersion in natural water, initial encounter	Diagnosis	ICD-10-CM
X71.3XXD	Intentional self-harm by drowning and submersion in natural water, subsequent encounter	Diagnosis	ICD-10-CM
X71.3XXS	Intentional self-harm by drowning and submersion in natural water, sequela	Diagnosis	ICD-10-CM
X71.8XXA	Other intentional self-harm by drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
X71.8XXD	Other intentional self-harm by drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
X71.8XXS	Other intentional self-harm by drowning and submersion, sequela	Diagnosis	ICD-10-CM
X71.9XXA	Intentional self-harm by drowning and submersion, unspecified, initial encounter	Diagnosis	ICD-10-CM
X71.9XXD	Intentional self-harm by drowning and submersion, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
X71.9XXS	Intentional self-harm by drowning and submersion, unspecified, sequela	Diagnosis	ICD-10-CM
X72.XXXA	Intentional self-harm by handgun discharge, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
X72.XXXD	Intentional self-harm by handgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X72.XXXS	Intentional self-harm by handgun discharge, sequela	Diagnosis	ICD-10-CM
X73.0XXA	Intentional self-harm by shotgun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.0XXD	Intentional self-harm by shotgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.0XXS	Intentional self-harm by shotgun discharge, sequela	Diagnosis	ICD-10-CM
X73.1XXA	Intentional self-harm by hunting rifle discharge, initial encounter	Diagnosis	ICD-10-CM
X73.1XXD	Intentional self-harm by hunting rifle discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.1XXS	Intentional self-harm by hunting rifle discharge, sequela	Diagnosis	ICD-10-CM
X73.2XXA	Intentional self-harm by machine gun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.2XXD	Intentional self-harm by machine gun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.2XXS	Intentional self-harm by machine gun discharge, sequela	Diagnosis	ICD-10-CM
X73.8XXA	Intentional self-harm by other larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.8XXD	Intentional self-harm by other larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.8XXS	Intentional self-harm by other larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X73.9XXA	Intentional self-harm by unspecified larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.9XXD	Intentional self-harm by unspecified larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.9XXS	Intentional self-harm by unspecified larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X74.01XA	Intentional self-harm by airgun, initial encounter	Diagnosis	ICD-10-CM
X74.01XD	Intentional self-harm by airgun, subsequent encounter	Diagnosis	ICD-10-CM
X74.01XS	Intentional self-harm by airgun, sequela	Diagnosis	ICD-10-CM
X74.02XA	Intentional self-harm by paintball gun, initial encounter	Diagnosis	ICD-10-CM
X74.02XD	Intentional self-harm by paintball gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.02XS	Intentional self-harm by paintball gun, sequela	Diagnosis	ICD-10-CM
X74.09XA	Intentional self-harm by other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
X74.09XD	Intentional self-harm by other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.09XS	Intentional self-harm by other gas, air or spring-operated gun, sequela	Diagnosis	ICD-10-CM
X74.8XXA	Intentional self-harm by other firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.8XXD	Intentional self-harm by other firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.8XXS	Intentional self-harm by other firearm discharge, sequela	Diagnosis	ICD-10-CM
X74.9XXA	Intentional self-harm by unspecified firearm discharge, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
X74.9XXD	Intentional self-harm by unspecified firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.9XXS	Intentional self-harm by unspecified firearm discharge, sequela	Diagnosis	ICD-10-CM
X75.XXXA	Intentional self-harm by explosive material, initial encounter	Diagnosis	ICD-10-CM
X75.XXXD	Intentional self-harm by explosive material, subsequent encounter	Diagnosis	ICD-10-CM
X75.XXXS	Intentional self-harm by explosive material, sequela	Diagnosis	ICD-10-CM
X76.XXXA	Intentional self-harm by smoke, fire and flames, initial encounter	Diagnosis	ICD-10-CM
X76.XXXD	Intentional self-harm by smoke, fire and flames, subsequent encounter	Diagnosis	ICD-10-CM
X76.XXXS	Intentional self-harm by smoke, fire and flames, sequela	Diagnosis	ICD-10-CM
X77.0XXA	Intentional self-harm by steam or hot vapors, initial encounter	Diagnosis	ICD-10-CM
X77.0XXD	Intentional self-harm by steam or hot vapors, subsequent encounter	Diagnosis	ICD-10-CM
X77.0XXS	Intentional self-harm by steam or hot vapors, sequela	Diagnosis	ICD-10-CM
X77.1XXA	Intentional self-harm by hot tap water, initial encounter	Diagnosis	ICD-10-CM
X77.1XXD	Intentional self-harm by hot tap water, subsequent encounter	Diagnosis	ICD-10-CM
X77.1XXS	Intentional self-harm by hot tap water, sequela	Diagnosis	ICD-10-CM
X77.2XXA	Intentional self-harm by other hot fluids, initial encounter	Diagnosis	ICD-10-CM
X77.2XXD	Intentional self-harm by other hot fluids, subsequent encounter	Diagnosis	ICD-10-CM
X77.2XXS	Intentional self-harm by other hot fluids, sequela	Diagnosis	ICD-10-CM
X77.3XXA	Intentional self-harm by hot household appliances, initial encounter	Diagnosis	ICD-10-CM
X77.3XXD	Intentional self-harm by hot household appliances, subsequent encounter	Diagnosis	ICD-10-CM
X77.3XXS	Intentional self-harm by hot household appliances, sequela	Diagnosis	ICD-10-CM
X77.8XXA	Intentional self-harm by other hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.8XXD	Intentional self-harm by other hot objects, subsequent encounter	Diagnosis	ICD-10-CM
X77.8XXS	Intentional self-harm by other hot objects, sequela	Diagnosis	ICD-10-CM
X77.9XXA	Intentional self-harm by unspecified hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.9XXD	Intentional self-harm by unspecified hot objects, subsequent encounter	Diagnosis	ICD-10-CM
X77.9XXS	Intentional self-harm by unspecified hot objects, sequela	Diagnosis	ICD-10-CM
X78.0XXA	Intentional self-harm by sharp glass, initial encounter	Diagnosis	ICD-10-CM
X78.0XXD	Intentional self-harm by sharp glass, subsequent encounter	Diagnosis	ICD-10-CM
X78.0XXS	Intentional self-harm by sharp glass, sequela	Diagnosis	ICD-10-CM
X78.1XXA	Intentional self-harm by knife, initial encounter	Diagnosis	ICD-10-CM
X78.1XXD	Intentional self-harm by knife, subsequent encounter	Diagnosis	ICD-10-CM
X78.1XXS	Intentional self-harm by knife, sequela	Diagnosis	ICD-10-CM
X78.2XXA	Intentional self-harm by sword or dagger, initial encounter	Diagnosis	ICD-10-CM
X78.2XXD	Intentional self-harm by sword or dagger, subsequent encounter	Diagnosis	ICD-10-CM
X78.2XXS	Intentional self-harm by sword or dagger, sequela	Diagnosis	ICD-10-CM
X78.8XXA	Intentional self-harm by other sharp object, initial encounter	Diagnosis	ICD-10-CM
X78.8XXD	Intentional self-harm by other sharp object, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
X78.8XXS	Intentional self-harm by other sharp object, sequela	Diagnosis	ICD-10-CM
X78.9XXA	Intentional self-harm by unspecified sharp object, initial encounter	Diagnosis	ICD-10-CM
X78.9XXD	Intentional self-harm by unspecified sharp object, subsequent encounter	Diagnosis	ICD-10-CM
X78.9XXS	Intentional self-harm by unspecified sharp object, sequela	Diagnosis	ICD-10-CM
X79.XXXA	Intentional self-harm by blunt object, initial encounter	Diagnosis	ICD-10-CM
X79.XXXD	Intentional self-harm by blunt object, subsequent encounter	Diagnosis	ICD-10-CM
X79.XXXS	Intentional self-harm by blunt object, sequela	Diagnosis	ICD-10-CM
X80.XXXA	Intentional self-harm by jumping from a high place, initial encounter	Diagnosis	ICD-10-CM
X80.XXXD	Intentional self-harm by jumping from a high place, subsequent encounter	Diagnosis	ICD-10-CM
X80.XXXS	Intentional self-harm by jumping from a high place, sequela	Diagnosis	ICD-10-CM
X81.0XXA	Intentional self-harm by jumping or lying in front of motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X81.0XXD	Intentional self-harm by jumping or lying in front of motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X81.0XXS	Intentional self-harm by jumping or lying in front of motor vehicle, sequela	Diagnosis	ICD-10-CM
X81.1XXA	Intentional self-harm by jumping or lying in front of (subway) train, initial encounter	Diagnosis	ICD-10-CM
X81.1XXD	Intentional self-harm by jumping or lying in front of (subway) train, subsequent encounter	Diagnosis	ICD-10-CM
X81.1XXS	Intentional self-harm by jumping or lying in front of (subway) train, sequela	Diagnosis	ICD-10-CM
X81.8XXA	Intentional self-harm by jumping or lying in front of other moving object, initial encounter	Diagnosis	ICD-10-CM
X81.8XXD	Intentional self-harm by jumping or lying in front of other moving object, subsequent encounter	Diagnosis	ICD-10-CM
X81.8XXS	Intentional self-harm by jumping or lying in front of other moving object, sequela	Diagnosis	ICD-10-CM
X82.0XXA	Intentional collision of motor vehicle with other motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X82.0XXD	Intentional collision of motor vehicle with other motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X82.0XXS	Intentional collision of motor vehicle with other motor vehicle, sequela	Diagnosis	ICD-10-CM
X82.1XXA	Intentional collision of motor vehicle with train, initial encounter	Diagnosis	ICD-10-CM
X82.1XXD	Intentional collision of motor vehicle with train, subsequent encounter	Diagnosis	ICD-10-CM
X82.1XXS	Intentional collision of motor vehicle with train, sequela	Diagnosis	ICD-10-CM
X82.2XXA	Intentional collision of motor vehicle with tree, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
X82.2XXD	Intentional collision of motor vehicle with tree, subsequent encounter	Diagnosis	ICD-10-CM
X82.2XXS	Intentional collision of motor vehicle with tree, sequela	Diagnosis	ICD-10-CM
X82.8XXA	Other intentional self-harm by crashing of motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X82.8XXD	Other intentional self-harm by crashing of motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X82.8XXS	Other intentional self-harm by crashing of motor vehicle, sequela	Diagnosis	ICD-10-CM
X83.0XXA	Intentional self-harm by crashing of aircraft, initial encounter	Diagnosis	ICD-10-CM
X83.0XXD	Intentional self-harm by crashing of aircraft, subsequent encounter	Diagnosis	ICD-10-CM
X83.0XXS	Intentional self-harm by crashing of aircraft, sequela	Diagnosis	ICD-10-CM
X83.1XXA	Intentional self-harm by electrocution, initial encounter	Diagnosis	ICD-10-CM
X83.1XXD	Intentional self-harm by electrocution, subsequent encounter	Diagnosis	ICD-10-CM
X83.1XXS	Intentional self-harm by electrocution, sequela	Diagnosis	ICD-10-CM
X83.2XXA	Intentional self-harm by exposure to extremes of cold, initial encounter	Diagnosis	ICD-10-CM
X83.2XXD	Intentional self-harm by exposure to extremes of cold, subsequent encounter	Diagnosis	ICD-10-CM
X83.2XXS	Intentional self-harm by exposure to extremes of cold, sequela	Diagnosis	ICD-10-CM
X83.8XXA	Intentional self-harm by other specified means, initial encounter	Diagnosis	ICD-10-CM
X83.8XXD	Intentional self-harm by other specified means, subsequent encounter	Diagnosis	ICD-10-CM
X83.8XXS	Intentional self-harm by other specified means, sequela	Diagnosis	ICD-10-CM
Z87.890	Personal history of sex reassignment	Diagnosis	ICD-10-CM
Z91.5	Personal history of self-harm	Diagnosis	ICD-10-CM
Z91.83	Wandering in diseases classified elsewhere	Diagnosis	ICD-10-CM
Obesity			
E66.01	Morbid (severe) obesity due to excess calories	Diagnosis	ICD-10-CM
E66.09	Other obesity due to excess calories	Diagnosis	ICD-10-CM
E66.1	Drug-induced obesity	Diagnosis	ICD-10-CM
E66.2	Morbid (severe) obesity with alveolar hypoventilation	Diagnosis	ICD-10-CM
E66.8	Other obesity	Diagnosis	ICD-10-CM
E66.9	Obesity, unspecified	Diagnosis	ICD-10-CM
K95.01	Infection due to gastric band procedure	Diagnosis	ICD-10-CM
K95.09	Other complications of gastric band procedure	Diagnosis	ICD-10-CM
K95.81	Infection due to other bariatric procedure	Diagnosis	ICD-10-CM
K95.89	Other complications of other bariatric procedure	Diagnosis	ICD-10-CM
O99.210	Obesity complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.211	Obesity complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.212	Obesity complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.213	Obesity complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.214	Obesity complicating childbirth	Diagnosis	ICD-10-CM
O99.215	Obesity complicating the puerperium	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O99.840	Bariatric surgery status complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.841	Bariatric surgery status complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.842	Bariatric surgery status complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.843	Bariatric surgery status complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.844	Bariatric surgery status complicating childbirth	Diagnosis	ICD-10-CM
O99.845	Bariatric surgery status complicating the puerperium	Diagnosis	ICD-10-CM
Z68.30	Body mass index (BMI) 30.0-30.9, adult	Diagnosis	ICD-10-CM
Z68.31	Body mass index (BMI) 31.0-31.9, adult	Diagnosis	ICD-10-CM
Z68.32	Body mass index (BMI) 32.0-32.9, adult	Diagnosis	ICD-10-CM
Z68.33	Body mass index (BMI) 33.0-33.9, adult	Diagnosis	ICD-10-CM
Z68.34	Body mass index (BMI) 34.0-34.9, adult	Diagnosis	ICD-10-CM
Z68.35	Body mass index (BMI) 35.0-35.9, adult	Diagnosis	ICD-10-CM
Z68.36	Body mass index (BMI) 36.0-36.9, adult	Diagnosis	ICD-10-CM
Z68.37	Body mass index (BMI) 37.0-37.9, adult	Diagnosis	ICD-10-CM
Z68.38	Body mass index (BMI) 38.0-38.9, adult	Diagnosis	ICD-10-CM
Z68.39	Body mass index (BMI) 39.0-39.9, adult	Diagnosis	ICD-10-CM
Z68.41	Body mass index (BMI) 40.0-44.9, adult	Diagnosis	ICD-10-CM
Z68.42	Body mass index (BMI) 45.0-49.9, adult	Diagnosis	ICD-10-CM
Z68.43	Body mass index (BMI) 50-59.9, adult	Diagnosis	ICD-10-CM
Z68.44	Body mass index (BMI) 60.0-69.9, adult	Diagnosis	ICD-10-CM
Z68.45	Body mass index (BMI) 70 or greater, adult	Diagnosis	ICD-10-CM
Opioids			
C9154	Injection, buprenorphine extended-release (Brixadi), 1 mg	Procedure	HCPCS
G0533	Medication assisted treatment, buprenorphine (injectable) administered on a weekly basis; weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2068	Medication assisted treatment, buprenorphine (oral); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2069	Medication assisted treatment, buprenorphine (injectable) administered on a monthly basis; bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS

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Code	Description	Code Category	Code Type
G2070	Medication assisted treatment, buprenorphine (implant insertion); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2071	Medication assisted treatment, buprenorphine (implant removal); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2072	Medication assisted treatment, buprenorphine (implant insertion and removal); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2079	Take home supply of buprenorphine (oral); up to 7 additional day supply (provision of the services by a Medicare-enrolled opioid treatment program); list separately in addition to code for primary procedure	Procedure	HCPCS
J0216	Injection, alfentanil HCl, 500 mcg	Procedure	HCPCS
J0570	Buprenorphine implant, 74.2 mg	Procedure	HCPCS
J0571	Buprenorphine, oral, 1 mg	Procedure	HCPCS
J0572	Buprenorphine/naloxone, oral, less than or equal to 3 mg buprenorphine	Procedure	HCPCS
J0573	Buprenorphine/naloxone, oral, greater than 3 mg, but less than or equal to 6 mg buprenorphine	Procedure	HCPCS
J0574	Buprenorphine/naloxone, oral, greater than 6 mg, but less than or equal to 10 mg buprenorphine	Procedure	HCPCS
J0575	Buprenorphine/naloxone, oral, greater than 10 mg buprenorphine	Procedure	HCPCS
J0576	Injection, buprenorphine extended-release (Brixadi), 1 mg	Procedure	HCPCS
J0577	Injection, buprenorphine extended-release (Brixadi), less than or equal to 7 days of therapy	Procedure	HCPCS
J0578	Injection, buprenorphine extended-release (Brixadi), greater than 7 days and up to 28 days of therapy	Procedure	HCPCS
J0592	Injection, buprenorphine HCl, 0.1 mg	Procedure	HCPCS
J0595	Injection, butorphanol tartrate, 1 mg	Procedure	HCPCS
J0745	Injection, codeine phosphate, per 30 mg	Procedure	HCPCS
J1230	Injection, methadone HCl, up to 10 mg	Procedure	HCPCS
J1810	Injection, droperidol and fentanyl citrate, up to 2 ml ampule	Procedure	HCPCS
J1960	Injection, levorphanol tartrate, up to 2 mg	Procedure	HCPCS
J2175	Injection, meperidine HCl, per 100 mg	Procedure	HCPCS
J2270	Injection, morphine sulfate, up to 10 mg	Procedure	HCPCS
J2271	Injection, morphine sulfate, 100 mg	Procedure	HCPCS

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Code	Description	Code Category	Code Type
J2272	Injection, morphine sulfate (Fresenius Kabi), not therapeutically equivalent to J2270, up to 10 mg	Procedure	HCPCS
J2274	Injection, morphine sulfate, preservative free for epidural or intrathecal use, 10 mg	Procedure	HCPCS
J2275	Injection, morphine sulfate (preservative-free sterile solution), per 10 mg	Procedure	HCPCS
J2300	Injection, nalbuphine HCl, per 10 mg	Procedure	HCPCS
J2410	Injection, oxymorphone HCl, up to 1 mg	Procedure	HCPCS
J3010	Injection, fentanyl citrate, 0.1 mg	Procedure	HCPCS
Q9974	Injection, morphine sulfate, preservative-free for epidural or intrathecal use, 10 mg	Procedure	HCPCS
Q9991	Injection, buprenorphine extended-release (Sublocade), less than or equal to 100 mg	Procedure	HCPCS
Q9992	Injection, buprenorphine extended-release (Sublocade), greater than 100 mg	Procedure	HCPCS
S0009	Injection, butorphanol tartrate, 1mg	Procedure	HCPCS
S0012	Butorphanol tartrate, nasal spray, 25 mg	Procedure	HCPCS
S0092	Injection, hydromorphone HCl, 250 mg (loading dose for infusion pump)	Procedure	HCPCS
S0093	Injection, morphine sulfate, 500 mg (loading dose for infusion pump)	Procedure	HCPCS
Other cancers			
C00.0	Malignant neoplasm of external upper lip	Diagnosis	ICD-10-CM
C00.1	Malignant neoplasm of external lower lip	Diagnosis	ICD-10-CM
C00.2	Malignant neoplasm of external lip, unspecified	Diagnosis	ICD-10-CM
C00.3	Malignant neoplasm of upper lip, inner aspect	Diagnosis	ICD-10-CM
C00.4	Malignant neoplasm of lower lip, inner aspect	Diagnosis	ICD-10-CM
C00.5	Malignant neoplasm of lip, unspecified, inner aspect	Diagnosis	ICD-10-CM
C00.6	Malignant neoplasm of commissure of lip, unspecified	Diagnosis	ICD-10-CM
C00.8	Malignant neoplasm of overlapping sites of lip	Diagnosis	ICD-10-CM
C00.9	Malignant neoplasm of lip, unspecified	Diagnosis	ICD-10-CM
C01	Malignant neoplasm of base of tongue	Diagnosis	ICD-10-CM
C02.0	Malignant neoplasm of dorsal surface of tongue	Diagnosis	ICD-10-CM
C02.1	Malignant neoplasm of border of tongue	Diagnosis	ICD-10-CM
C02.2	Malignant neoplasm of ventral surface of tongue	Diagnosis	ICD-10-CM
C02.3	Malignant neoplasm of anterior two-thirds of tongue, part unspecified	Diagnosis	ICD-10-CM
C02.4	Malignant neoplasm of lingual tonsil	Diagnosis	ICD-10-CM
C02.8	Malignant neoplasm of overlapping sites of tongue	Diagnosis	ICD-10-CM
C02.9	Malignant neoplasm of tongue, unspecified	Diagnosis	ICD-10-CM
C03.0	Malignant neoplasm of upper gum	Diagnosis	ICD-10-CM
C03.1	Malignant neoplasm of lower gum	Diagnosis	ICD-10-CM
C03.9	Malignant neoplasm of gum, unspecified	Diagnosis	ICD-10-CM
C04.0	Malignant neoplasm of anterior floor of mouth	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C04.1	Malignant neoplasm of lateral floor of mouth	Diagnosis	ICD-10-CM
C04.8	Malignant neoplasm of overlapping sites of floor of mouth	Diagnosis	ICD-10-CM
C04.9	Malignant neoplasm of floor of mouth, unspecified	Diagnosis	ICD-10-CM
C05.0	Malignant neoplasm of hard palate	Diagnosis	ICD-10-CM
C05.1	Malignant neoplasm of soft palate	Diagnosis	ICD-10-CM
C05.2	Malignant neoplasm of uvula	Diagnosis	ICD-10-CM
C05.8	Malignant neoplasm of overlapping sites of palate	Diagnosis	ICD-10-CM
C05.9	Malignant neoplasm of palate, unspecified	Diagnosis	ICD-10-CM
C06.0	Malignant neoplasm of cheek mucosa	Diagnosis	ICD-10-CM
C06.1	Malignant neoplasm of vestibule of mouth	Diagnosis	ICD-10-CM
C06.2	Malignant neoplasm of retromolar area	Diagnosis	ICD-10-CM
C06.80	Malignant neoplasm of overlapping sites of unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.89	Malignant neoplasm of overlapping sites of other parts of mouth	Diagnosis	ICD-10-CM
C06.9	Malignant neoplasm of mouth, unspecified	Diagnosis	ICD-10-CM
C07	Malignant neoplasm of parotid gland	Diagnosis	ICD-10-CM
C08.0	Malignant neoplasm of submandibular gland	Diagnosis	ICD-10-CM
C08.1	Malignant neoplasm of sublingual gland	Diagnosis	ICD-10-CM
C08.9	Malignant neoplasm of major salivary gland, unspecified	Diagnosis	ICD-10-CM
C09.0	Malignant neoplasm of tonsillar fossa	Diagnosis	ICD-10-CM
C09.1	Malignant neoplasm of tonsillar pillar (anterior) (posterior)	Diagnosis	ICD-10-CM
C09.8	Malignant neoplasm of overlapping sites of tonsil	Diagnosis	ICD-10-CM
C09.9	Malignant neoplasm of tonsil, unspecified	Diagnosis	ICD-10-CM
C10.0	Malignant neoplasm of vallecula	Diagnosis	ICD-10-CM
C10.1	Malignant neoplasm of anterior surface of epiglottis	Diagnosis	ICD-10-CM
C10.2	Malignant neoplasm of lateral wall of oropharynx	Diagnosis	ICD-10-CM
C10.3	Malignant neoplasm of posterior wall of oropharynx	Diagnosis	ICD-10-CM
C10.4	Malignant neoplasm of branchial cleft	Diagnosis	ICD-10-CM
C10.8	Malignant neoplasm of overlapping sites of oropharynx	Diagnosis	ICD-10-CM
C10.9	Malignant neoplasm of oropharynx, unspecified	Diagnosis	ICD-10-CM
C11.0	Malignant neoplasm of superior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.1	Malignant neoplasm of posterior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.2	Malignant neoplasm of lateral wall of nasopharynx	Diagnosis	ICD-10-CM
C11.3	Malignant neoplasm of anterior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.8	Malignant neoplasm of overlapping sites of nasopharynx	Diagnosis	ICD-10-CM
C11.9	Malignant neoplasm of nasopharynx, unspecified	Diagnosis	ICD-10-CM
C12	Malignant neoplasm of pyriform sinus	Diagnosis	ICD-10-CM
C13.0	Malignant neoplasm of postcricoid region	Diagnosis	ICD-10-CM
C13.1	Malignant neoplasm of aryepiglottic fold, hypopharyngeal aspect	Diagnosis	ICD-10-CM
C13.2	Malignant neoplasm of posterior wall of hypopharynx	Diagnosis	ICD-10-CM
C13.8	Malignant neoplasm of overlapping sites of hypopharynx	Diagnosis	ICD-10-CM
C13.9	Malignant neoplasm of hypopharynx, unspecified	Diagnosis	ICD-10-CM
C14.0	Malignant neoplasm of pharynx, unspecified	Diagnosis	ICD-10-CM
C14.2	Malignant neoplasm of Waldeyer's ring	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C14.8	Malignant neoplasm of overlapping sites of lip, oral cavity and pharynx	Diagnosis	ICD-10-CM
C15.3	Malignant neoplasm of upper third of esophagus	Diagnosis	ICD-10-CM
C15.4	Malignant neoplasm of middle third of esophagus	Diagnosis	ICD-10-CM
C15.5	Malignant neoplasm of lower third of esophagus	Diagnosis	ICD-10-CM
C15.8	Malignant neoplasm of overlapping sites of esophagus	Diagnosis	ICD-10-CM
C15.9	Malignant neoplasm of esophagus, unspecified	Diagnosis	ICD-10-CM
C16.0	Malignant neoplasm of cardia	Diagnosis	ICD-10-CM
C16.1	Malignant neoplasm of fundus of stomach	Diagnosis	ICD-10-CM
C16.2	Malignant neoplasm of body of stomach	Diagnosis	ICD-10-CM
C16.3	Malignant neoplasm of pyloric antrum	Diagnosis	ICD-10-CM
C16.4	Malignant neoplasm of pylorus	Diagnosis	ICD-10-CM
C16.5	Malignant neoplasm of lesser curvature of stomach, unspecified	Diagnosis	ICD-10-CM
C16.6	Malignant neoplasm of greater curvature of stomach, unspecified	Diagnosis	ICD-10-CM
C16.8	Malignant neoplasm of overlapping sites of stomach	Diagnosis	ICD-10-CM
C16.9	Malignant neoplasm of stomach, unspecified	Diagnosis	ICD-10-CM
C17.0	Malignant neoplasm of duodenum	Diagnosis	ICD-10-CM
C17.1	Malignant neoplasm of jejunum	Diagnosis	ICD-10-CM
C17.2	Malignant neoplasm of ileum	Diagnosis	ICD-10-CM
C17.3	Meckel's diverticulum, malignant	Diagnosis	ICD-10-CM
C17.8	Malignant neoplasm of overlapping sites of small intestine	Diagnosis	ICD-10-CM
C17.9	Malignant neoplasm of small intestine, unspecified	Diagnosis	ICD-10-CM
C21.0	Malignant neoplasm of anus, unspecified	Diagnosis	ICD-10-CM
C21.1	Malignant neoplasm of anal canal	Diagnosis	ICD-10-CM
C21.2	Malignant neoplasm of cloacogenic zone	Diagnosis	ICD-10-CM
C21.8	Malignant neoplasm of overlapping sites of rectum, anus and anal canal	Diagnosis	ICD-10-CM
C22.0	Liver cell carcinoma	Diagnosis	ICD-10-CM
C22.1	Intrahepatic bile duct carcinoma	Diagnosis	ICD-10-CM
C22.2	Hepatoblastoma	Diagnosis	ICD-10-CM
C22.3	Angiosarcoma of liver	Diagnosis	ICD-10-CM
C22.4	Other sarcomas of liver	Diagnosis	ICD-10-CM
C22.7	Other specified carcinomas of liver	Diagnosis	ICD-10-CM
C22.8	Malignant neoplasm of liver, primary, unspecified as to type	Diagnosis	ICD-10-CM
C22.9	Malignant neoplasm of liver, not specified as primary or secondary	Diagnosis	ICD-10-CM
C23	Malignant neoplasm of gallbladder	Diagnosis	ICD-10-CM
C24.0	Malignant neoplasm of extrahepatic bile duct	Diagnosis	ICD-10-CM
C24.1	Malignant neoplasm of ampulla of Vater	Diagnosis	ICD-10-CM
C24.8	Malignant neoplasm of overlapping sites of biliary tract	Diagnosis	ICD-10-CM
C24.9	Malignant neoplasm of biliary tract, unspecified	Diagnosis	ICD-10-CM
C25.0	Malignant neoplasm of head of pancreas	Diagnosis	ICD-10-CM
C25.1	Malignant neoplasm of body of pancreas	Diagnosis	ICD-10-CM
C25.2	Malignant neoplasm of tail of pancreas	Diagnosis	ICD-10-CM
C25.3	Malignant neoplasm of pancreatic duct	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C25.4	Malignant neoplasm of endocrine pancreas	Diagnosis	ICD-10-CM
C25.7	Malignant neoplasm of other parts of pancreas	Diagnosis	ICD-10-CM
C25.8	Malignant neoplasm of overlapping sites of pancreas	Diagnosis	ICD-10-CM
C25.9	Malignant neoplasm of pancreas, unspecified	Diagnosis	ICD-10-CM
C26.0	Malignant neoplasm of intestinal tract, part unspecified	Diagnosis	ICD-10-CM
C26.1	Malignant neoplasm of spleen	Diagnosis	ICD-10-CM
C26.9	Malignant neoplasm of ill-defined sites within the digestive system	Diagnosis	ICD-10-CM
C30.0	Malignant neoplasm of nasal cavity	Diagnosis	ICD-10-CM
C30.1	Malignant neoplasm of middle ear	Diagnosis	ICD-10-CM
C31.0	Malignant neoplasm of maxillary sinus	Diagnosis	ICD-10-CM
C31.1	Malignant neoplasm of ethmoidal sinus	Diagnosis	ICD-10-CM
C31.2	Malignant neoplasm of frontal sinus	Diagnosis	ICD-10-CM
C31.3	Malignant neoplasm of sphenoid sinus	Diagnosis	ICD-10-CM
C31.8	Malignant neoplasm of overlapping sites of accessory sinuses	Diagnosis	ICD-10-CM
C31.9	Malignant neoplasm of accessory sinus, unspecified	Diagnosis	ICD-10-CM
C32.0	Malignant neoplasm of glottis	Diagnosis	ICD-10-CM
C32.1	Malignant neoplasm of supraglottis	Diagnosis	ICD-10-CM
C32.2	Malignant neoplasm of subglottis	Diagnosis	ICD-10-CM
C32.3	Malignant neoplasm of laryngeal cartilage	Diagnosis	ICD-10-CM
C32.8	Malignant neoplasm of overlapping sites of larynx	Diagnosis	ICD-10-CM
C32.9	Malignant neoplasm of larynx, unspecified	Diagnosis	ICD-10-CM
C33	Malignant neoplasm of trachea	Diagnosis	ICD-10-CM
C34.00	Malignant neoplasm of unspecified main bronchus	Diagnosis	ICD-10-CM
C34.01	Malignant neoplasm of right main bronchus	Diagnosis	ICD-10-CM
C34.02	Malignant neoplasm of left main bronchus	Diagnosis	ICD-10-CM
C34.10	Malignant neoplasm of upper lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.11	Malignant neoplasm of upper lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.12	Malignant neoplasm of upper lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.2	Malignant neoplasm of middle lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.30	Malignant neoplasm of lower lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.31	Malignant neoplasm of lower lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.32	Malignant neoplasm of lower lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.80	Malignant neoplasm of overlapping sites of unspecified bronchus and lung	Diagnosis	ICD-10-CM
C34.81	Malignant neoplasm of overlapping sites of right bronchus and lung	Diagnosis	ICD-10-CM
C34.82	Malignant neoplasm of overlapping sites of left bronchus and lung	Diagnosis	ICD-10-CM
C34.90	Malignant neoplasm of unspecified part of unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.91	Malignant neoplasm of unspecified part of right bronchus or lung	Diagnosis	ICD-10-CM
C34.92	Malignant neoplasm of unspecified part of left bronchus or lung	Diagnosis	ICD-10-CM
C37	Malignant neoplasm of thymus	Diagnosis	ICD-10-CM
C38.0	Malignant neoplasm of heart	Diagnosis	ICD-10-CM
C38.1	Malignant neoplasm of anterior mediastinum	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C38.2	Malignant neoplasm of posterior mediastinum	Diagnosis	ICD-10-CM
C38.3	Malignant neoplasm of mediastinum, part unspecified	Diagnosis	ICD-10-CM
C38.4	Malignant neoplasm of pleura	Diagnosis	ICD-10-CM
C38.8	Malignant neoplasm of overlapping sites of heart, mediastinum and pleura	Diagnosis	ICD-10-CM
C39.0	Malignant neoplasm of upper respiratory tract, part unspecified	Diagnosis	ICD-10-CM
C39.9	Malignant neoplasm of lower respiratory tract, part unspecified	Diagnosis	ICD-10-CM
C40.00	Malignant neoplasm of scapula and long bones of unspecified upper limb	Diagnosis	ICD-10-CM
C40.01	Malignant neoplasm of scapula and long bones of right upper limb	Diagnosis	ICD-10-CM
C40.02	Malignant neoplasm of scapula and long bones of left upper limb	Diagnosis	ICD-10-CM
C40.10	Malignant neoplasm of short bones of unspecified upper limb	Diagnosis	ICD-10-CM
C40.11	Malignant neoplasm of short bones of right upper limb	Diagnosis	ICD-10-CM
C40.12	Malignant neoplasm of short bones of left upper limb	Diagnosis	ICD-10-CM
C40.20	Malignant neoplasm of long bones of unspecified lower limb	Diagnosis	ICD-10-CM
C40.21	Malignant neoplasm of long bones of right lower limb	Diagnosis	ICD-10-CM
C40.22	Malignant neoplasm of long bones of left lower limb	Diagnosis	ICD-10-CM
C40.30	Malignant neoplasm of short bones of unspecified lower limb	Diagnosis	ICD-10-CM
C40.31	Malignant neoplasm of short bones of right lower limb	Diagnosis	ICD-10-CM
C40.32	Malignant neoplasm of short bones of left lower limb	Diagnosis	ICD-10-CM
C40.80	Malignant neoplasm of overlapping sites of bone and articular cartilage of unspecified limb	Diagnosis	ICD-10-CM
C40.81	Malignant neoplasm of overlapping sites of bone and articular cartilage of right limb	Diagnosis	ICD-10-CM
C40.82	Malignant neoplasm of overlapping sites of bone and articular cartilage of left limb	Diagnosis	ICD-10-CM
C40.90	Malignant neoplasm of unspecified bones and articular cartilage of unspecified limb	Diagnosis	ICD-10-CM
C40.91	Malignant neoplasm of unspecified bones and articular cartilage of right limb	Diagnosis	ICD-10-CM
C40.92	Malignant neoplasm of unspecified bones and articular cartilage of left limb	Diagnosis	ICD-10-CM
C41.0	Malignant neoplasm of bones of skull and face	Diagnosis	ICD-10-CM
C41.1	Malignant neoplasm of mandible	Diagnosis	ICD-10-CM
C41.2	Malignant neoplasm of vertebral column	Diagnosis	ICD-10-CM
C41.3	Malignant neoplasm of ribs, sternum and clavicle	Diagnosis	ICD-10-CM
C41.4	Malignant neoplasm of pelvic bones, sacrum and coccyx	Diagnosis	ICD-10-CM
C41.9	Malignant neoplasm of bone and articular cartilage, unspecified	Diagnosis	ICD-10-CM
C45.0	Mesothelioma of pleura	Diagnosis	ICD-10-CM
C45.1	Mesothelioma of peritoneum	Diagnosis	ICD-10-CM
C45.2	Mesothelioma of pericardium	Diagnosis	ICD-10-CM
C45.7	Mesothelioma of other sites	Diagnosis	ICD-10-CM
C45.9	Mesothelioma, unspecified	Diagnosis	ICD-10-CM
C46.0	Kaposi's sarcoma of skin	Diagnosis	ICD-10-CM

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

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Code	Description	Code Category	Code Type
C49.20	Malignant neoplasm of connective and soft tissue of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C49.21	Malignant neoplasm of connective and soft tissue of right lower limb, including hip	Diagnosis	ICD-10-CM
C49.22	Malignant neoplasm of connective and soft tissue of left lower limb, including hip	Diagnosis	ICD-10-CM
C49.3	Malignant neoplasm of connective and soft tissue of thorax	Diagnosis	ICD-10-CM
C49.4	Malignant neoplasm of connective and soft tissue of abdomen	Diagnosis	ICD-10-CM
C49.5	Malignant neoplasm of connective and soft tissue of pelvis	Diagnosis	ICD-10-CM
C49.6	Malignant neoplasm of connective and soft tissue of trunk, unspecified	Diagnosis	ICD-10-CM
C49.8	Malignant neoplasm of overlapping sites of connective and soft tissue	Diagnosis	ICD-10-CM
C49.9	Malignant neoplasm of connective and soft tissue, unspecified	Diagnosis	ICD-10-CM
C49.A0	Gastrointestinal stromal tumor, unspecified site	Diagnosis	ICD-10-CM
C49.A1	Gastrointestinal stromal tumor of esophagus	Diagnosis	ICD-10-CM
C49.A2	Gastrointestinal stromal tumor of stomach	Diagnosis	ICD-10-CM
C49.A3	Gastrointestinal stromal tumor of small intestine	Diagnosis	ICD-10-CM
C49.A9	Gastrointestinal stromal tumor of other sites	Diagnosis	ICD-10-CM
C50.011	Malignant neoplasm of nipple and areola, right female breast	Diagnosis	ICD-10-CM
C50.012	Malignant neoplasm of nipple and areola, left female breast	Diagnosis	ICD-10-CM
C50.019	Malignant neoplasm of nipple and areola, unspecified female breast	Diagnosis	ICD-10-CM
C50.021	Malignant neoplasm of nipple and areola, right male breast	Diagnosis	ICD-10-CM
C50.022	Malignant neoplasm of nipple and areola, left male breast	Diagnosis	ICD-10-CM
C50.029	Malignant neoplasm of nipple and areola, unspecified male breast	Diagnosis	ICD-10-CM
C50.111	Malignant neoplasm of central portion of right female breast	Diagnosis	ICD-10-CM
C50.112	Malignant neoplasm of central portion of left female breast	Diagnosis	ICD-10-CM
C50.119	Malignant neoplasm of central portion of unspecified female breast	Diagnosis	ICD-10-CM
C50.121	Malignant neoplasm of central portion of right male breast	Diagnosis	ICD-10-CM
C50.122	Malignant neoplasm of central portion of left male breast	Diagnosis	ICD-10-CM
C50.129	Malignant neoplasm of central portion of unspecified male breast	Diagnosis	ICD-10-CM
C50.211	Malignant neoplasm of upper-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.212	Malignant neoplasm of upper-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.221	Malignant neoplasm of upper-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.222	Malignant neoplasm of upper-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.229	Malignant neoplasm of upper-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.311	Malignant neoplasm of lower-inner quadrant of right female breast	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C50.312	Malignant neoplasm of lower-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.321	Malignant neoplasm of lower-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.322	Malignant neoplasm of lower-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.329	Malignant neoplasm of lower-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.411	Malignant neoplasm of upper-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.412	Malignant neoplasm of upper-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.421	Malignant neoplasm of upper-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.422	Malignant neoplasm of upper-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.429	Malignant neoplasm of upper-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.511	Malignant neoplasm of lower-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.512	Malignant neoplasm of lower-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.521	Malignant neoplasm of lower-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.522	Malignant neoplasm of lower-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.529	Malignant neoplasm of lower-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.611	Malignant neoplasm of axillary tail of right female breast	Diagnosis	ICD-10-CM
C50.612	Malignant neoplasm of axillary tail of left female breast	Diagnosis	ICD-10-CM
C50.619	Malignant neoplasm of axillary tail of unspecified female breast	Diagnosis	ICD-10-CM
C50.621	Malignant neoplasm of axillary tail of right male breast	Diagnosis	ICD-10-CM
C50.622	Malignant neoplasm of axillary tail of left male breast	Diagnosis	ICD-10-CM
C50.629	Malignant neoplasm of axillary tail of unspecified male breast	Diagnosis	ICD-10-CM
C50.811	Malignant neoplasm of overlapping sites of right female breast	Diagnosis	ICD-10-CM
C50.812	Malignant neoplasm of overlapping sites of left female breast	Diagnosis	ICD-10-CM
C50.819	Malignant neoplasm of overlapping sites of unspecified female breast	Diagnosis	ICD-10-CM
C50.821	Malignant neoplasm of overlapping sites of right male breast	Diagnosis	ICD-10-CM
C50.822	Malignant neoplasm of overlapping sites of left male breast	Diagnosis	ICD-10-CM
C50.829	Malignant neoplasm of overlapping sites of unspecified male breast	Diagnosis	ICD-10-CM
C50.911	Malignant neoplasm of unspecified site of right female breast	Diagnosis	ICD-10-CM
C50.912	Malignant neoplasm of unspecified site of left female breast	Diagnosis	ICD-10-CM
C50.919	Malignant neoplasm of unspecified site of unspecified female breast	Diagnosis	ICD-10-CM
C50.921	Malignant neoplasm of unspecified site of right male breast	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C50.922	Malignant neoplasm of unspecified site of left male breast	Diagnosis	ICD-10-CM
C50.929	Malignant neoplasm of unspecified site of unspecified male breast	Diagnosis	ICD-10-CM
C51.0	Malignant neoplasm of labium majus	Diagnosis	ICD-10-CM
C51.1	Malignant neoplasm of labium minus	Diagnosis	ICD-10-CM
C51.2	Malignant neoplasm of clitoris	Diagnosis	ICD-10-CM
C51.8	Malignant neoplasm of overlapping sites of vulva	Diagnosis	ICD-10-CM
C51.9	Malignant neoplasm of vulva, unspecified	Diagnosis	ICD-10-CM
C52	Malignant neoplasm of vagina	Diagnosis	ICD-10-CM
C53.0	Malignant neoplasm of endocervix	Diagnosis	ICD-10-CM
C53.1	Malignant neoplasm of exocervix	Diagnosis	ICD-10-CM
C53.8	Malignant neoplasm of overlapping sites of cervix uteri	Diagnosis	ICD-10-CM
C53.9	Malignant neoplasm of cervix uteri, unspecified	Diagnosis	ICD-10-CM
C54.0	Malignant neoplasm of isthmus uteri	Diagnosis	ICD-10-CM
C54.1	Malignant neoplasm of endometrium	Diagnosis	ICD-10-CM
C54.2	Malignant neoplasm of myometrium	Diagnosis	ICD-10-CM
C54.3	Malignant neoplasm of fundus uteri	Diagnosis	ICD-10-CM
C54.8	Malignant neoplasm of overlapping sites of corpus uteri	Diagnosis	ICD-10-CM
C54.9	Malignant neoplasm of corpus uteri, unspecified	Diagnosis	ICD-10-CM
C55	Malignant neoplasm of uterus, part unspecified	Diagnosis	ICD-10-CM
C56.1	Malignant neoplasm of right ovary	Diagnosis	ICD-10-CM
C56.2	Malignant neoplasm of left ovary	Diagnosis	ICD-10-CM
C56.9	Malignant neoplasm of unspecified ovary	Diagnosis	ICD-10-CM
C57.00	Malignant neoplasm of unspecified fallopian tube	Diagnosis	ICD-10-CM
C57.01	Malignant neoplasm of right fallopian tube	Diagnosis	ICD-10-CM
C57.02	Malignant neoplasm of left fallopian tube	Diagnosis	ICD-10-CM
C57.10	Malignant neoplasm of unspecified broad ligament	Diagnosis	ICD-10-CM
C57.11	Malignant neoplasm of right broad ligament	Diagnosis	ICD-10-CM
C57.12	Malignant neoplasm of left broad ligament	Diagnosis	ICD-10-CM
C57.20	Malignant neoplasm of unspecified round ligament	Diagnosis	ICD-10-CM
C57.21	Malignant neoplasm of right round ligament	Diagnosis	ICD-10-CM
C57.22	Malignant neoplasm of left round ligament	Diagnosis	ICD-10-CM
C57.3	Malignant neoplasm of parametrium	Diagnosis	ICD-10-CM
C57.4	Malignant neoplasm of uterine adnexa, unspecified	Diagnosis	ICD-10-CM
C57.7	Malignant neoplasm of other specified female genital organs	Diagnosis	ICD-10-CM
C57.8	Malignant neoplasm of overlapping sites of female genital organs	Diagnosis	ICD-10-CM
C57.9	Malignant neoplasm of female genital organ, unspecified	Diagnosis	ICD-10-CM
C58	Malignant neoplasm of placenta	Diagnosis	ICD-10-CM
C60.0	Malignant neoplasm of prepuce	Diagnosis	ICD-10-CM
C60.1	Malignant neoplasm of glans penis	Diagnosis	ICD-10-CM
C60.2	Malignant neoplasm of body of penis	Diagnosis	ICD-10-CM
C60.8	Malignant neoplasm of overlapping sites of penis	Diagnosis	ICD-10-CM
C60.9	Malignant neoplasm of penis, unspecified	Diagnosis	ICD-10-CM
C61	Malignant neoplasm of prostate	Diagnosis	ICD-10-CM
C62.00	Malignant neoplasm of unspecified undescended testis	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C62.01	Malignant neoplasm of undescended right testis	Diagnosis	ICD-10-CM
C62.02	Malignant neoplasm of undescended left testis	Diagnosis	ICD-10-CM
C62.10	Malignant neoplasm of unspecified descended testis	Diagnosis	ICD-10-CM
C62.11	Malignant neoplasm of descended right testis	Diagnosis	ICD-10-CM
C62.12	Malignant neoplasm of descended left testis	Diagnosis	ICD-10-CM
C62.90	Malignant neoplasm of unspecified testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.91	Malignant neoplasm of right testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.92	Malignant neoplasm of left testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C63.00	Malignant neoplasm of unspecified epididymis	Diagnosis	ICD-10-CM
C63.01	Malignant neoplasm of right epididymis	Diagnosis	ICD-10-CM
C63.02	Malignant neoplasm of left epididymis	Diagnosis	ICD-10-CM
C63.10	Malignant neoplasm of unspecified spermatic cord	Diagnosis	ICD-10-CM
C63.11	Malignant neoplasm of right spermatic cord	Diagnosis	ICD-10-CM
C63.12	Malignant neoplasm of left spermatic cord	Diagnosis	ICD-10-CM
C63.2	Malignant neoplasm of scrotum	Diagnosis	ICD-10-CM
C63.7	Malignant neoplasm of other specified male genital organs	Diagnosis	ICD-10-CM
C63.8	Malignant neoplasm of overlapping sites of male genital organs	Diagnosis	ICD-10-CM
C63.9	Malignant neoplasm of male genital organ, unspecified	Diagnosis	ICD-10-CM
C64.1	Malignant neoplasm of right kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.2	Malignant neoplasm of left kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.9	Malignant neoplasm of unspecified kidney, except renal pelvis	Diagnosis	ICD-10-CM
C65.1	Malignant neoplasm of right renal pelvis	Diagnosis	ICD-10-CM
C65.2	Malignant neoplasm of left renal pelvis	Diagnosis	ICD-10-CM
C65.9	Malignant neoplasm of unspecified renal pelvis	Diagnosis	ICD-10-CM
C66.1	Malignant neoplasm of right ureter	Diagnosis	ICD-10-CM
C66.2	Malignant neoplasm of left ureter	Diagnosis	ICD-10-CM
C66.9	Malignant neoplasm of unspecified ureter	Diagnosis	ICD-10-CM
C67.0	Malignant neoplasm of trigone of bladder	Diagnosis	ICD-10-CM
C67.1	Malignant neoplasm of dome of bladder	Diagnosis	ICD-10-CM
C67.2	Malignant neoplasm of lateral wall of bladder	Diagnosis	ICD-10-CM
C67.3	Malignant neoplasm of anterior wall of bladder	Diagnosis	ICD-10-CM
C67.4	Malignant neoplasm of posterior wall of bladder	Diagnosis	ICD-10-CM
C67.5	Malignant neoplasm of bladder neck	Diagnosis	ICD-10-CM
C67.6	Malignant neoplasm of ureteric orifice	Diagnosis	ICD-10-CM
C67.7	Malignant neoplasm of urachus	Diagnosis	ICD-10-CM
C67.8	Malignant neoplasm of overlapping sites of bladder	Diagnosis	ICD-10-CM
C67.9	Malignant neoplasm of bladder, unspecified	Diagnosis	ICD-10-CM
C68.0	Malignant neoplasm of urethra	Diagnosis	ICD-10-CM
C68.1	Malignant neoplasm of paraurethral glands	Diagnosis	ICD-10-CM
C68.8	Malignant neoplasm of overlapping sites of urinary organs	Diagnosis	ICD-10-CM
C68.9	Malignant neoplasm of urinary organ, unspecified	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C69.00	Malignant neoplasm of unspecified conjunctiva	Diagnosis	ICD-10-CM
C69.01	Malignant neoplasm of right conjunctiva	Diagnosis	ICD-10-CM
C69.02	Malignant neoplasm of left conjunctiva	Diagnosis	ICD-10-CM
C69.10	Malignant neoplasm of unspecified cornea	Diagnosis	ICD-10-CM
C69.11	Malignant neoplasm of right cornea	Diagnosis	ICD-10-CM
C69.12	Malignant neoplasm of left cornea	Diagnosis	ICD-10-CM
C69.20	Malignant neoplasm of unspecified retina	Diagnosis	ICD-10-CM
C69.21	Malignant neoplasm of right retina	Diagnosis	ICD-10-CM
C69.22	Malignant neoplasm of left retina	Diagnosis	ICD-10-CM
C69.30	Malignant neoplasm of unspecified choroid	Diagnosis	ICD-10-CM
C69.31	Malignant neoplasm of right choroid	Diagnosis	ICD-10-CM
C69.32	Malignant neoplasm of left choroid	Diagnosis	ICD-10-CM
C69.40	Malignant neoplasm of unspecified ciliary body	Diagnosis	ICD-10-CM
C69.41	Malignant neoplasm of right ciliary body	Diagnosis	ICD-10-CM
C69.42	Malignant neoplasm of left ciliary body	Diagnosis	ICD-10-CM
C69.50	Malignant neoplasm of unspecified lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.51	Malignant neoplasm of right lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.52	Malignant neoplasm of left lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.60	Malignant neoplasm of unspecified orbit	Diagnosis	ICD-10-CM
C69.61	Malignant neoplasm of right orbit	Diagnosis	ICD-10-CM
C69.62	Malignant neoplasm of left orbit	Diagnosis	ICD-10-CM
C69.80	Malignant neoplasm of overlapping sites of unspecified eye and adnexa	Diagnosis	ICD-10-CM
C69.81	Malignant neoplasm of overlapping sites of right eye and adnexa	Diagnosis	ICD-10-CM
C69.82	Malignant neoplasm of overlapping sites of left eye and adnexa	Diagnosis	ICD-10-CM
C69.90	Malignant neoplasm of unspecified site of unspecified eye	Diagnosis	ICD-10-CM
C69.91	Malignant neoplasm of unspecified site of right eye	Diagnosis	ICD-10-CM
C69.92	Malignant neoplasm of unspecified site of left eye	Diagnosis	ICD-10-CM
C70.0	Malignant neoplasm of cerebral meninges	Diagnosis	ICD-10-CM
C70.1	Malignant neoplasm of spinal meninges	Diagnosis	ICD-10-CM
C70.9	Malignant neoplasm of meninges, unspecified	Diagnosis	ICD-10-CM
C71.0	Malignant neoplasm of cerebrum, except lobes and ventricles	Diagnosis	ICD-10-CM
C71.1	Malignant neoplasm of frontal lobe	Diagnosis	ICD-10-CM
C71.2	Malignant neoplasm of temporal lobe	Diagnosis	ICD-10-CM
C71.3	Malignant neoplasm of parietal lobe	Diagnosis	ICD-10-CM
C71.4	Malignant neoplasm of occipital lobe	Diagnosis	ICD-10-CM
C71.5	Malignant neoplasm of cerebral ventricle	Diagnosis	ICD-10-CM
C71.6	Malignant neoplasm of cerebellum	Diagnosis	ICD-10-CM
C71.7	Malignant neoplasm of brain stem	Diagnosis	ICD-10-CM
C71.8	Malignant neoplasm of overlapping sites of brain	Diagnosis	ICD-10-CM
C71.9	Malignant neoplasm of brain, unspecified	Diagnosis	ICD-10-CM
C72.0	Malignant neoplasm of spinal cord	Diagnosis	ICD-10-CM
C72.1	Malignant neoplasm of cauda equina	Diagnosis	ICD-10-CM
C72.20	Malignant neoplasm of unspecified olfactory nerve	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C72.21	Malignant neoplasm of right olfactory nerve	Diagnosis	ICD-10-CM
C72.22	Malignant neoplasm of left olfactory nerve	Diagnosis	ICD-10-CM
C72.30	Malignant neoplasm of unspecified optic nerve	Diagnosis	ICD-10-CM
C72.31	Malignant neoplasm of right optic nerve	Diagnosis	ICD-10-CM
C72.32	Malignant neoplasm of left optic nerve	Diagnosis	ICD-10-CM
C72.40	Malignant neoplasm of unspecified acoustic nerve	Diagnosis	ICD-10-CM
C72.41	Malignant neoplasm of right acoustic nerve	Diagnosis	ICD-10-CM
C72.42	Malignant neoplasm of left acoustic nerve	Diagnosis	ICD-10-CM
C72.50	Malignant neoplasm of unspecified cranial nerve	Diagnosis	ICD-10-CM
C72.59	Malignant neoplasm of other cranial nerves	Diagnosis	ICD-10-CM
C72.9	Malignant neoplasm of central nervous system, unspecified	Diagnosis	ICD-10-CM
C73	Malignant neoplasm of thyroid gland	Diagnosis	ICD-10-CM
C74.00	Malignant neoplasm of cortex of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.01	Malignant neoplasm of cortex of right adrenal gland	Diagnosis	ICD-10-CM
C74.02	Malignant neoplasm of cortex of left adrenal gland	Diagnosis	ICD-10-CM
C74.10	Malignant neoplasm of medulla of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.11	Malignant neoplasm of medulla of right adrenal gland	Diagnosis	ICD-10-CM
C74.12	Malignant neoplasm of medulla of left adrenal gland	Diagnosis	ICD-10-CM
C74.90	Malignant neoplasm of unspecified part of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.91	Malignant neoplasm of unspecified part of right adrenal gland	Diagnosis	ICD-10-CM
C74.92	Malignant neoplasm of unspecified part of left adrenal gland	Diagnosis	ICD-10-CM
C75.0	Malignant neoplasm of parathyroid gland	Diagnosis	ICD-10-CM
C75.1	Malignant neoplasm of pituitary gland	Diagnosis	ICD-10-CM
C75.2	Malignant neoplasm of craniopharyngeal duct	Diagnosis	ICD-10-CM
C75.3	Malignant neoplasm of pineal gland	Diagnosis	ICD-10-CM
C75.4	Malignant neoplasm of carotid body	Diagnosis	ICD-10-CM
C75.5	Malignant neoplasm of aortic body and other paraganglia	Diagnosis	ICD-10-CM
C75.8	Malignant neoplasm with pluriglandular involvement, unspecified	Diagnosis	ICD-10-CM
C75.9	Malignant neoplasm of endocrine gland, unspecified	Diagnosis	ICD-10-CM
C76.0	Malignant neoplasm of head, face and neck	Diagnosis	ICD-10-CM
C76.1	Malignant neoplasm of thorax	Diagnosis	ICD-10-CM
C76.2	Malignant neoplasm of abdomen	Diagnosis	ICD-10-CM
C76.3	Malignant neoplasm of pelvis	Diagnosis	ICD-10-CM
C76.40	Malignant neoplasm of unspecified upper limb	Diagnosis	ICD-10-CM
C76.41	Malignant neoplasm of right upper limb	Diagnosis	ICD-10-CM
C76.42	Malignant neoplasm of left upper limb	Diagnosis	ICD-10-CM
C76.50	Malignant neoplasm of unspecified lower limb	Diagnosis	ICD-10-CM
C76.51	Malignant neoplasm of right lower limb	Diagnosis	ICD-10-CM
C76.52	Malignant neoplasm of left lower limb	Diagnosis	ICD-10-CM
C76.8	Malignant neoplasm of other specified ill-defined sites	Diagnosis	ICD-10-CM
C77.0	Secondary and unspecified malignant neoplasm of lymph nodes of head, face and neck	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C77.1	Secondary and unspecified malignant neoplasm of intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C77.2	Secondary and unspecified malignant neoplasm of intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C77.3	Secondary and unspecified malignant neoplasm of axilla and upper limb lymph nodes	Diagnosis	ICD-10-CM
C77.4	Secondary and unspecified malignant neoplasm of inguinal and lower limb lymph nodes	Diagnosis	ICD-10-CM
C77.5	Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C77.8	Secondary and unspecified malignant neoplasm of lymph nodes of multiple regions	Diagnosis	ICD-10-CM
C77.9	Secondary and unspecified malignant neoplasm of lymph node, unspecified	Diagnosis	ICD-10-CM
C78.00	Secondary malignant neoplasm of unspecified lung	Diagnosis	ICD-10-CM
C78.01	Secondary malignant neoplasm of right lung	Diagnosis	ICD-10-CM
C78.02	Secondary malignant neoplasm of left lung	Diagnosis	ICD-10-CM
C78.1	Secondary malignant neoplasm of mediastinum	Diagnosis	ICD-10-CM
C78.2	Secondary malignant neoplasm of pleura	Diagnosis	ICD-10-CM
C78.30	Secondary malignant neoplasm of unspecified respiratory organ	Diagnosis	ICD-10-CM
C78.39	Secondary malignant neoplasm of other respiratory organs	Diagnosis	ICD-10-CM
C78.4	Secondary malignant neoplasm of small intestine	Diagnosis	ICD-10-CM
C78.5	Secondary malignant neoplasm of large intestine and rectum	Diagnosis	ICD-10-CM
C78.6	Secondary malignant neoplasm of retroperitoneum and peritoneum	Diagnosis	ICD-10-CM
C78.7	Secondary malignant neoplasm of liver and intrahepatic bile duct	Diagnosis	ICD-10-CM
C78.80	Secondary malignant neoplasm of unspecified digestive organ	Diagnosis	ICD-10-CM
C78.89	Secondary malignant neoplasm of other digestive organs	Diagnosis	ICD-10-CM
C79.00	Secondary malignant neoplasm of unspecified kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.01	Secondary malignant neoplasm of right kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.02	Secondary malignant neoplasm of left kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.10	Secondary malignant neoplasm of unspecified urinary organs	Diagnosis	ICD-10-CM
C79.11	Secondary malignant neoplasm of bladder	Diagnosis	ICD-10-CM
C79.19	Secondary malignant neoplasm of other urinary organs	Diagnosis	ICD-10-CM
C79.2	Secondary malignant neoplasm of skin	Diagnosis	ICD-10-CM
C79.31	Secondary malignant neoplasm of brain	Diagnosis	ICD-10-CM
C79.32	Secondary malignant neoplasm of cerebral meninges	Diagnosis	ICD-10-CM
C79.40	Secondary malignant neoplasm of unspecified part of nervous system	Diagnosis	ICD-10-CM
C79.49	Secondary malignant neoplasm of other parts of nervous system	Diagnosis	ICD-10-CM
C79.51	Secondary malignant neoplasm of bone	Diagnosis	ICD-10-CM
C79.52	Secondary malignant neoplasm of bone marrow	Diagnosis	ICD-10-CM
C79.60	Secondary malignant neoplasm of unspecified ovary	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C79.61	Secondary malignant neoplasm of right ovary	Diagnosis	ICD-10-CM
C79.62	Secondary malignant neoplasm of left ovary	Diagnosis	ICD-10-CM
C79.70	Secondary malignant neoplasm of unspecified adrenal gland	Diagnosis	ICD-10-CM
C79.71	Secondary malignant neoplasm of right adrenal gland	Diagnosis	ICD-10-CM
C79.72	Secondary malignant neoplasm of left adrenal gland	Diagnosis	ICD-10-CM
C79.81	Secondary malignant neoplasm of breast	Diagnosis	ICD-10-CM
C79.82	Secondary malignant neoplasm of genital organs	Diagnosis	ICD-10-CM
C79.89	Secondary malignant neoplasm of other specified sites	Diagnosis	ICD-10-CM
C79.9	Secondary malignant neoplasm of unspecified site	Diagnosis	ICD-10-CM
C7A	Malignant neuroendocrine tumors	Diagnosis	ICD-10-CM
C7A.0	Malignant carcinoid tumors	Diagnosis	ICD-10-CM
C7A.00	Malignant carcinoid tumor of unspecified site	Diagnosis	ICD-10-CM
C7A.01	Malignant carcinoid tumors of the small intestine	Diagnosis	ICD-10-CM
C7A.010	Malignant carcinoid tumor of the duodenum	Diagnosis	ICD-10-CM
C7A.011	Malignant carcinoid tumor of the jejunum	Diagnosis	ICD-10-CM
C7A.012	Malignant carcinoid tumor of the ileum	Diagnosis	ICD-10-CM
C7A.019	Malignant carcinoid tumor of the small intestine, unspecified portion	Diagnosis	ICD-10-CM
C7A.02	Malignant carcinoid tumors of the appendix, large intestine, and rectum	Diagnosis	ICD-10-CM
C7A.020	Malignant carcinoid tumor of the appendix	Diagnosis	ICD-10-CM
C7A.021	Malignant carcinoid tumor of the cecum	Diagnosis	ICD-10-CM
C7A.022	Malignant carcinoid tumor of the ascending colon	Diagnosis	ICD-10-CM
C7A.023	Malignant carcinoid tumor of the transverse colon	Diagnosis	ICD-10-CM
C7A.024	Malignant carcinoid tumor of the descending colon	Diagnosis	ICD-10-CM
C7A.025	Malignant carcinoid tumor of the sigmoid colon	Diagnosis	ICD-10-CM
C7A.026	Malignant carcinoid tumor of the rectum	Diagnosis	ICD-10-CM
C7A.029	Malignant carcinoid tumor of the large intestine, unspecified portion	Diagnosis	ICD-10-CM
C7A.09	Malignant carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7A.090	Malignant carcinoid tumor of the bronchus and lung	Diagnosis	ICD-10-CM
C7A.091	Malignant carcinoid tumor of the thymus	Diagnosis	ICD-10-CM
C7A.092	Malignant carcinoid tumor of the stomach	Diagnosis	ICD-10-CM
C7A.093	Malignant carcinoid tumor of the kidney	Diagnosis	ICD-10-CM
C7A.094	Malignant carcinoid tumor of the foregut, unspecified	Diagnosis	ICD-10-CM
C7A.095	Malignant carcinoid tumor of the midgut, unspecified	Diagnosis	ICD-10-CM
C7A.096	Malignant carcinoid tumor of the hindgut, unspecified	Diagnosis	ICD-10-CM
C7A.098	Malignant carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7A.1	Malignant poorly differentiated neuroendocrine tumors	Diagnosis	ICD-10-CM
C7A.8	Other malignant neuroendocrine tumors	Diagnosis	ICD-10-CM
C7B	Secondary neuroendocrine tumors	Diagnosis	ICD-10-CM
C7B.0	Secondary carcinoid tumors	Diagnosis	ICD-10-CM
C7B.00	Secondary carcinoid tumors, unspecified site	Diagnosis	ICD-10-CM
C7B.01	Secondary carcinoid tumors of distant lymph nodes	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C7B.02	Secondary carcinoid tumors of liver	Diagnosis	ICD-10-CM
C7B.03	Secondary carcinoid tumors of bone	Diagnosis	ICD-10-CM
C7B.04	Secondary carcinoid tumors of peritoneum	Diagnosis	ICD-10-CM
C7B.09	Secondary carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7B.1	Secondary Merkel cell carcinoma	Diagnosis	ICD-10-CM
C7B.8	Other secondary neuroendocrine tumors	Diagnosis	ICD-10-CM
C80.0	Disseminated malignant neoplasm, unspecified	Diagnosis	ICD-10-CM
C80.1	Malignant (primary) neoplasm, unspecified	Diagnosis	ICD-10-CM
C80.2	Malignant neoplasm associated with transplanted organ	Diagnosis	ICD-10-CM
C81.00	Nodular lymphocyte predominant Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.01	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.02	Nodular lymphocyte predominant Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.03	Nodular lymphocyte predominant Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.04	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.05	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.06	Nodular lymphocyte predominant Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.07	Nodular lymphocyte predominant Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.08	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.09	Nodular lymphocyte predominant Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.10	Nodular sclerosis Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.11	Nodular sclerosis Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.12	Nodular sclerosis Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.13	Nodular sclerosis Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.14	Nodular sclerosis Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.15	Nodular sclerosis Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.16	Nodular sclerosis Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.17	Nodular sclerosis Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.18	Nodular sclerosis Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.19	Nodular sclerosis Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

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

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C81.47	Lymphocyte-rich Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.48	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.49	Lymphocyte-rich Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.70	Other Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.71	Other Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.72	Other Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.73	Other Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.74	Other Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.75	Other Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.76	Other Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.77	Other Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.78	Other Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.79	Other Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.90	Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C81.91	Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.92	Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.93	Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.94	Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.95	Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.96	Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.97	Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C81.98	Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.99	Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.00	Follicular lymphoma grade I, unspecified site	Diagnosis	ICD-10-CM
C82.01	Follicular lymphoma grade I, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.02	Follicular lymphoma grade I, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.03	Follicular lymphoma grade I, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.04	Follicular lymphoma grade I, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.05	Follicular lymphoma grade I, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.06	Follicular lymphoma grade I, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.07	Follicular lymphoma grade I, spleen	Diagnosis	ICD-10-CM
C82.08	Follicular lymphoma grade I, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.09	Follicular lymphoma grade I, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.10	Follicular lymphoma grade II, unspecified site	Diagnosis	ICD-10-CM
C82.11	Follicular lymphoma grade II, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.12	Follicular lymphoma grade II, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.13	Follicular lymphoma grade II, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C82.14	Follicular lymphoma grade II, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.15	Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.16	Follicular lymphoma grade II, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.17	Follicular lymphoma grade II, spleen	Diagnosis	ICD-10-CM
C82.18	Follicular lymphoma grade II, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.19	Follicular lymphoma grade II, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.20	Follicular lymphoma grade III, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.21	Follicular lymphoma grade III, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.22	Follicular lymphoma grade III, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.23	Follicular lymphoma grade III, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.24	Follicular lymphoma grade III, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.25	Follicular lymphoma grade III, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.26	Follicular lymphoma grade III, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.27	Follicular lymphoma grade III, unspecified, spleen	Diagnosis	ICD-10-CM
C82.28	Follicular lymphoma grade III, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.29	Follicular lymphoma grade III, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.30	Follicular lymphoma grade IIIa, unspecified site	Diagnosis	ICD-10-CM
C82.31	Follicular lymphoma grade IIIa, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.32	Follicular lymphoma grade IIIa, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.33	Follicular lymphoma grade IIIa, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.34	Follicular lymphoma grade IIIa, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.35	Follicular lymphoma grade IIIa, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.36	Follicular lymphoma grade IIIa, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.37	Follicular lymphoma grade IIIa, spleen	Diagnosis	ICD-10-CM
C82.38	Follicular lymphoma grade IIIa, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.39	Follicular lymphoma grade IIIa, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.40	Follicular lymphoma grade IIIb, unspecified site	Diagnosis	ICD-10-CM
C82.41	Follicular lymphoma grade IIIb, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.42	Follicular lymphoma grade IIIb, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.43	Follicular lymphoma grade IIIb, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.44	Follicular lymphoma grade IIIb, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C82.45	Follicular lymphoma grade IIIb, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.46	Follicular lymphoma grade IIIb, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.47	Follicular lymphoma grade IIIb, spleen	Diagnosis	ICD-10-CM
C82.48	Follicular lymphoma grade IIIb, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.49	Follicular lymphoma grade IIIb, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.50	Diffuse follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.51	Diffuse follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.52	Diffuse follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.53	Diffuse follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.54	Diffuse follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.55	Diffuse follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.56	Diffuse follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.57	Diffuse follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.58	Diffuse follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.59	Diffuse follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.60	Cutaneous follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.61	Cutaneous follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.62	Cutaneous follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.63	Cutaneous follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.64	Cutaneous follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.65	Cutaneous follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.66	Cutaneous follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.67	Cutaneous follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.68	Cutaneous follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.69	Cutaneous follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.80	Other types of follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.81	Other types of follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.82	Other types of follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.83	Other types of follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.84	Other types of follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.85	Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.86	Other types of follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C82.87	Other types of follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C82.88	Other types of follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.89	Other types of follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.90	Follicular lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.91	Follicular lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.92	Follicular lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.93	Follicular lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.94	Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.95	Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.96	Follicular lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.97	Follicular lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C82.98	Follicular lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.99	Follicular lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.00	Small cell B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.01	Small cell B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.02	Small cell B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.03	Small cell B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.04	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.05	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.06	Small cell B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.07	Small cell B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.08	Small cell B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.09	Small cell B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.10	Mantle cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.11	Mantle cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.12	Mantle cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.13	Mantle cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.14	Mantle cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.15	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.16	Mantle cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.17	Mantle cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.18	Mantle cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.19	Mantle cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.30	Diffuse large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.31	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.32	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.33	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C83.34	Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.35	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.36	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.37	Diffuse large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.38	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.39	Diffuse large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.50	Lymphoblastic (diffuse) lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.51	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.52	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.53	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.54	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.55	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.56	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.57	Lymphoblastic (diffuse) lymphoma, spleen	Diagnosis	ICD-10-CM
C83.58	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.59	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.70	Burkitt lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.71	Burkitt lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.72	Burkitt lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.73	Burkitt lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.74	Burkitt lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.75	Burkitt lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.76	Burkitt lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.77	Burkitt lymphoma, spleen	Diagnosis	ICD-10-CM
C83.78	Burkitt lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.79	Burkitt lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.80	Other non-follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.81	Other non-follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.82	Other non-follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.83	Other non-follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.84	Other non-follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.85	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.86	Other non-follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.87	Other non-follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C83.88	Other non-follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C83.89	Other non-follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.90	Non-follicular (diffuse) lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C83.91	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.92	Non-follicular (diffuse) lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.93	Non-follicular (diffuse) lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.94	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.95	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.96	Non-follicular (diffuse) lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.97	Non-follicular (diffuse) lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C83.98	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.99	Non-follicular (diffuse) lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.00	Mycosis fungoides, unspecified site	Diagnosis	ICD-10-CM
C84.01	Mycosis fungoides, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.02	Mycosis fungoides, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.03	Mycosis fungoides, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.04	Mycosis fungoides, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.05	Mycosis fungoides, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.06	Mycosis fungoides, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.07	Mycosis fungoides, spleen	Diagnosis	ICD-10-CM
C84.08	Mycosis fungoides, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.09	Mycosis fungoides, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.10	Sezary disease, unspecified site	Diagnosis	ICD-10-CM
C84.11	Sezary disease, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.12	Sezary disease, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.13	Sezary disease, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.14	Sezary disease, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.15	Sezary disease, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.16	Sezary disease, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.17	Sezary disease, spleen	Diagnosis	ICD-10-CM
C84.18	Sezary disease, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.19	Sezary disease, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.40	Peripheral T-cell lymphoma, not classified, unspecified site	Diagnosis	ICD-10-CM
C84.41	Peripheral T-cell lymphoma, not classified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.42	Peripheral T-cell lymphoma, not classified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

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

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C84.78	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.79	Anaplastic large cell lymphoma, ALK-negative, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.90	Mature T/NK-cell lymphomas, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.91	Mature T/NK-cell lymphomas, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.92	Mature T/NK-cell lymphomas, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.93	Mature T/NK-cell lymphomas, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.94	Mature T/NK-cell lymphomas, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.95	Mature T/NK-cell lymphomas, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.96	Mature T/NK-cell lymphomas, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.97	Mature T/NK-cell lymphomas, unspecified, spleen	Diagnosis	ICD-10-CM
C84.98	Mature T/NK-cell lymphomas, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.99	Mature T/NK-cell lymphomas, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.A0	Cutaneous T-cell lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.A1	Cutaneous T-cell lymphoma, unspecified lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.A2	Cutaneous T-cell lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.A3	Cutaneous T-cell lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.A4	Cutaneous T-cell lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.A5	Cutaneous T-cell lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.A6	Cutaneous T-cell lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.A7	Cutaneous T-cell lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C84.A8	Cutaneous T-cell lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.A9	Cutaneous T-cell lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.Z0	Other mature T/NK-cell lymphomas, unspecified site	Diagnosis	ICD-10-CM
C84.Z1	Other mature T/NK-cell lymphomas, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.Z2	Other mature T/NK-cell lymphomas, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.Z3	Other mature T/NK-cell lymphomas, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C84.Z4	Other mature T/NK-cell lymphomas, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.Z5	Other mature T/NK-cell lymphomas, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.Z6	Other mature T/NK-cell lymphomas, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.Z7	Other mature T/NK-cell lymphomas, spleen	Diagnosis	ICD-10-CM
C84.Z8	Other mature T/NK-cell lymphomas, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.Z9	Other mature T/NK-cell lymphomas, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.10	Unspecified B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.11	Unspecified B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.12	Unspecified B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.13	Unspecified B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.14	Unspecified B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.15	Unspecified B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.16	Unspecified B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.17	Unspecified B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.18	Unspecified B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.19	Unspecified B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.20	Mediastinal (thymic) large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.21	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.22	Mediastinal (thymic) large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.23	Mediastinal (thymic) large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.24	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.25	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.26	Mediastinal (thymic) large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.27	Mediastinal (thymic) large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.28	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.29	Mediastinal (thymic) large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.80	Other specified types of non-Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.81	Other specified types of non-Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.82	Other specified types of non-Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C85.83	Other specified types of non-Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.84	Other specified types of non-Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.85	Other specified types of non-Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.86	Other specified types of non-Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.87	Other specified types of non-Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C85.88	Other specified types of non-Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.89	Other specified types of non-Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.90	Non-Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C85.91	Non-Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.92	Non-Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.93	Non-Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.94	Non-Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.95	Non-Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.96	Non-Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.97	Non-Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C85.98	Non-Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.99	Non-Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C86.0	Extranodal NK/T-cell lymphoma, nasal type	Diagnosis	ICD-10-CM
C86.1	Hepatosplenic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.2	Enteropathy-type (intestinal) T-cell lymphoma	Diagnosis	ICD-10-CM
C86.3	Subcutaneous panniculitis-like T-cell lymphoma	Diagnosis	ICD-10-CM
C86.4	Blastic NK-cell lymphoma	Diagnosis	ICD-10-CM
C86.5	Angioimmunoblastic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.6	Primary cutaneous CD30-positive T-cell proliferations	Diagnosis	ICD-10-CM
C88.0	Waldenstrom macroglobulinemia	Diagnosis	ICD-10-CM
C88.2	Heavy chain disease	Diagnosis	ICD-10-CM
C88.3	Immunoproliferative small intestinal disease	Diagnosis	ICD-10-CM
C88.4	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT-lymphoma]	Diagnosis	ICD-10-CM
C88.8	Other malignant immunoproliferative diseases	Diagnosis	ICD-10-CM
C88.9	Malignant immunoproliferative disease, unspecified	Diagnosis	ICD-10-CM
C90.00	Multiple myeloma not having achieved remission	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C90.01	Multiple myeloma in remission	Diagnosis	ICD-10-CM
C90.02	Multiple myeloma in relapse	Diagnosis	ICD-10-CM
C90.10	Plasma cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C90.11	Plasma cell leukemia in remission	Diagnosis	ICD-10-CM
C90.12	Plasma cell leukemia in relapse	Diagnosis	ICD-10-CM
C90.20	Extramedullary plasmacytoma not having achieved remission	Diagnosis	ICD-10-CM
C90.21	Extramedullary plasmacytoma in remission	Diagnosis	ICD-10-CM
C90.22	Extramedullary plasmacytoma in relapse	Diagnosis	ICD-10-CM
C90.30	Solitary plasmacytoma not having achieved remission	Diagnosis	ICD-10-CM
C90.31	Solitary plasmacytoma in remission	Diagnosis	ICD-10-CM
C90.32	Solitary plasmacytoma in relapse	Diagnosis	ICD-10-CM
C91.00	Acute lymphoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.01	Acute lymphoblastic leukemia, in remission	Diagnosis	ICD-10-CM
C91.02	Acute lymphoblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C91.10	Chronic lymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.11	Chronic lymphocytic leukemia of B-cell type in remission	Diagnosis	ICD-10-CM
C91.12	Chronic lymphocytic leukemia of B-cell type in relapse	Diagnosis	ICD-10-CM
C91.30	Prolymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.31	Prolymphocytic leukemia of B-cell type, in remission	Diagnosis	ICD-10-CM
C91.32	Prolymphocytic leukemia of B-cell type, in relapse	Diagnosis	ICD-10-CM
C91.40	Hairy cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.41	Hairy cell leukemia, in remission	Diagnosis	ICD-10-CM
C91.42	Hairy cell leukemia, in relapse	Diagnosis	ICD-10-CM
C91.50	Adult T-cell lymphoma/leukemia (HTLV-1-associated) not having achieved remission	Diagnosis	ICD-10-CM
C91.51	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in remission	Diagnosis	ICD-10-CM
C91.52	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in relapse	Diagnosis	ICD-10-CM
C91.60	Prolymphocytic leukemia of T-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.61	Prolymphocytic leukemia of T-cell type, in remission	Diagnosis	ICD-10-CM
C91.62	Prolymphocytic leukemia of T-cell type, in relapse	Diagnosis	ICD-10-CM
C91.90	Lymphoid leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C91.91	Lymphoid leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C91.92	Lymphoid leukemia, unspecified, in relapse	Diagnosis	ICD-10-CM
C91.A0	Mature B-cell leukemia Burkitt-type not having achieved remission	Diagnosis	ICD-10-CM
C91.A1	Mature B-cell leukemia Burkitt-type, in remission	Diagnosis	ICD-10-CM
C91.A2	Mature B-cell leukemia Burkitt-type, in relapse	Diagnosis	ICD-10-CM
C91.Z0	Other lymphoid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.Z1	Other lymphoid leukemia, in remission	Diagnosis	ICD-10-CM
C91.Z2	Other lymphoid leukemia, in relapse	Diagnosis	ICD-10-CM
C92.00	Acute myeloblastic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.01	Acute myeloblastic leukemia, in remission	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C92.02	Acute myeloblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.10	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	Diagnosis	ICD-10-CM
C92.11	Chronic myeloid leukemia, BCR/ABL-positive, in remission	Diagnosis	ICD-10-CM
C92.12	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	Diagnosis	ICD-10-CM
C92.20	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	Diagnosis	ICD-10-CM
C92.21	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission	Diagnosis	ICD-10-CM
C92.22	Atypical chronic myeloid leukemia, BCR/ABL-negative, in relapse	Diagnosis	ICD-10-CM
C92.30	Myeloid sarcoma, not having achieved remission	Diagnosis	ICD-10-CM
C92.31	Myeloid sarcoma, in remission	Diagnosis	ICD-10-CM
C92.32	Myeloid sarcoma, in relapse	Diagnosis	ICD-10-CM
C92.40	Acute promyelocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.41	Acute promyelocytic leukemia, in remission	Diagnosis	ICD-10-CM
C92.42	Acute promyelocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.50	Acute myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.51	Acute myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C92.52	Acute myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.60	Acute myeloid leukemia with 11q23-abnormality not having achieved remission	Diagnosis	ICD-10-CM
C92.61	Acute myeloid leukemia with 11q23-abnormality in remission	Diagnosis	ICD-10-CM
C92.62	Acute myeloid leukemia with 11q23-abnormality in relapse	Diagnosis	ICD-10-CM
C92.90	Myeloid leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C92.91	Myeloid leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C92.92	Myeloid leukemia, unspecified in relapse	Diagnosis	ICD-10-CM
C92.A0	Acute myeloid leukemia with multilineage dysplasia, not having achieved remission	Diagnosis	ICD-10-CM
C92.A1	Acute myeloid leukemia with multilineage dysplasia, in remission	Diagnosis	ICD-10-CM
C92.A2	Acute myeloid leukemia with multilineage dysplasia, in relapse	Diagnosis	ICD-10-CM
C92.Z0	Other myeloid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C92.Z1	Other myeloid leukemia, in remission	Diagnosis	ICD-10-CM
C92.Z2	Other myeloid leukemia, in relapse	Diagnosis	ICD-10-CM
C93.00	Acute monoblastic/monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.01	Acute monoblastic/monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.02	Acute monoblastic/monocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.10	Chronic myelomonocytic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C93.11	Chronic myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.12	Chronic myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.30	Juvenile myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.31	Juvenile myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.32	Juvenile myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.90	Monocytic leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C93.91	Monocytic leukemia, unspecified in remission	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C93.92	Monocytic leukemia, unspecified in relapse	Diagnosis	ICD-10-CM
C93.Z0	Other monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.Z1	Other monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.Z2	Other monocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C94.00	Acute erythroid leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C94.01	Acute erythroid leukemia, in remission	Diagnosis	ICD-10-CM
C94.02	Acute erythroid leukemia, in relapse	Diagnosis	ICD-10-CM
C94.20	Acute megakaryoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.21	Acute megakaryoblastic leukemia, in remission	Diagnosis	ICD-10-CM
C94.22	Acute megakaryoblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C94.30	Mast cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.31	Mast cell leukemia, in remission	Diagnosis	ICD-10-CM
C94.32	Mast cell leukemia, in relapse	Diagnosis	ICD-10-CM
C94.80	Other specified leukemias not having achieved remission	Diagnosis	ICD-10-CM
C94.81	Other specified leukemias, in remission	Diagnosis	ICD-10-CM
C94.82	Other specified leukemias, in relapse	Diagnosis	ICD-10-CM
C95.00	Acute leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.01	Acute leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.02	Acute leukemia of unspecified cell type, in relapse	Diagnosis	ICD-10-CM
C95.10	Chronic leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.11	Chronic leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.12	Chronic leukemia of unspecified cell type, in relapse	Diagnosis	ICD-10-CM
C95.90	Leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C95.91	Leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C95.92	Leukemia, unspecified, in relapse	Diagnosis	ICD-10-CM
C96.0	Multifocal and multisystemic (disseminated) Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM
C96.20	Malignant mast cell neoplasm, unspecified	Diagnosis	ICD-10-CM
C96.21	Aggressive systemic mastocytosis	Diagnosis	ICD-10-CM
C96.22	Mast cell sarcoma	Diagnosis	ICD-10-CM
C96.29	Other malignant mast cell neoplasm	Diagnosis	ICD-10-CM
C96.4	Sarcoma of dendritic cells (accessory cells)	Diagnosis	ICD-10-CM
C96.9	Malignant neoplasm of lymphoid, hematopoietic and related tissue, unspecified	Diagnosis	ICD-10-CM
C96.A	Histiocytic sarcoma	Diagnosis	ICD-10-CM
C96.Z	Other specified malignant neoplasms of lymphoid, hematopoietic and related tissue	Diagnosis	ICD-10-CM
D45	Polycythemia vera	Diagnosis	ICD-10-CM
D89.0	Polyclonal hypergammaglobulinemia	Diagnosis	ICD-10-CM
Z85.46	Personal history of malignant neoplasm of prostate	Diagnosis	ICD-10-CM
Other functional intestinal disorders			
K59	Other functional intestinal disorders	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
K59.1	Functional diarrhea	Diagnosis	ICD-10-CM
K59.2	Neurogenic bowel, not elsewhere classified	Diagnosis	ICD-10-CM
K59.3	Megacolon, not elsewhere classified	Diagnosis	ICD-10-CM
K59.31	Toxic megacolon	Diagnosis	ICD-10-CM
K59.39	Other megacolon	Diagnosis	ICD-10-CM
K59.4	Anal spasm	Diagnosis	ICD-10-CM
K59.8	Other specified functional intestinal disorders	Diagnosis	ICD-10-CM
K59.81	Ogilvie syndrome	Diagnosis	ICD-10-CM
K59.89	Other specified functional intestinal disorders	Diagnosis	ICD-10-CM
K59.9	Functional intestinal disorder, unspecified	Diagnosis	ICD-10-CM
Proton-pump inhibitors			
C9113	Injection, pantoprazole sodium, per vial	Procedure	HCPCS
J1370	Injection, esomeprazole sodium, 1 mg	Procedure	HCPCS
J2470	Injection, pantoprazole sodium, 40 mg	Procedure	HCPCS
J2472	Injection, pantoprazole sodium in sodium chloride (Baxter), 40 mg	Procedure	HCPCS
S0164	Injection, pantoprazole sodium, 40 mg	Procedure	HCPCS
Rheumatoid arthritis			
L40.50	Arthropathic psoriasis, unspecified	Diagnosis	ICD-10-CM
L40.51	Distal interphalangeal psoriatic arthropathy	Diagnosis	ICD-10-CM
L40.54	Psoriatic juvenile arthropathy	Diagnosis	ICD-10-CM
L40.59	Other psoriatic arthropathy	Diagnosis	ICD-10-CM
M05.00	Felty's syndrome, unspecified site	Diagnosis	ICD-10-CM
M05.011	Felty's syndrome, right shoulder	Diagnosis	ICD-10-CM
M05.012	Felty's syndrome, left shoulder	Diagnosis	ICD-10-CM
M05.019	Felty's syndrome, unspecified shoulder	Diagnosis	ICD-10-CM
M05.021	Felty's syndrome, right elbow	Diagnosis	ICD-10-CM
M05.022	Felty's syndrome, left elbow	Diagnosis	ICD-10-CM
M05.029	Felty's syndrome, unspecified elbow	Diagnosis	ICD-10-CM
M05.031	Felty's syndrome, right wrist	Diagnosis	ICD-10-CM
M05.032	Felty's syndrome, left wrist	Diagnosis	ICD-10-CM
M05.039	Felty's syndrome, unspecified wrist	Diagnosis	ICD-10-CM
M05.041	Felty's syndrome, right hand	Diagnosis	ICD-10-CM
M05.042	Felty's syndrome, left hand	Diagnosis	ICD-10-CM
M05.049	Felty's syndrome, unspecified hand	Diagnosis	ICD-10-CM
M05.051	Felty's syndrome, right hip	Diagnosis	ICD-10-CM
M05.052	Felty's syndrome, left hip	Diagnosis	ICD-10-CM
M05.059	Felty's syndrome, unspecified hip	Diagnosis	ICD-10-CM
M05.061	Felty's syndrome, right knee	Diagnosis	ICD-10-CM
M05.062	Felty's syndrome, left knee	Diagnosis	ICD-10-CM
M05.069	Felty's syndrome, unspecified knee	Diagnosis	ICD-10-CM
M05.071	Felty's syndrome, right ankle and foot	Diagnosis	ICD-10-CM
M05.072	Felty's syndrome, left ankle and foot	Diagnosis	ICD-10-CM
M05.079	Felty's syndrome, unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.09	Felty's syndrome, multiple sites	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M05.10	Rheumatoid lung disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.111	Rheumatoid lung disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.112	Rheumatoid lung disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.119	Rheumatoid lung disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.121	Rheumatoid lung disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.122	Rheumatoid lung disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.129	Rheumatoid lung disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.131	Rheumatoid lung disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.132	Rheumatoid lung disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.139	Rheumatoid lung disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.141	Rheumatoid lung disease with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.142	Rheumatoid lung disease with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.149	Rheumatoid lung disease with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.151	Rheumatoid lung disease with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.152	Rheumatoid lung disease with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.159	Rheumatoid lung disease with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.161	Rheumatoid lung disease with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.162	Rheumatoid lung disease with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.169	Rheumatoid lung disease with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.171	Rheumatoid lung disease with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.172	Rheumatoid lung disease with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.179	Rheumatoid lung disease with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.19	Rheumatoid lung disease with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.20	Rheumatoid vasculitis with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.211	Rheumatoid vasculitis with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.212	Rheumatoid vasculitis with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.219	Rheumatoid vasculitis with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.221	Rheumatoid vasculitis with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.222	Rheumatoid vasculitis with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M05.229	Rheumatoid vasculitis with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.231	Rheumatoid vasculitis with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.232	Rheumatoid vasculitis with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.239	Rheumatoid vasculitis with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.241	Rheumatoid vasculitis with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.242	Rheumatoid vasculitis with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.249	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.251	Rheumatoid vasculitis with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.252	Rheumatoid vasculitis with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.259	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.261	Rheumatoid vasculitis with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.262	Rheumatoid vasculitis with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.269	Rheumatoid vasculitis with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.271	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.272	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.279	Rheumatoid vasculitis with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.29	Rheumatoid vasculitis with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.30	Rheumatoid heart disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.311	Rheumatoid heart disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.312	Rheumatoid heart disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.319	Rheumatoid heart disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.321	Rheumatoid heart disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.322	Rheumatoid heart disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.329	Rheumatoid heart disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.331	Rheumatoid heart disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.332	Rheumatoid heart disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.339	Rheumatoid heart disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.341	Rheumatoid heart disease with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.342	Rheumatoid heart disease with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.349	Rheumatoid heart disease with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M05.351	Rheumatoid heart disease with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.352	Rheumatoid heart disease with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.359	Rheumatoid heart disease with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.361	Rheumatoid heart disease with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.362	Rheumatoid heart disease with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.369	Rheumatoid heart disease with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.371	Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.372	Rheumatoid heart disease with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.379	Rheumatoid heart disease with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.39	Rheumatoid heart disease with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.40	Rheumatoid myopathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.411	Rheumatoid myopathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.412	Rheumatoid myopathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.419	Rheumatoid myopathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.421	Rheumatoid myopathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.422	Rheumatoid myopathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.429	Rheumatoid myopathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.431	Rheumatoid myopathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.432	Rheumatoid myopathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.439	Rheumatoid myopathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.441	Rheumatoid myopathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.442	Rheumatoid myopathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.449	Rheumatoid myopathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.451	Rheumatoid myopathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.452	Rheumatoid myopathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.459	Rheumatoid myopathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.461	Rheumatoid myopathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.462	Rheumatoid myopathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.469	Rheumatoid myopathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.471	Rheumatoid myopathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M05.472	Rheumatoid myopathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.479	Rheumatoid myopathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.49	Rheumatoid myopathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.50	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.511	Rheumatoid polyneuropathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.512	Rheumatoid polyneuropathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.519	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.521	Rheumatoid polyneuropathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.522	Rheumatoid polyneuropathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.529	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.531	Rheumatoid polyneuropathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.532	Rheumatoid polyneuropathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.539	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.541	Rheumatoid polyneuropathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.542	Rheumatoid polyneuropathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.549	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.551	Rheumatoid polyneuropathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.552	Rheumatoid polyneuropathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.559	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.561	Rheumatoid polyneuropathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.562	Rheumatoid polyneuropathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.569	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.571	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.572	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M05.579	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.59	Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.60	Rheumatoid arthritis of unspecified site with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.611	Rheumatoid arthritis of right shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.612	Rheumatoid arthritis of left shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.619	Rheumatoid arthritis of unspecified shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.621	Rheumatoid arthritis of right elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.622	Rheumatoid arthritis of left elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.629	Rheumatoid arthritis of unspecified elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.631	Rheumatoid arthritis of right wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.632	Rheumatoid arthritis of left wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.639	Rheumatoid arthritis of unspecified wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.641	Rheumatoid arthritis of right hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.642	Rheumatoid arthritis of left hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.649	Rheumatoid arthritis of unspecified hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.651	Rheumatoid arthritis of right hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.652	Rheumatoid arthritis of left hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.659	Rheumatoid arthritis of unspecified hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.661	Rheumatoid arthritis of right knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.662	Rheumatoid arthritis of left knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.669	Rheumatoid arthritis of unspecified knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.671	Rheumatoid arthritis of right ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M05.672	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.679	Rheumatoid arthritis of unspecified ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.69	Rheumatoid arthritis of multiple sites with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.70	Rheumatoid arthritis with rheumatoid factor of unspecified site without organ or systems involvement	Diagnosis	ICD-10-CM
M05.711	Rheumatoid arthritis with rheumatoid factor of right shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.712	Rheumatoid arthritis with rheumatoid factor of left shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.719	Rheumatoid arthritis with rheumatoid factor of unspecified shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.721	Rheumatoid arthritis with rheumatoid factor of right elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.722	Rheumatoid arthritis with rheumatoid factor of left elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.729	Rheumatoid arthritis with rheumatoid factor of unspecified elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.731	Rheumatoid arthritis with rheumatoid factor of right wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.732	Rheumatoid arthritis with rheumatoid factor of left wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.739	Rheumatoid arthritis with rheumatoid factor of unspecified wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.741	Rheumatoid arthritis with rheumatoid factor of right hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.742	Rheumatoid arthritis with rheumatoid factor of left hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.749	Rheumatoid arthritis with rheumatoid factor of unspecified hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.751	Rheumatoid arthritis with rheumatoid factor of right hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.752	Rheumatoid arthritis with rheumatoid factor of left hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.759	Rheumatoid arthritis with rheumatoid factor of unspecified hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.761	Rheumatoid arthritis with rheumatoid factor of right knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.762	Rheumatoid arthritis with rheumatoid factor of left knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.769	Rheumatoid arthritis with rheumatoid factor of unspecified knee without organ or systems involvement	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M05.771	Rheumatoid arthritis with rheumatoid factor of right ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.772	Rheumatoid arthritis with rheumatoid factor of left ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.779	Rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.79	Rheumatoid arthritis with rheumatoid factor of multiple sites without organ or systems involvement	Diagnosis	ICD-10-CM
M05.7A	Rheumatoid arthritis with rheumatoid factor of other specified site without organ or systems involvement	Diagnosis	ICD-10-CM
M05.80	Other rheumatoid arthritis with rheumatoid factor of unspecified site	Diagnosis	ICD-10-CM
M05.811	Other rheumatoid arthritis with rheumatoid factor of right shoulder	Diagnosis	ICD-10-CM
M05.812	Other rheumatoid arthritis with rheumatoid factor of left shoulder	Diagnosis	ICD-10-CM
M05.819	Other rheumatoid arthritis with rheumatoid factor of unspecified shoulder	Diagnosis	ICD-10-CM
M05.821	Other rheumatoid arthritis with rheumatoid factor of right elbow	Diagnosis	ICD-10-CM
M05.822	Other rheumatoid arthritis with rheumatoid factor of left elbow	Diagnosis	ICD-10-CM
M05.829	Other rheumatoid arthritis with rheumatoid factor of unspecified elbow	Diagnosis	ICD-10-CM
M05.831	Other rheumatoid arthritis with rheumatoid factor of right wrist	Diagnosis	ICD-10-CM
M05.832	Other rheumatoid arthritis with rheumatoid factor of left wrist	Diagnosis	ICD-10-CM
M05.839	Other rheumatoid arthritis with rheumatoid factor of unspecified wrist	Diagnosis	ICD-10-CM
M05.841	Other rheumatoid arthritis with rheumatoid factor of right hand	Diagnosis	ICD-10-CM
M05.842	Other rheumatoid arthritis with rheumatoid factor of left hand	Diagnosis	ICD-10-CM
M05.849	Other rheumatoid arthritis with rheumatoid factor of unspecified hand	Diagnosis	ICD-10-CM
M05.851	Other rheumatoid arthritis with rheumatoid factor of right hip	Diagnosis	ICD-10-CM
M05.852	Other rheumatoid arthritis with rheumatoid factor of left hip	Diagnosis	ICD-10-CM
M05.859	Other rheumatoid arthritis with rheumatoid factor of unspecified hip	Diagnosis	ICD-10-CM
M05.861	Other rheumatoid arthritis with rheumatoid factor of right knee	Diagnosis	ICD-10-CM
M05.862	Other rheumatoid arthritis with rheumatoid factor of left knee	Diagnosis	ICD-10-CM
M05.869	Other rheumatoid arthritis with rheumatoid factor of unspecified knee	Diagnosis	ICD-10-CM
M05.871	Other rheumatoid arthritis with rheumatoid factor of right ankle and foot	Diagnosis	ICD-10-CM
M05.872	Other rheumatoid arthritis with rheumatoid factor of left ankle and foot	Diagnosis	ICD-10-CM
M05.879	Other rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M05.89	Other rheumatoid arthritis with rheumatoid factor of multiple sites	Diagnosis	ICD-10-CM
M05.8A	Other rheumatoid arthritis with rheumatoid factor of other specified site	Diagnosis	ICD-10-CM
M05.9	Rheumatoid arthritis with rheumatoid factor, unspecified	Diagnosis	ICD-10-CM
M06.00	Rheumatoid arthritis without rheumatoid factor, unspecified site	Diagnosis	ICD-10-CM
M06.011	Rheumatoid arthritis without rheumatoid factor, right shoulder	Diagnosis	ICD-10-CM
M06.012	Rheumatoid arthritis without rheumatoid factor, left shoulder	Diagnosis	ICD-10-CM
M06.019	Rheumatoid arthritis without rheumatoid factor, unspecified shoulder	Diagnosis	ICD-10-CM
M06.021	Rheumatoid arthritis without rheumatoid factor, right elbow	Diagnosis	ICD-10-CM
M06.022	Rheumatoid arthritis without rheumatoid factor, left elbow	Diagnosis	ICD-10-CM
M06.029	Rheumatoid arthritis without rheumatoid factor, unspecified elbow	Diagnosis	ICD-10-CM
M06.031	Rheumatoid arthritis without rheumatoid factor, right wrist	Diagnosis	ICD-10-CM
M06.032	Rheumatoid arthritis without rheumatoid factor, left wrist	Diagnosis	ICD-10-CM
M06.039	Rheumatoid arthritis without rheumatoid factor, unspecified wrist	Diagnosis	ICD-10-CM
M06.041	Rheumatoid arthritis without rheumatoid factor, right hand	Diagnosis	ICD-10-CM
M06.042	Rheumatoid arthritis without rheumatoid factor, left hand	Diagnosis	ICD-10-CM
M06.049	Rheumatoid arthritis without rheumatoid factor, unspecified hand	Diagnosis	ICD-10-CM
M06.051	Rheumatoid arthritis without rheumatoid factor, right hip	Diagnosis	ICD-10-CM
M06.052	Rheumatoid arthritis without rheumatoid factor, left hip	Diagnosis	ICD-10-CM
M06.059	Rheumatoid arthritis without rheumatoid factor, unspecified hip	Diagnosis	ICD-10-CM
M06.061	Rheumatoid arthritis without rheumatoid factor, right knee	Diagnosis	ICD-10-CM
M06.062	Rheumatoid arthritis without rheumatoid factor, left knee	Diagnosis	ICD-10-CM
M06.069	Rheumatoid arthritis without rheumatoid factor, unspecified knee	Diagnosis	ICD-10-CM
M06.071	Rheumatoid arthritis without rheumatoid factor, right ankle and foot	Diagnosis	ICD-10-CM
M06.072	Rheumatoid arthritis without rheumatoid factor, left ankle and foot	Diagnosis	ICD-10-CM
M06.079	Rheumatoid arthritis without rheumatoid factor, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.08	Rheumatoid arthritis without rheumatoid factor, vertebrae	Diagnosis	ICD-10-CM
M06.09	Rheumatoid arthritis without rheumatoid factor, multiple sites	Diagnosis	ICD-10-CM
M06.0A	Rheumatoid arthritis without rheumatoid factor, other specified site	Diagnosis	ICD-10-CM
M06.1	Adult-onset Still's disease	Diagnosis	ICD-10-CM
M06.20	Rheumatoid bursitis, unspecified site	Diagnosis	ICD-10-CM
M06.211	Rheumatoid bursitis, right shoulder	Diagnosis	ICD-10-CM
M06.212	Rheumatoid bursitis, left shoulder	Diagnosis	ICD-10-CM
M06.219	Rheumatoid bursitis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.221	Rheumatoid bursitis, right elbow	Diagnosis	ICD-10-CM
M06.222	Rheumatoid bursitis, left elbow	Diagnosis	ICD-10-CM
M06.229	Rheumatoid bursitis, unspecified elbow	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M06.231	Rheumatoid bursitis, right wrist	Diagnosis	ICD-10-CM
M06.232	Rheumatoid bursitis, left wrist	Diagnosis	ICD-10-CM
M06.239	Rheumatoid bursitis, unspecified wrist	Diagnosis	ICD-10-CM
M06.241	Rheumatoid bursitis, right hand	Diagnosis	ICD-10-CM
M06.242	Rheumatoid bursitis, left hand	Diagnosis	ICD-10-CM
M06.249	Rheumatoid bursitis, unspecified hand	Diagnosis	ICD-10-CM
M06.251	Rheumatoid bursitis, right hip	Diagnosis	ICD-10-CM
M06.252	Rheumatoid bursitis, left hip	Diagnosis	ICD-10-CM
M06.259	Rheumatoid bursitis, unspecified hip	Diagnosis	ICD-10-CM
M06.261	Rheumatoid bursitis, right knee	Diagnosis	ICD-10-CM
M06.262	Rheumatoid bursitis, left knee	Diagnosis	ICD-10-CM
M06.269	Rheumatoid bursitis, unspecified knee	Diagnosis	ICD-10-CM
M06.271	Rheumatoid bursitis, right ankle and foot	Diagnosis	ICD-10-CM
M06.272	Rheumatoid bursitis, left ankle and foot	Diagnosis	ICD-10-CM
M06.279	Rheumatoid bursitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.28	Rheumatoid bursitis, vertebrae	Diagnosis	ICD-10-CM
M06.29	Rheumatoid bursitis, multiple sites	Diagnosis	ICD-10-CM
M06.30	Rheumatoid nodule, unspecified site	Diagnosis	ICD-10-CM
M06.311	Rheumatoid nodule, right shoulder	Diagnosis	ICD-10-CM
M06.312	Rheumatoid nodule, left shoulder	Diagnosis	ICD-10-CM
M06.319	Rheumatoid nodule, unspecified shoulder	Diagnosis	ICD-10-CM
M06.321	Rheumatoid nodule, right elbow	Diagnosis	ICD-10-CM
M06.322	Rheumatoid nodule, left elbow	Diagnosis	ICD-10-CM
M06.329	Rheumatoid nodule, unspecified elbow	Diagnosis	ICD-10-CM
M06.331	Rheumatoid nodule, right wrist	Diagnosis	ICD-10-CM
M06.332	Rheumatoid nodule, left wrist	Diagnosis	ICD-10-CM
M06.339	Rheumatoid nodule, unspecified wrist	Diagnosis	ICD-10-CM
M06.341	Rheumatoid nodule, right hand	Diagnosis	ICD-10-CM
M06.342	Rheumatoid nodule, left hand	Diagnosis	ICD-10-CM
M06.349	Rheumatoid nodule, unspecified hand	Diagnosis	ICD-10-CM
M06.351	Rheumatoid nodule, right hip	Diagnosis	ICD-10-CM
M06.352	Rheumatoid nodule, left hip	Diagnosis	ICD-10-CM
M06.359	Rheumatoid nodule, unspecified hip	Diagnosis	ICD-10-CM
M06.361	Rheumatoid nodule, right knee	Diagnosis	ICD-10-CM
M06.362	Rheumatoid nodule, left knee	Diagnosis	ICD-10-CM
M06.369	Rheumatoid nodule, unspecified knee	Diagnosis	ICD-10-CM
M06.371	Rheumatoid nodule, right ankle and foot	Diagnosis	ICD-10-CM
M06.372	Rheumatoid nodule, left ankle and foot	Diagnosis	ICD-10-CM
M06.379	Rheumatoid nodule, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.38	Rheumatoid nodule, vertebrae	Diagnosis	ICD-10-CM
M06.39	Rheumatoid nodule, multiple sites	Diagnosis	ICD-10-CM
M06.80	Other specified rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM
M06.811	Other specified rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M06.812	Other specified rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M06.819	Other specified rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.821	Other specified rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M06.822	Other specified rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M06.829	Other specified rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M06.831	Other specified rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M06.832	Other specified rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M06.839	Other specified rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M06.841	Other specified rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M06.842	Other specified rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M06.849	Other specified rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M06.851	Other specified rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M06.852	Other specified rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M06.859	Other specified rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M06.861	Other specified rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M06.862	Other specified rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M06.869	Other specified rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M06.871	Other specified rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M06.872	Other specified rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M06.879	Other specified rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.88	Other specified rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M06.89	Other specified rheumatoid arthritis, multiple sites	Diagnosis	ICD-10-CM
M06.8A	Other specified rheumatoid arthritis, other specified site	Diagnosis	ICD-10-CM
M06.9	Rheumatoid arthritis, unspecified	Diagnosis	ICD-10-CM
M08.00	Unspecified juvenile rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M08.011	Unspecified juvenile rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.012	Unspecified juvenile rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.019	Unspecified juvenile rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.021	Unspecified juvenile rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M08.022	Unspecified juvenile rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M08.029	Unspecified juvenile rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.031	Unspecified juvenile rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M08.032	Unspecified juvenile rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M08.039	Unspecified juvenile rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.041	Unspecified juvenile rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M08.042	Unspecified juvenile rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M08.049	Unspecified juvenile rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.051	Unspecified juvenile rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M08.052	Unspecified juvenile rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M08.059	Unspecified juvenile rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.061	Unspecified juvenile rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M08.062	Unspecified juvenile rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M08.069	Unspecified juvenile rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.071	Unspecified juvenile rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.072	Unspecified juvenile rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M08.079	Unspecified juvenile rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.08	Unspecified juvenile rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M08.09	Unspecified juvenile rheumatoid arthritis, multiple sites	Diagnosis	ICD-10-CM
M08.0A	Unspecified juvenile rheumatoid arthritis, other specified site	Diagnosis	ICD-10-CM
M08.1	Juvenile ankylosing spondylitis	Diagnosis	ICD-10-CM
M08.20	Juvenile rheumatoid arthritis with systemic onset, unspecified site	Diagnosis	ICD-10-CM
M08.211	Juvenile rheumatoid arthritis with systemic onset, right shoulder	Diagnosis	ICD-10-CM
M08.212	Juvenile rheumatoid arthritis with systemic onset, left shoulder	Diagnosis	ICD-10-CM
M08.219	Juvenile rheumatoid arthritis with systemic onset, unspecified shoulder	Diagnosis	ICD-10-CM
M08.221	Juvenile rheumatoid arthritis with systemic onset, right elbow	Diagnosis	ICD-10-CM
M08.222	Juvenile rheumatoid arthritis with systemic onset, left elbow	Diagnosis	ICD-10-CM
M08.229	Juvenile rheumatoid arthritis with systemic onset, unspecified elbow	Diagnosis	ICD-10-CM
M08.231	Juvenile rheumatoid arthritis with systemic onset, right wrist	Diagnosis	ICD-10-CM
M08.232	Juvenile rheumatoid arthritis with systemic onset, left wrist	Diagnosis	ICD-10-CM
M08.239	Juvenile rheumatoid arthritis with systemic onset, unspecified wrist	Diagnosis	ICD-10-CM
M08.241	Juvenile rheumatoid arthritis with systemic onset, right hand	Diagnosis	ICD-10-CM
M08.242	Juvenile rheumatoid arthritis with systemic onset, left hand	Diagnosis	ICD-10-CM
M08.249	Juvenile rheumatoid arthritis with systemic onset, unspecified hand	Diagnosis	ICD-10-CM
M08.251	Juvenile rheumatoid arthritis with systemic onset, right hip	Diagnosis	ICD-10-CM
M08.252	Juvenile rheumatoid arthritis with systemic onset, left hip	Diagnosis	ICD-10-CM
M08.259	Juvenile rheumatoid arthritis with systemic onset, unspecified hip	Diagnosis	ICD-10-CM
M08.261	Juvenile rheumatoid arthritis with systemic onset, right knee	Diagnosis	ICD-10-CM
M08.262	Juvenile rheumatoid arthritis with systemic onset, left knee	Diagnosis	ICD-10-CM
M08.269	Juvenile rheumatoid arthritis with systemic onset, unspecified knee	Diagnosis	ICD-10-CM
M08.271	Juvenile rheumatoid arthritis with systemic onset, right ankle and foot	Diagnosis	ICD-10-CM
M08.272	Juvenile rheumatoid arthritis with systemic onset, left ankle and foot	Diagnosis	ICD-10-CM
M08.279	Juvenile rheumatoid arthritis with systemic onset, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.28	Juvenile rheumatoid arthritis with systemic onset, vertebrae	Diagnosis	ICD-10-CM
M08.29	Juvenile rheumatoid arthritis with systemic onset, multiple sites	Diagnosis	ICD-10-CM
M08.2A	Juvenile rheumatoid arthritis with systemic onset, other specified site	Diagnosis	ICD-10-CM
M08.3	Juvenile rheumatoid polyarthritis (seronegative)	Diagnosis	ICD-10-CM
M08.40	Pauciarticular juvenile rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM
M08.411	Pauciarticular juvenile rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.412	Pauciarticular juvenile rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M08.419	Pauciarticular juvenile rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.421	Pauciarticular juvenile rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M08.422	Pauciarticular juvenile rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M08.429	Pauciarticular juvenile rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.431	Pauciarticular juvenile rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M08.432	Pauciarticular juvenile rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M08.439	Pauciarticular juvenile rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.441	Pauciarticular juvenile rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M08.442	Pauciarticular juvenile rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M08.449	Pauciarticular juvenile rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.451	Pauciarticular juvenile rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M08.452	Pauciarticular juvenile rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M08.459	Pauciarticular juvenile rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.461	Pauciarticular juvenile rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M08.462	Pauciarticular juvenile rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M08.469	Pauciarticular juvenile rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.471	Pauciarticular juvenile rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.472	Pauciarticular juvenile rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.479	Pauciarticular juvenile rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.48	Pauciarticular juvenile rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M08.4A	Pauciarticular juvenile rheumatoid arthritis, other specified site	Diagnosis	ICD-10-CM
M08.80	Other juvenile arthritis, unspecified site	Diagnosis	ICD-10-CM
M08.811	Other juvenile arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.812	Other juvenile arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.819	Other juvenile arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.821	Other juvenile arthritis, right elbow	Diagnosis	ICD-10-CM
M08.822	Other juvenile arthritis, left elbow	Diagnosis	ICD-10-CM
M08.829	Other juvenile arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.831	Other juvenile arthritis, right wrist	Diagnosis	ICD-10-CM
M08.832	Other juvenile arthritis, left wrist	Diagnosis	ICD-10-CM
M08.839	Other juvenile arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.841	Other juvenile arthritis, right hand	Diagnosis	ICD-10-CM
M08.842	Other juvenile arthritis, left hand	Diagnosis	ICD-10-CM
M08.849	Other juvenile arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.851	Other juvenile arthritis, right hip	Diagnosis	ICD-10-CM
M08.852	Other juvenile arthritis, left hip	Diagnosis	ICD-10-CM
M08.859	Other juvenile arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.861	Other juvenile arthritis, right knee	Diagnosis	ICD-10-CM
M08.862	Other juvenile arthritis, left knee	Diagnosis	ICD-10-CM
M08.869	Other juvenile arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.871	Other juvenile arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.872	Other juvenile arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.879	Other juvenile arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M08.88	Other juvenile arthritis, other specified site	Diagnosis	ICD-10-CM
M08.89	Other juvenile arthritis, multiple sites	Diagnosis	ICD-10-CM
M08.90	Juvenile arthritis, unspecified, unspecified site	Diagnosis	ICD-10-CM
M08.911	Juvenile arthritis, unspecified, right shoulder	Diagnosis	ICD-10-CM
M08.912	Juvenile arthritis, unspecified, left shoulder	Diagnosis	ICD-10-CM
M08.919	Juvenile arthritis, unspecified, unspecified shoulder	Diagnosis	ICD-10-CM
M08.921	Juvenile arthritis, unspecified, right elbow	Diagnosis	ICD-10-CM
M08.922	Juvenile arthritis, unspecified, left elbow	Diagnosis	ICD-10-CM
M08.929	Juvenile arthritis, unspecified, unspecified elbow	Diagnosis	ICD-10-CM
M08.931	Juvenile arthritis, unspecified, right wrist	Diagnosis	ICD-10-CM
M08.932	Juvenile arthritis, unspecified, left wrist	Diagnosis	ICD-10-CM
M08.939	Juvenile arthritis, unspecified, unspecified wrist	Diagnosis	ICD-10-CM
M08.941	Juvenile arthritis, unspecified, right hand	Diagnosis	ICD-10-CM
M08.942	Juvenile arthritis, unspecified, left hand	Diagnosis	ICD-10-CM
M08.949	Juvenile arthritis, unspecified, unspecified hand	Diagnosis	ICD-10-CM
M08.951	Juvenile arthritis, unspecified, right hip	Diagnosis	ICD-10-CM
M08.952	Juvenile arthritis, unspecified, left hip	Diagnosis	ICD-10-CM
M08.959	Juvenile arthritis, unspecified, unspecified hip	Diagnosis	ICD-10-CM
M08.961	Juvenile arthritis, unspecified, right knee	Diagnosis	ICD-10-CM
M08.962	Juvenile arthritis, unspecified, left knee	Diagnosis	ICD-10-CM
M08.969	Juvenile arthritis, unspecified, unspecified knee	Diagnosis	ICD-10-CM
M08.971	Juvenile arthritis, unspecified, right ankle and foot	Diagnosis	ICD-10-CM
M08.972	Juvenile arthritis, unspecified, left ankle and foot	Diagnosis	ICD-10-CM
M08.979	Juvenile arthritis, unspecified, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.98	Juvenile arthritis, unspecified, vertebrae	Diagnosis	ICD-10-CM
M08.99	Juvenile arthritis, unspecified, multiple sites	Diagnosis	ICD-10-CM
M08.9A	Juvenile arthritis, unspecified, other specified site	Diagnosis	ICD-10-CM
M15.0	Primary generalized (osteo)arthritis	Diagnosis	ICD-10-CM
M15.1	Heberden's nodes (with arthropathy)	Diagnosis	ICD-10-CM
M15.2	Bouchard's nodes (with arthropathy)	Diagnosis	ICD-10-CM
M15.3	Secondary multiple arthritis	Diagnosis	ICD-10-CM
M15.4	Erosive (osteo)arthritis	Diagnosis	ICD-10-CM
M15.8	Other polyosteoarthritis	Diagnosis	ICD-10-CM
M15.9	Polyosteoarthritis, unspecified	Diagnosis	ICD-10-CM
M16.0	Bilateral primary osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.10	Unilateral primary osteoarthritis, unspecified hip	Diagnosis	ICD-10-CM
M16.11	Unilateral primary osteoarthritis, right hip	Diagnosis	ICD-10-CM
M16.12	Unilateral primary osteoarthritis, left hip	Diagnosis	ICD-10-CM
M16.2	Bilateral osteoarthritis resulting from hip dysplasia	Diagnosis	ICD-10-CM
M16.30	Unilateral osteoarthritis resulting from hip dysplasia, unspecified hip	Diagnosis	ICD-10-CM
M16.31	Unilateral osteoarthritis resulting from hip dysplasia, right hip	Diagnosis	ICD-10-CM
M16.32	Unilateral osteoarthritis resulting from hip dysplasia, left hip	Diagnosis	ICD-10-CM
M16.4	Bilateral post-traumatic osteoarthritis of hip	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M16.50	Unilateral post-traumatic osteoarthritis, unspecified hip	Diagnosis	ICD-10-CM
M16.51	Unilateral post-traumatic osteoarthritis, right hip	Diagnosis	ICD-10-CM
M16.52	Unilateral post-traumatic osteoarthritis, left hip	Diagnosis	ICD-10-CM
M16.6	Other bilateral secondary osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.7	Other unilateral secondary osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.9	Osteoarthritis of hip, unspecified	Diagnosis	ICD-10-CM
M17.0	Bilateral primary osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.10	Unilateral primary osteoarthritis, unspecified knee	Diagnosis	ICD-10-CM
M17.11	Unilateral primary osteoarthritis, right knee	Diagnosis	ICD-10-CM
M17.12	Unilateral primary osteoarthritis, left knee	Diagnosis	ICD-10-CM
M17.2	Bilateral post-traumatic osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.30	Unilateral post-traumatic osteoarthritis, unspecified knee	Diagnosis	ICD-10-CM
M17.31	Unilateral post-traumatic osteoarthritis, right knee	Diagnosis	ICD-10-CM
M17.32	Unilateral post-traumatic osteoarthritis, left knee	Diagnosis	ICD-10-CM
M17.4	Other bilateral secondary osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.5	Other unilateral secondary osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.9	Osteoarthritis of knee, unspecified	Diagnosis	ICD-10-CM
M18.0	Bilateral primary osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM
M18.10	Unilateral primary osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM
M18.11	Unilateral primary osteoarthritis of first carpometacarpal joint, right hand	Diagnosis	ICD-10-CM
M18.12	Unilateral primary osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
M18.2	Bilateral post-traumatic osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM
M18.30	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM
M18.31	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, right hand	Diagnosis	ICD-10-CM
M18.32	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
M18.4	Other bilateral secondary osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM
M18.50	Other unilateral secondary osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM
M18.51	Other unilateral secondary osteoarthritis of first carpometacarpal joint, right hand	Diagnosis	ICD-10-CM
M18.52	Other unilateral secondary osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
M18.9	Osteoarthritis of first carpometacarpal joint, unspecified	Diagnosis	ICD-10-CM
M19.011	Primary osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
M19.012	Primary osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
M19.019	Primary osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M19.021	Primary osteoarthritis, right elbow	Diagnosis	ICD-10-CM
M19.022	Primary osteoarthritis, left elbow	Diagnosis	ICD-10-CM
M19.029	Primary osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
M19.031	Primary osteoarthritis, right wrist	Diagnosis	ICD-10-CM
M19.032	Primary osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.039	Primary osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.041	Primary osteoarthritis, right hand	Diagnosis	ICD-10-CM
M19.042	Primary osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.049	Primary osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.071	Primary osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.072	Primary osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.079	Primary osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M19.09	Primary osteoarthritis, other specified site	Diagnosis	ICD-10-CM
M19.111	Post-traumatic osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
M19.112	Post-traumatic osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
M19.119	Post-traumatic osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M19.121	Post-traumatic osteoarthritis, right elbow	Diagnosis	ICD-10-CM
M19.122	Post-traumatic osteoarthritis, left elbow	Diagnosis	ICD-10-CM
M19.129	Post-traumatic osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
M19.131	Post-traumatic osteoarthritis, right wrist	Diagnosis	ICD-10-CM
M19.132	Post-traumatic osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.139	Post-traumatic osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.141	Post-traumatic osteoarthritis, right hand	Diagnosis	ICD-10-CM
M19.142	Post-traumatic osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.149	Post-traumatic osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.171	Post-traumatic osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.172	Post-traumatic osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.179	Post-traumatic osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M19.19	Post-traumatic osteoarthritis, other specified site	Diagnosis	ICD-10-CM
M19.211	Secondary osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
M19.212	Secondary osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
M19.219	Secondary osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M19.221	Secondary osteoarthritis, right elbow	Diagnosis	ICD-10-CM
M19.222	Secondary osteoarthritis, left elbow	Diagnosis	ICD-10-CM
M19.229	Secondary osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
M19.231	Secondary osteoarthritis, right wrist	Diagnosis	ICD-10-CM
M19.232	Secondary osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.239	Secondary osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.241	Secondary osteoarthritis, right hand	Diagnosis	ICD-10-CM
M19.242	Secondary osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.249	Secondary osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.271	Secondary osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.272	Secondary osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.279	Secondary osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M19.29	Secondary osteoarthritis, other specified site	Diagnosis	ICD-10-CM
M19.90	Unspecified osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.91	Primary osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.92	Post-traumatic osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.93	Secondary osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M45.0	Ankylosing spondylitis of multiple sites in spine	Diagnosis	ICD-10-CM
M45.1	Ankylosing spondylitis of occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M45.2	Ankylosing spondylitis of cervical region	Diagnosis	ICD-10-CM
M45.3	Ankylosing spondylitis of cervicothoracic region	Diagnosis	ICD-10-CM
M45.4	Ankylosing spondylitis of thoracic region	Diagnosis	ICD-10-CM
M45.5	Ankylosing spondylitis of thoracolumbar region	Diagnosis	ICD-10-CM
M45.6	Ankylosing spondylitis lumbar region	Diagnosis	ICD-10-CM
M45.7	Ankylosing spondylitis of lumbosacral region	Diagnosis	ICD-10-CM
M45.8	Ankylosing spondylitis sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M45.9	Ankylosing spondylitis of unspecified sites in spine	Diagnosis	ICD-10-CM
M45.A0	Non-radiographic axial spondyloarthritis of unspecified sites in spine	Diagnosis	ICD-10-CM
M45.A1	Non-radiographic axial spondyloarthritis of occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M45.A2	Non-radiographic axial spondyloarthritis of cervical region	Diagnosis	ICD-10-CM
M45.A3	Non-radiographic axial spondyloarthritis of cervicothoracic region	Diagnosis	ICD-10-CM
M45.A4	Non-radiographic axial spondyloarthritis of thoracic region	Diagnosis	ICD-10-CM
M45.A5	Non-radiographic axial spondyloarthritis of thoracolumbar region	Diagnosis	ICD-10-CM
M45.A6	Non-radiographic axial spondyloarthritis of lumbar region	Diagnosis	ICD-10-CM
M45.A7	Non-radiographic axial spondyloarthritis of lumbosacral region	Diagnosis	ICD-10-CM
M45.A8	Non-radiographic axial spondyloarthritis of sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M45.AB	Non-radiographic axial spondyloarthritis of multiple sites in spine	Diagnosis	ICD-10-CM
M46.80	Other specified inflammatory spondylopathies, site unspecified	Diagnosis	ICD-10-CM
M46.81	Other specified inflammatory spondylopathies, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.82	Other specified inflammatory spondylopathies, cervical region	Diagnosis	ICD-10-CM
M46.83	Other specified inflammatory spondylopathies, cervicothoracic region	Diagnosis	ICD-10-CM
M46.84	Other specified inflammatory spondylopathies, thoracic region	Diagnosis	ICD-10-CM
M46.85	Other specified inflammatory spondylopathies, thoracolumbar region	Diagnosis	ICD-10-CM
M46.86	Other specified inflammatory spondylopathies, lumbar region	Diagnosis	ICD-10-CM
M46.87	Other specified inflammatory spondylopathies, lumbosacral region	Diagnosis	ICD-10-CM
M46.88	Other specified inflammatory spondylopathies, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M46.89	Other specified inflammatory spondylopathies, multiple sites in spine	Diagnosis	ICD-10-CM
M46.90	Unspecified inflammatory spondylopathy, site unspecified	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M46.91	Unspecified inflammatory spondylopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.92	Unspecified inflammatory spondylopathy, cervical region	Diagnosis	ICD-10-CM
M46.93	Unspecified inflammatory spondylopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M46.94	Unspecified inflammatory spondylopathy, thoracic region	Diagnosis	ICD-10-CM
M46.95	Unspecified inflammatory spondylopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M46.96	Unspecified inflammatory spondylopathy, lumbar region	Diagnosis	ICD-10-CM
M46.97	Unspecified inflammatory spondylopathy, lumbosacral region	Diagnosis	ICD-10-CM
M46.98	Unspecified inflammatory spondylopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M46.99	Unspecified inflammatory spondylopathy, multiple sites in spine	Diagnosis	ICD-10-CM
M47.011	Anterior spinal artery compression syndromes, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.012	Anterior spinal artery compression syndromes, cervical region	Diagnosis	ICD-10-CM
M47.013	Anterior spinal artery compression syndromes, cervicothoracic region	Diagnosis	ICD-10-CM
M47.014	Anterior spinal artery compression syndromes, thoracic region	Diagnosis	ICD-10-CM
M47.015	Anterior spinal artery compression syndromes, thoracolumbar region	Diagnosis	ICD-10-CM
M47.016	Anterior spinal artery compression syndromes, lumbar region	Diagnosis	ICD-10-CM
M47.019	Anterior spinal artery compression syndromes, site unspecified	Diagnosis	ICD-10-CM
M47.021	Vertebral artery compression syndromes, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.022	Vertebral artery compression syndromes, cervical region	Diagnosis	ICD-10-CM
M47.029	Vertebral artery compression syndromes, site unspecified	Diagnosis	ICD-10-CM
M47.10	Other spondylosis with myelopathy, site unspecified	Diagnosis	ICD-10-CM
M47.11	Other spondylosis with myelopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.12	Other spondylosis with myelopathy, cervical region	Diagnosis	ICD-10-CM
M47.13	Other spondylosis with myelopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M47.14	Other spondylosis with myelopathy, thoracic region	Diagnosis	ICD-10-CM
M47.15	Other spondylosis with myelopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M47.16	Other spondylosis with myelopathy, lumbar region	Diagnosis	ICD-10-CM
M47.20	Other spondylosis with radiculopathy, site unspecified	Diagnosis	ICD-10-CM
M47.21	Other spondylosis with radiculopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.22	Other spondylosis with radiculopathy, cervical region	Diagnosis	ICD-10-CM
M47.23	Other spondylosis with radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M47.24	Other spondylosis with radiculopathy, thoracic region	Diagnosis	ICD-10-CM
M47.25	Other spondylosis with radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M47.26	Other spondylosis with radiculopathy, lumbar region	Diagnosis	ICD-10-CM
M47.27	Other spondylosis with radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
M47.28	Other spondylosis with radiculopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M47.811	Spondylosis without myelopathy or radiculopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M47.812	Spondylosis without myelopathy or radiculopathy, cervical region	Diagnosis	ICD-10-CM
M47.813	Spondylosis without myelopathy or radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M47.814	Spondylosis without myelopathy or radiculopathy, thoracic region	Diagnosis	ICD-10-CM
M47.815	Spondylosis without myelopathy or radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M47.816	Spondylosis without myelopathy or radiculopathy, lumbar region	Diagnosis	ICD-10-CM
M47.817	Spondylosis without myelopathy or radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
M47.818	Spondylosis without myelopathy or radiculopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M47.819	Spondylosis without myelopathy or radiculopathy, site unspecified	Diagnosis	ICD-10-CM
M47.891	Other spondylosis, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.892	Other spondylosis, cervical region	Diagnosis	ICD-10-CM
M47.893	Other spondylosis, cervicothoracic region	Diagnosis	ICD-10-CM
M47.894	Other spondylosis, thoracic region	Diagnosis	ICD-10-CM
M47.895	Other spondylosis, thoracolumbar region	Diagnosis	ICD-10-CM
M47.896	Other spondylosis, lumbar region	Diagnosis	ICD-10-CM
M47.897	Other spondylosis, lumbosacral region	Diagnosis	ICD-10-CM
M47.898	Other spondylosis, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M47.899	Other spondylosis, site unspecified	Diagnosis	ICD-10-CM
M47.9	Spondylosis, unspecified	Diagnosis	ICD-10-CM
M48.8X1	Other specified spondylopathies, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M48.8X2	Other specified spondylopathies, cervical region	Diagnosis	ICD-10-CM
M48.8X3	Other specified spondylopathies, cervicothoracic region	Diagnosis	ICD-10-CM
M48.8X4	Other specified spondylopathies, thoracic region	Diagnosis	ICD-10-CM
M48.8X5	Other specified spondylopathies, thoracolumbar region	Diagnosis	ICD-10-CM
M48.8X6	Other specified spondylopathies, lumbar region	Diagnosis	ICD-10-CM
M48.8X7	Other specified spondylopathies, lumbosacral region	Diagnosis	ICD-10-CM
M48.8X8	Other specified spondylopathies, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M48.8X9	Other specified spondylopathies, site unspecified	Diagnosis	ICD-10-CM
Smoking			
1034F	Current tobacco smoker (CAD, CAP, COPD, PV) (DM)	Procedure	CPT-4
4001F	Tobacco use cessation intervention, pharmacologic therapy (COPD, CAD, CAP, PV, Asthma) (DM) (PV)	Procedure	CPT-4
4004F	Patient screened for tobacco use and received tobacco cessation intervention (counseling, pharmacotherapy, or both), if identified as a tobacco user (PV, CAD)	Procedure	CPT-4
99406	Smoking and tobacco use cessation counseling visit; intermediate, greater than 3 minutes up to 10 minutes	Procedure	CPT-4
99407	Smoking and tobacco use cessation counseling visit; intensive, greater than 10 minutes	Procedure	CPT-4
F17.200	Nicotine dependence, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F17.201	Nicotine dependence, unspecified, in remission	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F17.210	Nicotine dependence, cigarettes, uncomplicated	Diagnosis	ICD-10-CM
F17.211	Nicotine dependence, cigarettes, in remission	Diagnosis	ICD-10-CM
F17.220	Nicotine dependence, chewing tobacco, uncomplicated	Diagnosis	ICD-10-CM
F17.221	Nicotine dependence, chewing tobacco, in remission	Diagnosis	ICD-10-CM
F17.290	Nicotine dependence, other tobacco product, uncomplicated	Diagnosis	ICD-10-CM
F17.291	Nicotine dependence, other tobacco product, in remission	Diagnosis	ICD-10-CM
G0436	Smoking and tobacco cessation counseling visit for the asymptomatic patient; intermediate, greater than 3 minutes, up to 10 minutes	Procedure	HCPCS
G0437	Smoking and tobacco cessation counseling visit for the asymptomatic patient; intensive, greater than 10 minutes	Procedure	HCPCS
G9016	Smoking cessation counseling, individual, in the absence of or in addition to any other evaluation and management service, per session (6-10 minutes) [demo project code only]	Procedure	HCPCS
G9276	Documentation that patient is a current tobacco user	Procedure	HCPCS
G9458	Patient documented as tobacco user and received tobacco cessation intervention (must include at least one of the following: advice given to quit smoking or tobacco use, counseling on the benefits of quitting smoking or tobacco use, assistance with or referral to external smoking or tobacco cessation support programs, or current enrollment in smoking or tobacco use cessation program) if identified as a tobacco user	Procedure	HCPCS
O99.330	Smoking (tobacco) complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.331	Smoking (tobacco) complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.332	Smoking (tobacco) complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.333	Smoking (tobacco) complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.334	Smoking (tobacco) complicating childbirth	Diagnosis	ICD-10-CM
O99.335	Smoking (tobacco) complicating the puerperium	Diagnosis	ICD-10-CM
S4995	Smoking cessation gum	Procedure	HCPCS
S9075	Smoking cessation treatment	Procedure	HCPCS
S9453	Smoking cessation classes, nonphysician provider, per session	Procedure	HCPCS
T65.211A	Toxic effect of chewing tobacco, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.212A	Toxic effect of chewing tobacco, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.213A	Toxic effect of chewing tobacco, assault, initial encounter	Diagnosis	ICD-10-CM
T65.214A	Toxic effect of chewing tobacco, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.221A	Toxic effect of tobacco cigarettes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.222A	Toxic effect of tobacco cigarettes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.223A	Toxic effect of tobacco cigarettes, assault, initial encounter	Diagnosis	ICD-10-CM
T65.224A	Toxic effect of tobacco cigarettes, undetermined, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T65.291A	Toxic effect of other tobacco and nicotine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.292A	Toxic effect of other tobacco and nicotine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.293A	Toxic effect of other tobacco and nicotine, assault, initial encounter	Diagnosis	ICD-10-CM
T65.294A	Toxic effect of other tobacco and nicotine, undetermined, initial encounter	Diagnosis	ICD-10-CM
Z87.891	Personal history of nicotine dependence	Diagnosis	ICD-10-CM
Stroke/Transient Ischemic Attack			
G45.0	Vertebro-basilar artery syndrome	Diagnosis	ICD-10-CM
G45.1	Carotid artery syndrome (hemispheric)	Diagnosis	ICD-10-CM
G45.2	Multiple and bilateral precerebral artery syndromes	Diagnosis	ICD-10-CM
G45.3	Amaurosis fugax	Diagnosis	ICD-10-CM
G45.8	Other transient cerebral ischemic attacks and related syndromes	Diagnosis	ICD-10-CM
G45.9	Transient cerebral ischemic attack, unspecified	Diagnosis	ICD-10-CM
G46.0	Middle cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.1	Anterior cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.2	Posterior cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.3	Brain stem stroke syndrome	Diagnosis	ICD-10-CM
G46.4	Cerebellar stroke syndrome	Diagnosis	ICD-10-CM
G46.5	Pure motor lacunar syndrome	Diagnosis	ICD-10-CM
G46.6	Pure sensory lacunar syndrome	Diagnosis	ICD-10-CM
G46.7	Other lacunar syndromes	Diagnosis	ICD-10-CM
G46.8	Other vascular syndromes of brain in cerebrovascular diseases	Diagnosis	ICD-10-CM
G97.31	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating a nervous system procedure	Diagnosis	ICD-10-CM
G97.32	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating other procedure	Diagnosis	ICD-10-CM
I60.00	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.10	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I60.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	Diagnosis	ICD-10-CM
I60.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	Diagnosis	ICD-10-CM
I60.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I60.20	Nontraumatic subarachnoid hemorrhage from unspecified anterior communicating artery	Diagnosis	ICD-10-CM
I60.21	Nontraumatic subarachnoid hemorrhage from right anterior communicating artery	Diagnosis	ICD-10-CM
I60.22	Nontraumatic subarachnoid hemorrhage from left anterior communicating artery	Diagnosis	ICD-10-CM
I60.30	Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery	Diagnosis	ICD-10-CM
I60.31	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery	Diagnosis	ICD-10-CM
I60.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery	Diagnosis	ICD-10-CM
I60.4	Nontraumatic subarachnoid hemorrhage from basilar artery	Diagnosis	ICD-10-CM
I60.50	Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	Diagnosis	ICD-10-CM
I60.51	Nontraumatic subarachnoid hemorrhage from right vertebral artery	Diagnosis	ICD-10-CM
I60.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery	Diagnosis	ICD-10-CM
I60.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	Diagnosis	ICD-10-CM
I60.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	Diagnosis	ICD-10-CM
I60.8	Other nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I60.9	Nontraumatic subarachnoid hemorrhage, unspecified	Diagnosis	ICD-10-CM
I61.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	Diagnosis	ICD-10-CM
I61.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	Diagnosis	ICD-10-CM
I61.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	Diagnosis	ICD-10-CM
I61.3	Nontraumatic intracerebral hemorrhage in brain stem	Diagnosis	ICD-10-CM
I61.4	Nontraumatic intracerebral hemorrhage in cerebellum	Diagnosis	ICD-10-CM
I61.5	Nontraumatic intracerebral hemorrhage, intraventricular	Diagnosis	ICD-10-CM
I61.6	Nontraumatic intracerebral hemorrhage, multiple localized	Diagnosis	ICD-10-CM
I61.8	Other nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I61.9	Nontraumatic intracerebral hemorrhage, unspecified	Diagnosis	ICD-10-CM
I62.00	Nontraumatic subdural hemorrhage, unspecified	Diagnosis	ICD-10-CM
I62.01	Nontraumatic acute subdural hemorrhage	Diagnosis	ICD-10-CM
I62.02	Nontraumatic subacute subdural hemorrhage	Diagnosis	ICD-10-CM
I62.9	Nontraumatic intracranial hemorrhage, unspecified	Diagnosis	ICD-10-CM
I63.00	Cerebral infarction due to thrombosis of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.011	Cerebral infarction due to thrombosis of right vertebral artery	Diagnosis	ICD-10-CM
I63.012	Cerebral infarction due to thrombosis of left vertebral artery	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I63.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.019	Cerebral infarction due to thrombosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.02	Cerebral infarction due to thrombosis of basilar artery	Diagnosis	ICD-10-CM
I63.031	Cerebral infarction due to thrombosis of right carotid artery	Diagnosis	ICD-10-CM
I63.032	Cerebral infarction due to thrombosis of left carotid artery	Diagnosis	ICD-10-CM
I63.033	Cerebral infarction due to thrombosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.039	Cerebral infarction due to thrombosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.09	Cerebral infarction due to thrombosis of other precerebral artery	Diagnosis	ICD-10-CM
I63.10	Cerebral infarction due to embolism of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.111	Cerebral infarction due to embolism of right vertebral artery	Diagnosis	ICD-10-CM
I63.112	Cerebral infarction due to embolism of left vertebral artery	Diagnosis	ICD-10-CM
I63.113	Cerebral infarction due to embolism of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.119	Cerebral infarction due to embolism of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.12	Cerebral infarction due to embolism of basilar artery	Diagnosis	ICD-10-CM
I63.131	Cerebral infarction due to embolism of right carotid artery	Diagnosis	ICD-10-CM
I63.132	Cerebral infarction due to embolism of left carotid artery	Diagnosis	ICD-10-CM
I63.133	Cerebral infarction due to embolism of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.139	Cerebral infarction due to embolism of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.19	Cerebral infarction due to embolism of other precerebral artery	Diagnosis	ICD-10-CM
I63.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries	Diagnosis	ICD-10-CM
I63.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery	Diagnosis	ICD-10-CM
I63.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery	Diagnosis	ICD-10-CM
I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery	Diagnosis	ICD-10-CM
I63.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries	Diagnosis	ICD-10-CM
I63.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries	Diagnosis	ICD-10-CM
I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid artery	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I63.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries	Diagnosis	ICD-10-CM
I63.30	Cerebral infarction due to thrombosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.311	Cerebral infarction due to thrombosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.312	Cerebral infarction due to thrombosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.321	Cerebral infarction due to thrombosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.322	Cerebral infarction due to thrombosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.331	Cerebral infarction due to thrombosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.332	Cerebral infarction due to thrombosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.341	Cerebral infarction due to thrombosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63.342	Cerebral infarction due to thrombosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63.343	Cerebral infarction due to thrombosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.39	Cerebral infarction due to thrombosis of other cerebral artery	Diagnosis	ICD-10-CM
I63.40	Cerebral infarction due to embolism of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.411	Cerebral infarction due to embolism of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.412	Cerebral infarction due to embolism of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.419	Cerebral infarction due to embolism of unspecified middle cerebral artery	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I63.421	Cerebral infarction due to embolism of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.422	Cerebral infarction due to embolism of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.431	Cerebral infarction due to embolism of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.432	Cerebral infarction due to embolism of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.441	Cerebral infarction due to embolism of right cerebellar artery	Diagnosis	ICD-10-CM
I63.442	Cerebral infarction due to embolism of left cerebellar artery	Diagnosis	ICD-10-CM
I63.443	Cerebral infarction due to embolism of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.449	Cerebral infarction due to embolism of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.49	Cerebral infarction due to embolism of other cerebral artery	Diagnosis	ICD-10-CM
I63.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I63.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	Diagnosis	ICD-10-CM
I63.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	Diagnosis	ICD-10-CM
I63.8	Other cerebral infarction	Diagnosis	ICD-10-CM
I63.81	Other cerebral infarction due to occlusion or stenosis of small artery	Diagnosis	ICD-10-CM
I63.89	Other cerebral infarction	Diagnosis	ICD-10-CM
I63.9	Cerebral infarction, unspecified	Diagnosis	ICD-10-CM
I67.841	Reversible cerebrovascular vasoconstriction syndrome	Diagnosis	ICD-10-CM
I67.848	Other cerebrovascular vasospasm and vasoconstriction	Diagnosis	ICD-10-CM
I67.89	Other cerebrovascular disease	Diagnosis	ICD-10-CM
I97.810	Intraoperative cerebrovascular infarction during cardiac surgery	Diagnosis	ICD-10-CM
I97.811	Intraoperative cerebrovascular infarction during other surgery	Diagnosis	ICD-10-CM
I97.820	Postprocedural cerebrovascular infarction following cardiac surgery	Diagnosis	ICD-10-CM
I97.821	Postprocedural cerebrovascular infarction following other surgery	Diagnosis	ICD-10-CM

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

Generic Name	Brand Name
Agents approved for opioid-induced constipation	
methylnaltrexone bromide	Relistor
naldemedine tosylate	Symproic
naloxegol oxalate	Movantik
Antacids	
aluminum hydroxide	aluminum hydroxide gel
calcium carbonate	Alcalak
calcium carbonate	Alka-Seltzer Heartburn Chew
calcium carbonate	Alkums
calcium carbonate	Antacid (calcium carbonate)
calcium carbonate	Antacid Calcium
calcium carbonate	Antacid Ext Str (calcium carb)
calcium carbonate	Antacid Extra-Strength
calcium carbonate	Antacid Ultra Strength
calcium carbonate	Ban-Acid
calcium carbonate	Cal-Gest Antacid
calcium carbonate	Calcium Antacid
calcium carbonate	Calcium Antacid Ultra Max St
calcium carbonate	Children's Antacid
calcium carbonate	Children's Pepto
calcium carbonate	Children's Soothe
calcium carbonate	Flavor Chews Antacid
calcium carbonate	Smooth Antacid
calcium carbonate	Tame The Flame
calcium carbonate	Tums
calcium carbonate	Tums E-X
calcium carbonate	Tums Extra Strength Smoothies
calcium carbonate	Tums Freshers
calcium carbonate	Tums Ultra
calcium carbonate	Ultra Strength Antacid
calcium carbonate	calcium carbonate
calcium carbonate/magnesium carbonate	Cidatrine-TM
calcium carbonate/magnesium carbonate	Sintra-ES
calcium carbonate/magnesium hydroxide	Antacid (calcium carb-mag hyd)
calcium carbonate/magnesium hydroxide	Antacid ExSt (ca carb-mag hyd)
calcium carbonate/magnesium hydroxide	Geri-Lanta Supreme
calcium carbonate/magnesium hydroxide	Mi-Acid(calcium carb-mag hydr)
calcium carbonate/magnesium hydroxide	Rolaids
calcium carbonate/magnesium hydroxide	Rolaids Antacid Ultra Strength
calcium carbonate/magnesium hydroxide	Rolaids Extra Strength
calcium carbonate/magnesium hydroxide	Sentriva-ES
calcium carbonate/magnesium hydroxide/simethicone	Antacid Multi-Symptom
calcium carbonate/magnesium hydroxide/simethicone	Mylanta Coat-Cool
calcium carbonate/magnesium hydroxide/simethicone	Mylanta Tonight
calcium carbonate/magnesium hydroxide/simethicone	Rolaids Adv Antacid-Antigas
calcium carbonate/simethicone	Alka-Seltzer Heartburn-Gas
calcium carbonate/simethicone	Antacid Anti-Gas (ca carb-sim)
calcium carbonate/simethicone	Children's Mylicon Antacid

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

Generic Name	Brand Name
calcium carbonate/simethicone	Gas-X Total Relief
calcium carbonate/simethicone	Maalox Advanced
calcium carbonate/simethicone	Phazyme Gas and Acid
calcium carbonate/simethicone	Tums-Gas Relief (calc-simeth)
calcium carbonate/simethicone	calcium carbonate-simethicone
calcium phosphate, tribasic	Tums Gummy
magaldrate	Ri-Mag
magaldrate/simethicone	Ri-Mag Plus
magnesium carbonate/aluminum hydroxide	Acid Gone Antacid E.Strength
magnesium carbonate/aluminum hydroxide	Antacid ExSt (mag carb-Al hyd)
magnesium carbonate/aluminum hydroxide	Gaviscon Extra Strength
magnesium carbonate/aluminum hydroxide	Heartburn Antacid
magnesium carbonate/aluminum hydroxide	Heartburn Relief
magnesium carbonate/aluminum hydroxide/alginic acid	Acid Gone Antacid
magnesium carbonate/aluminum hydroxide/alginic acid	Foaming Antacid
magnesium carbonate/aluminum hydroxide/alginic acid	Gaviscon
magnesium carbonate/aluminum hydroxide/alginic acid	Gaviscon Extra Strength
magnesium carbonate/aluminum hydroxide/alginic acid	Heartburn Relief
magnesium carbonate/aluminum hydroxide/alginic acid	Riginic
magnesium hydroxide	Phillips Milk of Magnesia
magnesium hydroxide/aluminum hydroxide	MAG-AL
magnesium hydroxide/aluminum hydroxide/simethicone	Advanced Antacid-Antigas
magnesium hydroxide/aluminum hydroxide/simethicone	Almacone
magnesium hydroxide/aluminum hydroxide/simethicone	Almacone-2
magnesium hydroxide/aluminum hydroxide/simethicone	Antacid
magnesium hydroxide/aluminum hydroxide/simethicone	Antacid Anti-Gas
magnesium hydroxide/aluminum hydroxide/simethicone	Antacid Anti-Gas Double Str
magnesium hydroxide/aluminum hydroxide/simethicone	Antacid Extra-Strength
magnesium hydroxide/aluminum hydroxide/simethicone	Antacid Liquid
magnesium hydroxide/aluminum hydroxide/simethicone	Antacid M
magnesium hydroxide/aluminum hydroxide/simethicone	Antacid Maximum Strength
magnesium hydroxide/aluminum hydroxide/simethicone	Antacid Plus Anti-Gas
magnesium hydroxide/aluminum hydroxide/simethicone	Antacid Regular Strength
magnesium hydroxide/aluminum hydroxide/simethicone	Antacid-Antigas
magnesium hydroxide/aluminum hydroxide/simethicone	Antacid-Simethicone
magnesium hydroxide/aluminum hydroxide/simethicone	Comfort Gel
magnesium hydroxide/aluminum hydroxide/simethicone	Comfort Gel Extra Strength
magnesium hydroxide/aluminum hydroxide/simethicone	Gelusil Antacid and Anti-Gas
magnesium hydroxide/aluminum hydroxide/simethicone	Geri-Lanta
magnesium hydroxide/aluminum hydroxide/simethicone	Geri-Mox Antacid-Antigas
magnesium hydroxide/aluminum hydroxide/simethicone	Liquid Antacid
magnesium hydroxide/aluminum hydroxide/simethicone	Maalox Advanced
magnesium hydroxide/aluminum hydroxide/simethicone	Maalox Maximum Strength
magnesium hydroxide/aluminum hydroxide/simethicone	Mag-Al Plus
magnesium hydroxide/aluminum hydroxide/simethicone	Mag-Al Plus Extra Strength
magnesium hydroxide/aluminum hydroxide/simethicone	Maglox
magnesium hydroxide/aluminum hydroxide/simethicone	Masanti Double Strength
magnesium hydroxide/aluminum hydroxide/simethicone	Mi-Acid

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

Generic Name	Brand Name
magnesium hydroxide/aluminum hydroxide/simethicone	Mintox
magnesium hydroxide/aluminum hydroxide/simethicone	Mintox Maximum Strength
magnesium hydroxide/aluminum hydroxide/simethicone	Mintox Plus
magnesium hydroxide/aluminum hydroxide/simethicone	Mylanta Maximum Strength
magnesium hydroxide/aluminum hydroxide/simethicone	Ri-Gel
magnesium hydroxide/aluminum hydroxide/simethicone	Ri-Gel II
magnesium hydroxide/aluminum hydroxide/simethicone	Ri-Mox
magnesium hydroxide/aluminum hydroxide/simethicone	Ri-Mox Plus
magnesium hydroxide/aluminum hydroxide/simethicone	Rulox
magnesium hydroxide/aluminum hydroxide/simethicone	alum-mag hydroxide-simeth
magnesium oxide	magnesium oxide
magnesium trisilicate/aluminum hydrox/sod bicarb/alginic ac	Gaviscon
potassium bicarbonate/sodium bicarbonate/citric acid	Alka-Seltzer Gold
simethicone/sodium bicarbonate/citric acid	E-Z-Gas II
sodium bicarbonate	sodium bicarbonate
sodium bicarbonate/citric acid	Alka-Seltzer Heartburn
sodium citrate	Emetrol Chewable
sodium citrate	Nauzene Upset Stomach-Nausea
Antibiotics	
amikacin sulfate	amikacin
amikacin sulfate liposomal with nebulizer accessories	Arikayce
aminosalicylic acid	Paser
amoxicillin	Moxatag
amoxicillin	amoxicillin
amoxicillin/potassium clavulanate	Augmentin
amoxicillin/potassium clavulanate	Augmentin ES-600
amoxicillin/potassium clavulanate	Augmentin XR
amoxicillin/potassium clavulanate	amoxicillin-pot clavulanate
ampicillin sodium	ampicillin sodium
ampicillin sodium/sulbactam sodium	Unasyn
ampicillin sodium/sulbactam sodium	ampicillin-sulbactam
ampicillin trihydrate	ampicillin
azithromycin	Zithromax
azithromycin	Zithromax TRI-PAK
azithromycin	Zithromax Z-Pak
azithromycin	Zmax
azithromycin	azithromycin
aztreonam	Azactam
aztreonam	aztreonam
aztreonam/avibactam sodium	Emblaveo
aztreonam/dextrose-water	Azactam in dextrose (iso-osm)
bacitracin	BACiiM
bacitracin	bacitracin
bedaquiline fumarate	Sirturo
capreomycin sulfate	Capastat
cefaclor	cefaclor
cefadroxil	cefadroxil
cefazolin sodium	cefazolin

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

Generic Name	Brand Name
cefazolin sodium in 0.9 % sodium chloride	cefazolin in 0.9% sod chloride
cefazolin sodium/dextrose 5 % in water	cefazolin in dextrose 5 %
cefazolin sodium/dextrose, iso-osmotic	cefazolin in dextrose (iso-os)
cefazolin sodium/water for injection,sterile	cefazolin in sterile water
cefdinir	cefdinir
cefepime HCl	Maxipime
cefepime HCl	cefepime
cefepime HCl in dextrose 5 % in water	cefepime in dextrose 5 %
cefepime HCl in iso-osmotic dextrose	cefepime in dextrose,iso-osm
cefiderocol sulfate tosylate	Fetroja
cefixime	Suprax
cefixime	cefixime
cefotaxime sodium	Claforan
cefotaxime sodium	cefotaxime
cefotetan disodium	Cefotan
cefotetan disodium	cefotetan
cefotetan disodium in iso-osmotic dextrose	cefotetan in dextrose, iso-osm
cefoxitin sodium	cefoxitin
cefoxitin sodium/dextrose, iso-osmotic	cefoxitin in dextrose, iso-osm
cefpodoxime proxetil	cefpodoxime
cefprozil	cefprozil
ceftaroline fosamil acetate	Teflaro
ceftazidime	Fortaz
ceftazidime	Tazicef
ceftazidime	ceftazidime
ceftazidime in dextrose 5 % and water	ceftazidime in D5W
ceftazidime sodium in iso-osmotic dextrose	Fortaz in dextrose 5 %
ceftazidime/avibactam sodium	Avycaz
ceftibuten	Cedax
ceftibuten	ceftibuten
ceftobiprole medocaril	Zevtera
ceftolozane sulfate/tazobactam sodium	Zerbaxa
ceftriaxone sodium	ceftriaxone
ceftriaxone sodium in iso-osmotic dextrose	ceftriaxone in dextrose,iso-os
cefuroxime axetil	Ceftin
cefuroxime axetil	cefuroxime axetil
cefuroxime sodium	Zinacef
cefuroxime sodium	cefuroxime sodium
cefuroxime sodium/water for injection,sterile	Zinacef in Sterile Water
cephalexin	Daxbia
cephalexin	Keflex
cephalexin	cephalexin
chloramphenicol sod succinate	chloramphenicol sod succinate
ciprofloxacin	Cipro
ciprofloxacin	ciprofloxacin
ciprofloxacin HCl	Cipro
ciprofloxacin HCl	ciprofloxacin HCl
ciprofloxacin lactate	ciprofloxacin lactate

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

Generic Name	Brand Name
ciprofloxacin lactate/dextrose 5 % in water	Cipro in D5W
ciprofloxacin lactate/dextrose 5 % in water	ciprofloxacin in 5 % dextrose
ciprofloxacin/ciprofloxacin HCl	Cipro XR
ciprofloxacin/ciprofloxacin HCl	ciprofloxacin (mixture)
clarithromycin	clarithromycin
clindamycin HCl	Cleocin HCl
clindamycin HCl	clindamycin HCl
clindamycin palmitate HCl	Cleocin Pediatric
clindamycin palmitate HCl	Clindamycin Pediatric
clindamycin palmitate HCl	clindamycin palmitate HCl
clindamycin phosphate	Cleocin
clindamycin phosphate	Clin Single Use
clindamycin phosphate	clindamycin phosphate
clindamycin phosphate in 0.9 % sodium chloride	clindamycin in 0.9 % sod chlor
clindamycin phosphate/dextrose 5 % in water	Cleocin in 5 % dextrose
clindamycin phosphate/dextrose 5 % in water	clindamycin in 5 % dextrose
colistin (as colistimethate sodium)	Coly-Mycin M Parenteral
colistin (as colistimethate sodium)	colistin (colistimethate Na)
cycloserine	cycloserine
dalbavancin HCl	Dalvance
dapsone	dapsone
daptomycin	Cubicin
daptomycin	Cubicin RF
daptomycin	daptomycin
daptomycin in 0.9 % sodium chloride	daptomycin in 0.9 % sod chlor
delafloxacin meglumine	Baxdela
demeclocycline HCl	demeclocycline
dicloxacillin sodium	dicloxacillin
doripenem	doripenem
doxycycline calcium	Vibramycin (calcium)
doxycycline hyclate	Acticlate
doxycycline hyclate	Doryx
doxycycline hyclate	Doryx MPC
doxycycline hyclate	Doxy-100
doxycycline hyclate	LymePak
doxycycline hyclate	Morgidox
doxycycline hyclate	Soloxide
doxycycline hyclate	Targadox
doxycycline hyclate	Vibramycin
doxycycline hyclate	doxycycline hyclate
doxycycline hyclate/skin cleanser combination no.19	Morgidox 1x 50
doxycycline hyclate/skin cleanser combination no.19	Morgidox 1x100
doxycycline hyclate/skin cleanser combination no.19	Morgidox 2x100
doxycycline monohydrate	Avidoxy
doxycycline monohydrate	Mondoxyne NL
doxycycline monohydrate	Monodox
doxycycline monohydrate	Okebo
doxycycline monohydrate	Oracea

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

Generic Name	Brand Name
doxycycline monohydrate	doxycycline monohydrate
doxycycline monohydrate/benzoyl peroxide	BenzoDox 30
doxycycline monohydrate/benzoyl peroxide	BenzoDox 60
doxycycline monohydrate/salicylic acid/octinoxate/zinc oxide	Avidoxy DK
durlobactam sodium	durlobactam
eravacycline di-hydrochloride	Xerava
ertapenem sodium	Invanz
ertapenem sodium	ertapenem
erythromycin base	Ery-Tab
erythromycin base	PCE
erythromycin base	erythromycin
erythromycin ethylsuccinate	E.E.S. 400
erythromycin ethylsuccinate	E.E.S. Granules
erythromycin ethylsuccinate	EryPed 200
erythromycin ethylsuccinate	EryPed 400
erythromycin ethylsuccinate	erythromycin ethylsuccinate
erythromycin lactobionate	Erythrocin
erythromycin lactobionate	erythromycin lactobionate
erythromycin stearate	Erythrocin (as stearate)
erythromycin stearate	erythromycin stearate
ethambutol HCl	Myambutol
ethambutol HCl	ethambutol
ethionamide	Trecator
fidaxomicin	Dificid
fidaxomicin	fidaxomicin
fosfomycin tromethamine	Monurol
fosfomycin tromethamine	fosfomycin tromethamine
gemifloxacin mesylate	Factive
gentamicin sulfate	gentamicin
gentamicin sulfate in sodium chloride, iso-osmotic	gentamicin in NaCl (iso-osm)
gentamicin sulfate/PF	gentamicin sulfate (PF)
gentamicin sulfate/PF	gentamicin sulfate (ped) (PF)
gentamicin sulfate/sodium citrate	gentamicin-sodium citrate
gepotidacin mesylate	Blujepa
imipenem/cilastatin sodium	Primaxin IV
imipenem/cilastatin sodium	imipenem-cilastatin
imipenem/cilastatin sodium/relebactam	Recarbrio
isoniazid	isoniazid
lefamulin acetate	Xenleta
levofloxacin	Levaquin
levofloxacin	levofloxacin
levofloxacin/dextrose 5 % in water	levofloxacin in D5W
lincomycin HCl	Lincocin
lincomycin HCl	lincomycin
linezolid	Zyvox
linezolid	linezolid
linezolid in 0.9 % sodium chloride	linezolid-0.9% sodium chloride
linezolid in dextrose 5 % in water	Zyvox

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

Generic Name	Brand Name
linezolid in dextrose 5 % in water	linezolid in dextrose 5%
meropenem	Merrem
meropenem	meropenem
meropenem in 0.9 % sodium chloride	meropenem-0.9% sodium chloride
meropenem/vaborbactam	Vabomere
metronidazole	Flagyl
metronidazole	Likmez
metronidazole	metronidazole
metronidazole in sodium chloride	Metro I.V.
metronidazole in sodium chloride	metronidazole in NaCl (iso-os)
minocycline HCl	CoreMino
minocycline HCl	Emrosi
minocycline HCl	Minocin
minocycline HCl	Minolira ER
minocycline HCl	Solodyn
minocycline HCl	Ximino
minocycline HCl	minocycline
moxifloxacin HCl	Avelox
moxifloxacin HCl	moxifloxacin
moxifloxacin HCl in sodium acetate and sulfate,water,iso-osm	moxifloxacin-sod.ace,sul-water
moxifloxacin HCl in sodium chloride, iso-osmotic	Avelox in NaCl (iso-osmotic)
moxifloxacin HCl in sodium chloride, iso-osmotic	moxifloxacin-sod.chloride(iso)
nafcillin in dextrose, iso-osmotic	nafcillin in dextrose iso-osm
nafcillin sodium	nafcillin
neomycin sulfate	neomycin
nitrofurantoin	Furadantin
nitrofurantoin	nitrofurantoin
nitrofurantoin macrocrystal	Macrodantin
nitrofurantoin macrocrystal	nitrofurantoin macrocrystal
nitrofurantoin monohydrate/macrocrystals	Macrobid
nitrofurantoin monohydrate/macrocrystals	nitrofurantoin monohyd/m-cryst
ofloxacin	ofloxacin
omadacycline tosylate	Nuzyra
omadacycline tosylate	Nuzyra (7 Day with Load Dose)
omadacycline tosylate	Nuzyra (7 Day)
oritavancin diphosphate	Kimyrsa
oritavancin diphosphate	Orbactiv
oxacillin sodium	oxacillin
oxacillin sodium in iso-osmotic dextrose	oxacillin in dextrose(iso-osm)
penicillin G benzathine	Bicillin L-A
penicillin G benzathine	Extencilline
penicillin G benzathine	Lentocilin S
penicillin G benzathine/penicillin G procaine	Bicillin C-R
penicillin G potassium	Pfizerpen-G
penicillin G potassium	penicillin G potassium
penicillin G potassium/dextrose-water	penicillin G pot in dextrose
penicillin G procaine	penicillin G procaine
penicillin G sodium	penicillin G sodium

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

Generic Name	Brand Name
penicillin V potassium	penicillin V potassium
piperacillin and tazobactam in dextrose, iso-osmotic	Zosyn in dextrose (iso-osm)
piperacillin sodium/tazobactam sodium	Zosyn
piperacillin sodium/tazobactam sodium	piperacillin-tazobactam
pivmecillinam HCl	Pivya
plazomicin sulfate	Zemdri
polymyxin B sulfate	polymyxin B sulfate
pretomanid	pretomanid
pyrazinamide	pyrazinamide
quinupristin/dalfopristin	Synercid
rifabutin	Mycobutin
rifabutin	rifabutin
rifampin	Rifadin
rifampin	rifampin
rifampin/isoniazid	Rifamate
rifampin/isoniazid/pyrazinamide	Rifater
rifamycin sodium	Aemcolo
rifapentine	Priftin
rifaximin	Xifaxan
sarecycline HCl	Seysara
secnidazole	Solosec
streptomycin sulfate	streptomycin
sulbactam sodium	sulbactam sodium
sulbactam sodium/durlobactam sodium	Xacduro
sulfadiazine	sulfadiazine
sulfamethoxazole/trimethoprim	Bactrim
sulfamethoxazole/trimethoprim	Bactrim DS
sulfamethoxazole/trimethoprim	Sulfatrim
sulfamethoxazole/trimethoprim	sulfamethoxazole-trimethoprim
sulopenem etzadroxil/probenecid	Orlynvah
tedizolid phosphate	Sivextro
telavancin HCl	Vibativ
tetracycline HCl	tetracycline
thalidomide	Thalomid
tigecycline	Tygacil
tigecycline	tigecycline
tinidazole	Tindamax
tinidazole	tinidazole
tobramycin sulfate	tobramycin sulfate
tobramycin sulfate/sodium chloride	tobramycin in 0.9 % NaCl
trimethoprim	Primsol
trimethoprim	Trimpex
trimethoprim	trimethoprim
vancomycin HCl	Firvanq
vancomycin HCl	Vancocin
vancomycin HCl	vancomycin
vancomycin HCl in sterile water	vancomycin HCl in water
vancomycin HCl in water for injection (PEG-400, NADA)	vancomycin-diluent combo no.1

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

Generic Name	Brand Name
vancomycin in 0.9 % sodium chloride	vancomycin in 0.9 % sodium chl
vancomycin in 0.9 % sodium chloride/preservative free	vancomycin-0.9 % sod chlor(PF)
vancomycin in 5 % dextrose in water	vancomycin in dextrose 5 %
Antidepressants	
amitriptyline HCl	amitriptyline
amitriptyline HCl/chlordiazepoxide	amitriptyline-chlordiazepoxide
amoxapine	amoxapine
brexanolone	Zulresso
bupropion HBr	Aplenzin
bupropion HCl	Forfivo XL
bupropion HCl	Wellbutrin SR
bupropion HCl	Wellbutrin XL
bupropion HCl	Zyban
bupropion HCl	bupropion HCl
bupropion HCl	bupropion HCl (smoking deter)
citalopram hydrobromide	Celexa
citalopram hydrobromide	citalopram
clomipramine HCl	Anafranil
clomipramine HCl	clomipramine
desipramine HCl	Norpramin
desipramine HCl	desipramine
desvenlafaxine	Khedezla
desvenlafaxine	desvenlafaxine
desvenlafaxine succinate	Pristiq
desvenlafaxine succinate	desvenlafaxine succinate
dextromethorphan HBr/bupropion HCl	Auvelity
doxepin HCl	doxepin
duloxetine HCl	Cymbalta
duloxetine HCl	Drizalma Sprinkle
duloxetine HCl	duloxetine
duloxetine HCl/lidocaine HCl	Duloxicaine
escitalopram oxalate	Lexapro
escitalopram oxalate	escitalopram oxalate
esketamine HCl	Spravato
fluoxetine HCl	Prozac
fluoxetine HCl	Sarafem
fluoxetine HCl	fluoxetine
fluvoxamine maleate	fluvoxamine
imipramine HCl	Tofranil
imipramine HCl	imipramine HCl
imipramine pamoate	imipramine pamoate
isocarboxazid	Marplan
levomilnacipran HCl	Fetzima
maprotiline HCl	maprotiline
milnacipran HCl	Savella
mirtazapine	Remeron
mirtazapine	Remeron SolTab
mirtazapine	mirtazapine

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

Generic Name	Brand Name
nefazodone HCl	nefazodone
nortriptyline HCl	Pamelor
nortriptyline HCl	nortriptyline
olanzapine/fluoxetine HCl	Symbyax
olanzapine/fluoxetine HCl	olanzapine-fluoxetine
paroxetine HCl	Paxil
paroxetine HCl	Paxil CR
paroxetine HCl	paroxetine HCl
paroxetine mesylate	Brisdelle
paroxetine mesylate	Pexeva
paroxetine mesylate	paroxetine mesylate(menop.sym)
perphenazine/amitriptyline HCl	perphenazine-amitriptyline
phenelzine sulfate	Nardil
phenelzine sulfate	phenelzine
protriptyline HCl	protriptyline
selegiline	Emsam
sertraline HCl	Zoloft
sertraline HCl	sertraline
tranylcypromine sulfate	Parnate
tranylcypromine sulfate	tranylcypromine
trazodone HCl	Raldesy
trazodone HCl	trazodone
trimipramine maleate	Surmontil
trimipramine maleate	trimipramine
venlafaxine HCl	Effexor XR
venlafaxine HCl	venlafaxine
venlafaxine besylate	venlafaxine besylate
vilazodone HCl	Viibryd
vilazodone HCl	vilazodone
vortioxetine hydrobromide	Trintellix
Antidiarrheals	
bismuth subsalicylate	Anti-Diarrheal
bismuth subsalicylate	Bismatrol
bismuth subsalicylate	Bismuth
bismuth subsalicylate	Bismuth Maximum Strength
bismuth subsalicylate	Diarrhea Relief (bismuth subs)
bismuth subsalicylate	Digestive Relief
bismuth subsalicylate	Diotame
bismuth subsalicylate	Diotame InstyDose
bismuth subsalicylate	Geri-Pectate
bismuth subsalicylate	K-Pec Antidiarrheal (bism sub)
bismuth subsalicylate	Kao-Tin (bismuth subsalicylat)
bismuth subsalicylate	Kaopectate (bismuth subsalicy)
bismuth subsalicylate	Kaopectate Ex Str (bismuth ss)
bismuth subsalicylate	Pep-T-Med
bismuth subsalicylate	Peptic Relief
bismuth subsalicylate	Pepto-Bismol
bismuth subsalicylate	Pepto-Bismol Max St

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

Generic Name	Brand Name
bismuth subsalicylate	Pepto-Bismol To-Go
bismuth subsalicylate	Pepto-Bismol Ultra
bismuth subsalicylate	Pink Bismuth
bismuth subsalicylate	Pink Bismuth Maximum Strength
bismuth subsalicylate	Soothe (bismuth subsalicylate)
bismuth subsalicylate	Soothe Regular Strength
bismuth subsalicylate	Stomach Relief
bismuth subsalicylate	Stomach Relief Max Strength
bismuth subsalicylate	Stomach Relief Original
bismuth subsalicylate	bismuth subsalicylate
crofelemer	Mytesi
difenoxin HCl/atropine sulfate	Motofen
diphenoxylate HCl/atropine sulfate	Lomotil
diphenoxylate HCl/atropine sulfate	diphenoxylate-atropine
kaolin/pectin	kaolin-pectin
loperamide HCl	Anti-Diarrhea
loperamide HCl	Anti-Diarrheal (loperamide)
loperamide HCl	Diamode
loperamide HCl	Imodium A-D
loperamide HCl	Ultra A-D
loperamide HCl	loperamide
loperamide HCl/simethicone	Anti-Diarrheal (lope)-Anti-Gas
loperamide HCl/simethicone	Imodium Multi-Symptom Relief
loperamide HCl/simethicone	loperamide-simethicone
opium tincture	opium tincture
paregoric	paregoric
telotristat etiprate	Xermelo
Antipsychotics	
aripiprazole	Abilify
aripiprazole	Abilify Asimtufii
aripiprazole	Abilify Maintena
aripiprazole	Abilify MyCite
aripiprazole	Abilify MyCite Maintenance Kit
aripiprazole	Abilify MyCite Starter Kit
aripiprazole	Opipza
aripiprazole	aripiprazole
aripiprazole lauroxil	Aristada
aripiprazole lauroxil, submicronized	Aristada Initio
asenapine	Secuado
asenapine maleate	Saphris
asenapine maleate	asenapine maleate
brexpiprazole	Rexulti
cariprazine HCl	Vraylar
chlorpromazine HCl	chlorpromazine
clozapine	Clozaril
clozapine	FazaClo
clozapine	Versacloz
clozapine	clozapine

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

Generic Name	Brand Name
fluphenazine HCl	fluphenazine HCl
fluphenazine decanoate	fluphenazine decanoate
haloperidol	haloperidol
haloperidol decanoate	Haldol Decanoate
haloperidol decanoate	haloperidol decanoate
haloperidol lactate	Haldol
haloperidol lactate	haloperidol lactate
iloperidone	Fanapt
iloperidone	Fanapt Titration Pack A
iloperidone	Fanapt Titration Pack B
iloperidone	Fanapt Titration Pack C
loxapine	Adasuve
loxapine succinate	loxapine succinate
lumateperone tosylate	Caplyta
lurasidone HCl	Latuda
lurasidone HCl	lurasidone
molindone HCl	molindone
olanzapine	Zyprexa
olanzapine	Zyprexa Zydis
olanzapine	olanzapine
olanzapine pamoate	Zyprexa Relprevv
olanzapine/fluoxetine HCl	Symbyax
olanzapine/fluoxetine HCl	olanzapine-fluoxetine
olanzapine/samidorphan malate	Lybalvi
paliperidone	Invega
paliperidone	paliperidone
paliperidone palmitate	Erzofri
paliperidone palmitate	Invega Hafyera
paliperidone palmitate	Invega Sustenna
paliperidone palmitate	Invega Trinza
perphenazine	perphenazine
perphenazine/amitriptyline HCl	perphenazine-amitriptyline
pimavanserin tartrate	Nuplazid
pimozide	Orap
pimozide	pimozide
prochlorperazine maleate	Compazine
prochlorperazine maleate	prochlorperazine maleate
quetiapine fumarate	Seroquel
quetiapine fumarate	Seroquel XR
quetiapine fumarate	quetiapine
risperidone	Perseris
risperidone	Risperdal
risperidone	Risperdal M-TAB
risperidone	Uzedy
risperidone	risperidone
risperidone microspheres	Risperdal Consta
risperidone microspheres	Rykindo
risperidone microspheres	risperidone microspheres

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

Generic Name	Brand Name
thioridazine HCl	thioridazine
thiothixene	thiothixene
trifluoperazine HCl	trifluoperazine
ziprasidone HCl	Geodon
ziprasidone HCl	ziprasidone HCl
ziprasidone mesylate	Geodon
ziprasidone mesylate	ziprasidone mesylate
Bethanechol	
bethanechol chloride	Urecholine
bethanechol chloride	bethanechol chloride
Bile-acid agents	
cholestyramine	Cholestyramine Light
cholestyramine	Prevalite
cholestyramine	Questran Light
cholestyramine (with sugar)	Questran
cholestyramine (with sugar)	cholestyramine (with sugar)
cholestyramine/aspartame	Cholestyramine Light
colesevelam HCl	WelChol
colesevelam HCl	colesevelam
colestipol HCl	Colestid
colestipol HCl	Colestid Flavored
colestipol HCl	colestipol
obeticholic acid	Ocaliva
Bladder and GI anticholinergics	
atropine sulfate	Atreza
atropine sulfate	Sal-Tropine
atropine sulfate	atropine
atropine sulfate/scopolamine hydrobromide/hyoscyamine	Colytrol
atropine sulfate/scopolamine hydrobromide/hyoscyamine	Simetyl
belladonna alkaloids	Belladonna
belladonna alkaloids	Colytrol
belladonna alkaloids	Pahomin
belladonna alkaloids	Simple Throat Irritations
belladonna alkaloids	Spacol
belladonna alkaloids	belladonna alkaloids
belladonna alkaloids/butabarbital sodium	Butibel
belladonna alkaloids/peppermint oil/anise oil	Pahoma
belladonna alkaloids/peppermint oil/anise oil	Pasmin
belladonna alkaloids/phenobarbital	Barbidonna
belladonna alkaloids/yellow jasmine	Painful Menstruation No.31
chlordiazepoxide HCl/methscopolamine nitrate	Librax (with methscopolamine)
chlordiazepoxide/clidinium bromide	Librax (with clidinium)
chlordiazepoxide/clidinium bromide	chlordiazepoxide-clidinium
darifenacin hydrobromide	Enablex
darifenacin hydrobromide	darifenacin
dicyclomine HCl	Antispas
dicyclomine HCl	Bentyl
dicyclomine HCl	Dicyclocot

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

Generic Name	Brand Name
dicyclomine HCl	Pasmin
dicyclomine HCl	dicyclomine
fesoterodine fumarate	Toviaz
fesoterodine fumarate	fesoterodine
flavoxate HCl	Urispas
flavoxate HCl	flavoxate
glycopyrrolate	Dartisla
glycopyrrolate	Glycate
glycopyrrolate	Robinul
glycopyrrolate	Robinul Forte
glycopyrrolate	glycopyrrolate
glycopyrrolate in sterile water	glycopyrrolate in water
glycopyrrolate in sterile water/PF	glycopyrrolate (PF) in water
glycopyrrolate/PF	Glyrx-PF
glycopyrrolate/PF	glycopyrrolate (PF)
hyoscyamine sulfate	A-Spas
hyoscyamine sulfate	Anaspaz
hyoscyamine sulfate	Colidrops
hyoscyamine sulfate	Colytrol Pediatric
hyoscyamine sulfate	Cystospaz-M
hyoscyamine sulfate	Dispas Chewable Melt
hyoscyamine sulfate	Ed-Spaz
hyoscyamine sulfate	Gastrosed
hyoscyamine sulfate	Hyco
hyoscyamine sulfate	HyoMax-DT
hyoscyamine sulfate	HyoMax-FT
hyoscyamine sulfate	HyoMax-SL
hyoscyamine sulfate	HyoMax-SR
hyoscyamine sulfate	Hyomax
hyoscyamine sulfate	Hyosol/SL
hyoscyamine sulfate	Hyosyne
hyoscyamine sulfate	IB-Stat
hyoscyamine sulfate	Levbid
hyoscyamine sulfate	Levsin
hyoscyamine sulfate	Levsin/SL
hyoscyamine sulfate	Levsinex
hyoscyamine sulfate	Mar-Spas Chewable Melt
hyoscyamine sulfate	Medispaz
hyoscyamine sulfate	Neosol
hyoscyamine sulfate	NuLev
hyoscyamine sulfate	Oscimin
hyoscyamine sulfate	Oscimin SL
hyoscyamine sulfate	Oscimin SR
hyoscyamine sulfate	PRO-HYO Chewable Melt
hyoscyamine sulfate	Spacol I.D.
hyoscyamine sulfate	Spacol T/S
hyoscyamine sulfate	Spasdel
hyoscyamine sulfate	Symax Duotab

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

Generic Name	Brand Name
hyoscyamine sulfate	Symax Fastabs
hyoscyamine sulfate	Symax-SL
hyoscyamine sulfate	Symax-SR
hyoscyamine sulfate	hyoscyamine sulfate
hyoscyamine sulfate/phenyltoloxamine citrate	Digex NF
hyoscyamine sulfate/phenyltoloxamine citrate	Gastrinex NF
mepenzolate bromide	Cantil
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	Indiomin MB
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	UTA
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	Urogesic-Blue
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	Urolet MB
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	Uryl
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	methen-sod phos-meth blue-hyos
methscopolamine bromide	Pamine
methscopolamine bromide	Pamine Forte
methscopolamine bromide	methscopolamine
methscopolamine/L.acidophilus/S.thermophl/L.paracasei/Bifido	Pamine FQ
opium/belladonna alkaloids	B and O 15-A Supprette
opium/belladonna alkaloids	B and O 16-A Supprette
opium/belladonna alkaloids	belladonna alkaloids-opium
oxybutynin	Gelnique
oxybutynin	Oxytrol
oxybutynin	Oxytrol For Women
oxybutynin chloride	Ditropan
oxybutynin chloride	Ditropan XL
oxybutynin chloride	Gelnique
oxybutynin chloride	oxybutynin chloride
phenazopyridine HCl/hyoscyamine/butabarbital	PhenazoForte Plus
phenazopyridine HCl/hyoscyamine/butabarbital	Phenazopyridine Plus
phenazopyridine HCl/hyoscyamine/butabarbital	Pyrelle HB
phenazopyridine HCl/hyoscyamine/butabarbital	Pyridium Plus
phenazopyridine HCl/hyoscyamine/butabarbital	Trellium Plus
phenazopyridine HCl/hyoscyamine/butabarbital	Urelief Plus
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Alkabel-SR
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Anti-Spas
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Antispasmodic
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	B-Donna
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	BELLATAL ER
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Belladonna-Phenobarbital
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Bellatal
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Colidrops
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	D-Tal
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Donnapine
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Donnatal
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Donnatal Extentabs
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Haponal
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Hyonatal
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Hyonatol-PB

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

Generic Name	Brand Name
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Hyosophen
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Lahey Mixture No.3
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Me-PB-Hyos
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	PB-HYOS
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Phenohytro
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Quadrapax
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	RE-PB Hyos
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Rexatal
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	SE-Donna PB Hyos
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Servira
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	Spastemms
phenobarbital/hyoscyamine sulf/atropine sulf/scopolamine Hb	phenobarb-hyoscy-atropine-scop
propantheline bromide	Pro-Banthine
propantheline bromide	propantheline
scopolamine	Transderm-Scop
scopolamine	scopolamine base
scopolamine hydrobromide	scopolamine HBr
simethicone/belladonna alkaloids	Simetyl
solifenacin succinate	Vesicare
solifenacin succinate	Vesicare LS
solifenacin succinate	solifenacin
tolterodine tartrate	Detrol
tolterodine tartrate	Detrol LA
tolterodine tartrate	tolterodine
trospium chloride	Sanctura
trospium chloride	Sanctura XR
trospium chloride	trospium
Calcium Channel Blockers	
aliskiren hemifumarate/amlodipine besylate	Tekamlo
aliskiren hemifumarate/amlodipine/hydrochlorothiazide	Amturnide
amlodipine benzoate	Katerzia
amlodipine besylate	Norliqva
amlodipine besylate	Norvasc
amlodipine besylate	amlodipine
amlodipine besylate/atorvastatin calcium	Caduet
amlodipine besylate/atorvastatin calcium	amlodipine-atorvastatin
amlodipine besylate/benazepril HCl	Lotrel
amlodipine besylate/benazepril HCl	amlodipine-benazepril
amlodipine besylate/celecoxib	Consensi
amlodipine besylate/olmesartan medoxomil	Azor
amlodipine besylate/olmesartan medoxomil	amlodipine-olmesartan
amlodipine besylate/valsartan	Exforge
amlodipine besylate/valsartan	amlodipine-valsartan
amlodipine besylate/valsartan/hydrochlorothiazide	Exforge HCT
amlodipine besylate/valsartan/hydrochlorothiazide	amlodipine-valsartan-hcthiazid
clevidipine butyrate	Cleviprex
diltiazem HCl	Cardizem
diltiazem HCl	Cardizem CD

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

Generic Name	Brand Name
diltiazem HCl	Cardizem LA
diltiazem HCl	Cartia XT
diltiazem HCl	DILT-CD
diltiazem HCl	DILT-XR
diltiazem HCl	Dilacor XR
diltiazem HCl	Diltia XT
diltiazem HCl	Diltzac ER
diltiazem HCl	Matzim LA
diltiazem HCl	Taztia XT
diltiazem HCl	Tiadylt ER
diltiazem HCl	Tiazac
diltiazem HCl	diltiazem HCl
diltiazem HCl in 0.9 % sodium chloride	diltiazem HCl in 0.9% NaCl
diltiazem HCl in sodium chloride, iso-osmotic	diltiazem HCl in 0.9% NaCl
diltiazem HCl/dextrose 5 % in water	diltiazem in dextrose 5 %
felodipine	felodipine
isradipine	DynaCirc CR
isradipine	isradipine
levamlodipine maleate	Conjupri
levamlodipine maleate	levamlodipine
nicardipine HCl	Cardene IV
nicardipine HCl	Cardene SR
nicardipine HCl	nicardipine
nicardipine HCl in 0.9 % sodium chloride	nicardipine in 0.9 % sod chlor
nicardipine in 5 % dextrose in water	nicardipine in 5 % dextrose
nicardipine in dextrose, iso-osmotic	Cardene IV in dextrose
nicardipine in sodium chloride, iso-osmotic	Cardene IV in sodium chloride
nicardipine in sodium chloride, iso-osmotic	nicardipine in NaCl (iso-os)
nifedipine	Adalat CC
nifedipine	Afeditab CR
nifedipine	Nifediac CC
nifedipine	Nifedical XL
nifedipine	Procardia
nifedipine	Procardia XL
nifedipine	nifedipine
nifedipine, micronized	nifedipine, micronized (bulk)
nimodipine	Nymalize
nimodipine	nimodipine
nisoldipine	Sular
nisoldipine	nisoldipine
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide	Tribenzor
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide	olmesartan-amlodipin-hcthiazid
perindopril arginine/amlodipine besylate	Prestalia
telmisartan/amlodipine besylate	Twynsta
telmisartan/amlodipine besylate	telmisartan-amlodipine
trandolapril/verapamil HCl	Tarka
trandolapril/verapamil HCl	trandolapril-verapamil
verapamil HCl	Calan

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

Generic Name	Brand Name
verapamil HCl	Calan SR
verapamil HCl	Covera-HS
verapamil HCl	Isoptin SR
verapamil HCl	Verelan
verapamil HCl	Verelan PM
verapamil HCl	verapamil
Chloride channel activators	
lubiprostone	Amitiza
lubiprostone	lubiprostone
Diuretics	
aliskiren hemifumarate/hydrochlorothiazide	Tekturna HCT
amiloride HCl	amiloride
amiloride HCl/hydrochlorothiazide	amiloride-hydrochlorothiazide
amlodipine besylate/valsartan/hydrochlorothiazide	Exforge HCT
amlodipine besylate/valsartan/hydrochlorothiazide	amlodipine-valsartan-hcthiazid
atenolol/chlorthalidone	Tenoretic 100
atenolol/chlorthalidone	Tenoretic 50
atenolol/chlorthalidone	atenolol-chlorthalidone
azilsartan medoxomil/chlorthalidone	Edarbyclor
benazepril HCl/hydrochlorothiazide	Lotensin HCT
benazepril HCl/hydrochlorothiazide	benazepril-hydrochlorothiazide
bisoprolol fumarate/hydrochlorothiazide	Ziac
bisoprolol fumarate/hydrochlorothiazide	bisoprolol-hydrochlorothiazide
bumetanide	bumetanide
candesartan cilexetil/hydrochlorothiazide	Atacand HCT
candesartan cilexetil/hydrochlorothiazide	candesartan-hydrochlorothiazid
captopril/hydrochlorothiazide	captopril-hydrochlorothiazide
chlorothiazide	Diuril
chlorothiazide	chlorothiazide
chlorothiazide sodium	Diuril IV
chlorothiazide sodium	chlorothiazide sodium
chlorthalidone	Thalitone
chlorthalidone	chlorthalidone
conivaptan HCl/dextrose 5 % in water	Vaprisol in 5 % dextrose
dichlorphenamide	dichlorphenamide
enalapril maleate/hydrochlorothiazide	Vaseretic
enalapril maleate/hydrochlorothiazide	enalapril-hydrochlorothiazide
eplerenone	Inspra
eplerenone	eplerenone
ethacrynate sodium	Sodium Edecrin
ethacrynate sodium	ethacrynate sodium
ethacrynic acid	Edecrin
ethacrynic acid	ethacrynic acid
fosinopril sodium/hydrochlorothiazide	fosinopril-hydrochlorothiazide
furosemide	Furoscix
furosemide	Lasix
furosemide	furosemide
furosemide in 0.9 % sodium chloride	furosemide in 0.9 % NaCl

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

Generic Name	Brand Name
furosemide/dextrose 5 % in water	furosemide in dextrose 5 %
hydrochlorothiazide	Microzide
hydrochlorothiazide	hydrochlorothiazide
indapamide	indapamide
irbesartan/hydrochlorothiazide	Avalide
irbesartan/hydrochlorothiazide	irbesartan-hydrochlorothiazide
lisinopril/hydrochlorothiazide	Zestoretic
lisinopril/hydrochlorothiazide	lisinopril-hydrochlorothiazide
losartan potassium/hydrochlorothiazide	Hyzaar
losartan potassium/hydrochlorothiazide	losartan-hydrochlorothiazide
methazolamide	Neptazane
methazolamide	methazolamide
methyclothiazide	methyclothiazide
methyldopa/hydrochlorothiazide	methyldopa-hydrochlorothiazide
metolazone	metolazone
metoprolol succinate/hydrochlorothiazide	Dutoprol
metoprolol succinate/hydrochlorothiazide	metoprolol su-hydrochlorothiaz
metoprolol tartrate/hydrochlorothiazide	metoprolol ta-hydrochlorothiaz
moexipril HCl/hydrochlorothiazide	moexipril-hydrochlorothiazide
nadolol/bendroflumethiazide	Corzide
nadolol/bendroflumethiazide	nadolol-bendroflumethiazide
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide	Tribenzor
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide	olmesartan-amlodipin-hcthiazid
olmesartan medoxomil/hydrochlorothiazide	Benicar HCT
olmesartan medoxomil/hydrochlorothiazide	olmesartan-hydrochlorothiazide
pamabrom	Diuretic Softgels
pamabrom	Diurex Max
propranolol HCl/hydrochlorothiazide	propranolol-hydrochlorothiazid
quinapril HCl/hydrochlorothiazide	Accuretic
quinapril HCl/hydrochlorothiazide	quinapril-hydrochlorothiazide
spironolactone	Aldactone
spironolactone	CaroSpir
spironolactone	spironolactone
spironolactone/hydrochlorothiazide	Aldactazide
spironolactone/hydrochlorothiazide	spironolacton-hydrochlorothiaz
telmisartan/hydrochlorothiazide	Micardis HCT
telmisartan/hydrochlorothiazide	telmisartan-hydrochlorothiazid
tolvaptan	Samsca
tolvaptan	tolvaptan
torsemide	Demadex
torsemide	Soaanz
torsemide	torsemide
triamterene	Dyrenium
triamterene	triamterene
triamterene/hydrochlorothiazide	Dyazide
triamterene/hydrochlorothiazide	Maxzide
triamterene/hydrochlorothiazide	Maxzide-25mg
triamterene/hydrochlorothiazide	triamterene-hydrochlorothiazid

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

Generic Name	Brand Name
urea	Ure-Na
urea	UreaPro
valsartan/hydrochlorothiazide	Diovan HCT
valsartan/hydrochlorothiazide	valsartan-hydrochlorothiazide
Erythromycin	
erythromycin base	Ery-Tab
erythromycin base	PCE
erythromycin base	erythromycin
erythromycin ethylsuccinate	E.E.S. 400
erythromycin ethylsuccinate	E.E.S. Granules
erythromycin ethylsuccinate	EryPed 200
erythromycin ethylsuccinate	EryPed 400
erythromycin ethylsuccinate	erythromycin ethylsuccinate
erythromycin lactobionate	Erythrocin
erythromycin lactobionate	erythromycin lactobionate
erythromycin stearate	Erythrocin (as stearate)
erythromycin stearate	erythromycin stearate
Histamine H2-Receptor Antagonists	
RANITIDINE HCL	Deprizine
cimetidine	Acid Reducer (cimetidine)
cimetidine	Heartburn Relief (cimetidine)
cimetidine	Tagamet HB
cimetidine	cimetidine
cimetidine HCl	cimetidine HCl
famotidine	Acid Controller
famotidine	Acid Reducer (famotidine)
famotidine	Acid-Pep
famotidine	Heartburn Prevention
famotidine	Heartburn Relief (famotidine)
famotidine	Pepcid
famotidine	Pepcid AC
famotidine	Pepcid AC Maximum Strength
famotidine	Zantac-360 (famotidine)
famotidine	famotidine
famotidine in 0.9 % sodium chloride	famotidine in 0.9 % NaCl
famotidine in sodium chloride, iso-osmotic/PF	famotidine (PF)-NaCl (iso-os)
famotidine/PF	famotidine (PF)
nizatidine	nizatidine
ranitidine HCl	Acid Control (ranitidine)
ranitidine HCl	Acid Reducer (ranitidine)
ranitidine HCl	Heartburn Relief (ranitidine)
ranitidine HCl	Wal-Zan 150
ranitidine HCl	Wal-Zan 75
ranitidine HCl	Zantac
ranitidine HCl	Zantac 75
ranitidine HCl	Zantac Maximum Strength
ranitidine HCl	ranitidine HCl
Laxatives	

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

Generic Name	Brand Name
bisacodyl	Alophen (bisacodyl)
bisacodyl	Bisa-Lax (bisacodyl)
bisacodyl	Bisac-Evac
bisacodyl	Biscolax
bisacodyl	C-Lax Laxative (bisacodyl)
bisacodyl	Correctol
bisacodyl	Ducodyl (bisacodyl)
bisacodyl	Dulcolax (bisacodyl)
bisacodyl	Fleet Bisacodyl
bisacodyl	Fleet Laxative (bisacodyl)
bisacodyl	Gentle Laxative (bisacodyl)
bisacodyl	Laxative (bisacodyl)
bisacodyl	Laxative Feminine
bisacodyl	OneLAX Bisacodyl
bisacodyl	Proctozone-B
bisacodyl	The Magic Bullet
bisacodyl	Woman's Laxative (bisacodyl)
bisacodyl	Women's Gentle Laxative(bisac)
bisacodyl	Women's Laxative (bisacodyl)
bisacodyl	bisacodyl
bisacodyl/sodium chlor/sodium bicarb/potassium chl/peg 3350	PEG-Prep
bran/guar gum/fiber/cellulose/psyllium seed/kelp/apple pectn	Fiber 6
calcium polycarbophil	Equalactin
calcium polycarbophil	Fiber (calcium polycarbophil)
calcium polycarbophil	Fiber Laxative (ca polycarbo)
calcium polycarbophil	Fiber Therapy (ca polycarboph)
calcium polycarbophil	Fiber-Lax
calcium polycarbophil	Fiber-Tabs
calcium polycarbophil	FiberCon
calcium polycarbophil	Konsyl Fiber
calcium polycarbophil	calcium polycarbophil
cascara sagrada	cascara sagrada
cascara sagrada bark/aloe cape/buckthorn bark/fennel seed	AloeMAXLAX-Cascara Sagrada
cascara/psyllium husk/bentonite/alfalfa/aloe/herbs	Herbal Colon Cleanser
castor oil	castor oil
cellulose	Unifiber
docusate calcium	Kao-Tin (docusate calcium)
docusate calcium	Kaopectate (docusate calcium)
docusate calcium	Stool Softener (docusate cal)
docusate calcium	Surfak
docusate calcium	docusate calcium
docusate sodium	Col-Rite
docusate sodium	Colace
docusate sodium	Colace Clear
docusate sodium	DOK
docusate sodium	DSS
docusate sodium	Diocto
docusate sodium	Dioctyl

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

Generic Name	Brand Name
docusate sodium	Doc-Q-Lace
docusate sodium	Docu
docusate sodium	DocuSol Kids
docusate sodium	Docuprene
docusate sodium	Docusil
docusate sodium	Docusol
docusate sodium	Dulcolax Stool Softener (dss)
docusate sodium	Enemeez
docusate sodium	Enemeez Kids
docusate sodium	Fleet Docusate
docusate sodium	Kids Mini Enema
docusate sodium	Laxa Basic
docusate sodium	Move It Along
docusate sodium	OneLAX Docusate Sodium
docusate sodium	Pedia-Lax Stool Softener
docusate sodium	Phillips' Liqui-Gels
docusate sodium	Prolaxa
docusate sodium	Promolaxin
docusate sodium	Silace
docusate sodium	Sof-Lax
docusate sodium	Stool Softener
docusate sodium	docusate sodium
docusate sodium/benzocaine	DocuSol Plus
docusate sodium/benzocaine	Enemeez Plus
docusate sodium/benzocaine	Mini Enema
glycerin	Fleet Glycerin (Adult)
glycerin	Fleet Glycerin (Child)
glycerin	Fleet Glycerin Laxative
glycerin	Laxative (glycerin-pediatric)
glycerin	Pedia-Lax
glycerin	Suppository Adult
glycerin	glycerin (adult)
glycerin	glycerin (child)
glycerin/maltodextrin	LiquaFiber
inulin	Benefiber Sugar Free (inulin)
inulin	Child's Fiber Select Gummies
inulin	Fiber Delights
inulin	Fiber Gummies
inulin	Phillips' Fiber Good
inulin	Prebiotic Fiber
inulin	Prebiotic Fiber Digestive
lactulose	Constulose
lactulose	Kristalose
lactulose	lactulose
magnesium citrate	Citrate of Magnesia
magnesium citrate	Citroma
magnesium citrate	OneLAX Magnesium Citrate
magnesium citrate	magnesium citrate

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

Generic Name	Brand Name
magnesium hydroxide	Dulcolax (magnesium hydroxide)
magnesium hydroxide	Gentle Laxative (mag hydrox)
magnesium hydroxide	Milk Of Magnesia Concentrated
magnesium hydroxide	Milk of Magnesia
magnesium hydroxide	Pedia-Lax (mag hydroxide)
magnesium hydroxide	Phillips Milk of Magnesia
magnesium hydroxide	magnesium hydroxide
magnesium sulfate	Epsom Salt (laxative)
methylcellulose	Citrucel
methylcellulose	Citrucel Sugar Free
methylcellulose	Fiber Laxative(methylcellulos)
methylcellulose	Fiber Therapy (m-cellulose)
methylcellulose	Soluble Fiber
methylcellulose (with sugar)	Citrucel (sucrose)
methylcellulose (with sugar)	Fiber Therapy (m-cell/sugar)
mineral oil	Fleet Mineral Oil
mineral oil	Mineral Oil Extra Heavy
mineral oil	Mineral Oil Heavy
mineral oil	Mineral Oil Laxative
mineral oil	Pure and Gentle (mineral oil)
mineral oil	Ready-To-Use Enema (min oil)
mineral oil	mineral oil
mineral oil/carrageenan	Kondremul
polyethylene glycol 3350	ClearLax
polyethylene glycol 3350	Gavilax
polyethylene glycol 3350	GentleLax
polyethylene glycol 3350	GlycoLax
polyethylene glycol 3350	HealthyLax
polyethylene glycol 3350	LaxaClear
polyethylene glycol 3350	Laxative PEG 3350
polyethylene glycol 3350	Miralax
polyethylene glycol 3350	Mix-In Laxative
polyethylene glycol 3350	Natura-LAX
polyethylene glycol 3350	Powderlax
polyethylene glycol 3350	Purelax
polyethylene glycol 3350	SmoothLax
polyethylene glycol 3350	polyethylene glycol 3350
polyethylene glycol 3350/sodium chloride/potassium citrate	Gialax
potassium bitartrate/sodium bicarbonate	Ceo-Two
psyllium husk	Daily Fiber
psyllium husk	Daily Fiber (psyllium-aspart)
psyllium husk	Evac
psyllium husk	Fiber (psyllium husk)
psyllium husk	Fiber (with aspartame)
psyllium husk	Fiber Laxative (psyllium husk)
psyllium husk	Fiber Therapy Laxative (husk)
psyllium husk	Fiber-Caps (psyllium husk)
psyllium husk	Geri-Mucil

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

Generic Name	Brand Name
psyllium husk	Geri-Mucil (aspartame)
psyllium husk	Konsyl Sugar-Free
psyllium husk	Meta Appetite Control
psyllium husk	Meta Appetite Ctrl (aspartame)
psyllium husk	Metamucil
psyllium husk	Metamucil Fiber (aspartame)
psyllium husk	Metamucil MultiHealth Fiber
psyllium husk	Metamucil Sugar-Free (aspart)
psyllium husk	Mucilin SF
psyllium husk	Multihealth Fiber
psyllium husk	Natural Daily Fiber
psyllium husk	Natural Fiber Laxative
psyllium husk	Natural Fiber Laxative(aspart)
psyllium husk	Natural Fiber Supplement
psyllium husk	Natural Fiber Supplemnt(asprt)
psyllium husk	Natural Psyllium Fiber
psyllium husk	OneLAX Daily Fiber
psyllium husk	Reguloid (aspartame)
psyllium husk	Reguloid (psyllium husk)
psyllium husk	Smooth Texture Fiber
psyllium husk	Wal-Mucil Fiber
psyllium husk	Wal-Mucil Fiber (aspartame)
psyllium husk	psyllium husk
psyllium husk (with dextrose)	Konsyl Formula-D
psyllium husk (with sugar)	Daily Fiber (psyllium-sucrose)
psyllium husk (with sugar)	Fiber (psyllium husk-sugar)
psyllium husk (with sugar)	Fiber Therapy (psyllium-sucro)
psyllium husk (with sugar)	Geri-Mucil (sugar)
psyllium husk (with sugar)	Konsyl (sugar)
psyllium husk (with sugar)	Metamucil (with sugar)
psyllium husk (with sugar)	Metamucil Fiber Thin
psyllium husk (with sugar)	Metamucil Free (with sugar)
psyllium husk (with sugar)	Multihealth Fiber (sugar)
psyllium husk (with sugar)	Natural Fiber Laxative (sugar)
psyllium husk (with sugar)	Natural Vegetable Powder
psyllium husk (with sugar)	NuSyllium
psyllium husk (with sugar)	OneLAX Fiber (with sucrose)
psyllium husk (with sugar)	Reguloid (psyllium husk-sucro)
psyllium husk (with sugar)	Wal-Mucil Fiber (sugar)
psyllium husk (with sugar)	Wal-Mucil Natural Fiber Lax
psyllium husk (with sugar)	psyllium husk (with sugar)
psyllium husk/bran/guar gum/pectin	Fiber Fusion Daily
psyllium husk/calcium carbonate	Metamucil Plus Calcium
psyllium husk/calcium carbonate	Wal-Mucil with Calcium
psyllium husk/laxative combination no.1	Colox
psyllium husk/sucralose	OneLAX Fiber (with sucralose)
psyllium husk/sucrose/saccharin sodium/dextrose	Mucilin
psyllium husk/sweetleaf	Konsyl Daily Fiber (stevia)

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

Generic Name	Brand Name
psyllium seed	Fiber Smooth
psyllium seed	Hydrocil
psyllium seed	Hydrocil Instant
psyllium seed	Natural Vegetable (psyllium)
psyllium seed	Reguloid, Sugar Free
psyllium seed (with dextrose)	Natural Fiber Laxative Therapy
psyllium seed (with dextrose)	Natural Vegetable
psyllium seed (with dextrose)	Reguloid (dextrose)
psyllium seed (with dextrose)	fiber
psyllium seed (with sugar)	Fiber Smooth (sucrose)
psyllium seed (with sugar)	Fiber Therapy(psyl seed-sugar)
psyllium seed (with sugar)	Metamucil (sugar)
psyllium seed (with sugar)	Metamucil Sunrise
psyllium seed (with sugar)	Natural Fiber Laxative (sugar)
psyllium seed (with sugar)	Natural Fiber Laxative Therapy
psyllium seed/aspartame	Natural Fiber Laxative(aspart)
senna leaf	senna leaf
senna leaf extract	Senokot
senna leaf extract	Senokot Kids
senna leaf extract	senna
senna leaf extract	senna leaf extract
senna leaf/herbal complex no.324	Senokot-Chamomile
senna leaf/psyllium husk/cascara/L.acidophilus/herbal no.279	Narcosoft
senna leaf/senna leaf extract/prunes	senna leaf-senna leaf xt-prune
senna/fennel	Natural Vegetable Laxative
sennosides	Black-Draught Lax-Senna
sennosides	Chocolate Laxative
sennosides	Evac-U-Gen (sennosides)
sennosides	Ex-Lax (sennosides)
sennosides	Ex-Lax Maximum Strength
sennosides	Geri-kot
sennosides	Laxative (sennosides)
sennosides	Laxative Maximum Strength
sennosides	Laxative Pills
sennosides	Laxative Pills Regular
sennosides	Natural Laxative
sennosides	Natural Senna Laxative
sennosides	Natural Veg Laxative(sennosid)
sennosides	OneLAX Senna
sennosides	Perdiem Overnight Relief
sennosides	Senexon
sennosides	Senna Concentrate
sennosides	Senna Lax
sennosides	Senna Laxative
sennosides	Senna-Gen
sennosides	Senno
sennosides	Senokot
sennosides	Senokot Extra Strength

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

Generic Name	Brand Name
sennosides	Vegetable Laxative
sennosides	senna
sennosides	sennosides
sennosides/docusate sodium	2-in-1 Laxative
sennosides/docusate sodium	Colace 2-In-1
sennosides/docusate sodium	DOK Plus
sennosides/docusate sodium	Docuzen
sennosides/docusate sodium	Lax Stool Softener With Senna
sennosides/docusate sodium	Laxacin
sennosides/docusate sodium	Laxative Plus Stool Softener
sennosides/docusate sodium	P-COL RITE
sennosides/docusate sodium	Senexon-S
sennosides/docusate sodium	Senna Laxative-Stool Softener
sennosides/docusate sodium	Senna Plus
sennosides/docusate sodium	Senna with Docusate Sodium
sennosides/docusate sodium	Senna-S
sennosides/docusate sodium	Senna-Time S
sennosides/docusate sodium	Senokot-S
sennosides/docusate sodium	Stimulant Laxative Plus
sennosides/docusate sodium	Stool Softener-Laxative
sennosides/docusate sodium	Stool Softener-Stimulant Laxat
sennosides/docusate sodium	Vegetable Lax-Stool Softener
sennosides/docusate sodium	sennosides-docusate sodium
sodium picosulfate/magnesium oxide/citric acid	Clenpiq
sodium picosulfate/magnesium oxide/citric acid	Prepopik
wheat dextrin	Benefiber (wheat dextrin)
wheat dextrin	Benefiber Clear SF (dextrin)
wheat dextrin	Benefiber Healthy Shape
wheat dextrin	Benefiber Sugar Free (dextrin)
wheat dextrin	Best Fiber
wheat dextrin	Fiber Supplement(wheatdextrin)
wheat dextrin/Lactobacillus acidophilus/aspartame	Fiber With Probiotic
wheat dextrin/calcium carbonate	Easy Fiber (wheat dextrin)
Metoclopramide	
metoclopramide HCl	Gimoti
metoclopramide HCl	Reglan
metoclopramide HCl	metoclopramide HCl
Opioids	
TRAMADOL HCL/GLUCOSAMINE SULFATE	Synapryn
acetaminophen with codeine phosphate	Capital with Codeine
acetaminophen with codeine phosphate	Tylenol-Codeine #3
acetaminophen with codeine phosphate	Tylenol-Codeine #4
acetaminophen with codeine phosphate	acetaminophen-codeine
acetaminophen/caffeine/dihydrocodeine bitartrate	Dvorah
acetaminophen/caffeine/dihydrocodeine bitartrate	Panlor(acetam-caff-dihydrocod)
acetaminophen/caffeine/dihydrocodeine bitartrate	Trezix
acetaminophen/caffeine/dihydrocodeine bitartrate	acetaminophen-caff-dihydrocod
alfentanil HCl	alfentanil

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

Generic Name	Brand Name
benzhydrocodone HCl/acetaminophen	Apadaz
benzhydrocodone HCl/acetaminophen	benzhydrocodone-acetaminophen
brompheniramine maleate/phenylephrine HCl/codeine phosphate	M-END PE
brompheniramine maleate/phenylephrine HCl/codeine phosphate	Poly-Tussin AC
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat	Mar-Cof BP
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat	Rydex
buprenorphine	Brixadi
buprenorphine	Butrans
buprenorphine	Sublocade
buprenorphine	buprenorphine
buprenorphine HCl	Belbuca
buprenorphine HCl	Buprenex
buprenorphine HCl	Probuphine
buprenorphine HCl	buprenorphine HCl
buprenorphine HCl/naloxone HCl	Bunavail
buprenorphine HCl/naloxone HCl	Suboxone
buprenorphine HCl/naloxone HCl	Zubsolv
buprenorphine HCl/naloxone HCl	buprenorphine-naloxone
butalbital/acetaminophen/caffeine/codeine phosphate	Fioricet with Codeine
butalbital/acetaminophen/caffeine/codeine phosphate	butalbital-acetaminop-caf-cod
butorphanol tartrate	butorphanol
carisoprodol/aspirin/codeine phosphate	carisoprodol-aspirin-codeine
chlorpheniramine maleate/codeine phosphate	Tuxarin ER
chlorpheniramine maleate/codeine phosphate	Z-Tuss AC
chlorpheniramine maleate/codeine phosphate	Zodryl AC 25
chlorpheniramine maleate/codeine phosphate	Zodryl AC 30
chlorpheniramine maleate/codeine phosphate	Zodryl AC 35
chlorpheniramine maleate/codeine phosphate	Zodryl AC 40
chlorpheniramine maleate/codeine phosphate	Zodryl AC 50
chlorpheniramine maleate/codeine phosphate	Zodryl AC 60
chlorpheniramine maleate/codeine phosphate	Zodryl AC 80
chlorpheniramine maleate/phenylephrine HCl/codeine phosphate	CapCof
chlorpheniramine maleate/phenylephrine HCl/codeine phosphate	Maxi-Tuss CD
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 25
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 30
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 35
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 40
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 50
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 60
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 80
codeine phosphate/butalbital/aspirin/caffeine	Ascomp with Codeine
codeine phosphate/butalbital/aspirin/caffeine	Butalbital Compound W/Codeine
codeine phosphate/butalbital/aspirin/caffeine	Butalbital Compound-Codeine
codeine phosphate/butalbital/aspirin/caffeine	Fiorinal-Codeine #3
codeine phosphate/butalbital/aspirin/caffeine	codeine-butalbital-ASA-caff
codeine phosphate/guaifenesin	Cheratussin AC
codeine phosphate/guaifenesin	Coditussin AC
codeine phosphate/guaifenesin	G Tussin AC

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

Generic Name	Brand Name
codeine phosphate/guaifenesin	Guaiatussin AC
codeine phosphate/guaifenesin	Guaifenesin AC
codeine phosphate/guaifenesin	M-Clear WC
codeine phosphate/guaifenesin	Mar-Cof CG
codeine phosphate/guaifenesin	Maxi-Tuss AC
codeine phosphate/guaifenesin	Ninjacof-XG
codeine phosphate/guaifenesin	Robafen AC
codeine phosphate/guaifenesin	Virtussin AC
codeine phosphate/guaifenesin	codeine-guaifenesin
codeine polistirex/chlorpheniramine polistirex	Tuzistra XR
codeine sulfate	codeine sulfate
dexchlorpheniramine maleate/phenylephrine HCl/codeine	Pro-Red AC (w/ dexchlorphenir)
difelikefalin acetate	Korsuva
fentanyl	Duragesic
fentanyl	Subsys
fentanyl	fentanyl
fentanyl citrate	Abstral
fentanyl citrate	Actiq
fentanyl citrate	Fentora
fentanyl citrate	Lazanda
fentanyl citrate	fentanyl citrate
fentanyl citrate in 0.9 % sodium chloride/PF	fentanyl citrate (PF)-0.9%NaCl
fentanyl citrate in dextrose 5% in water/PF	fentanyl citrate in D5W (PF)
fentanyl citrate/PF	fentanyl citrate (PF)
fentanyl citrate/bupivacaine HCl in 0.9 % sodium chloride/PF	fentanyl (PF)-bupivacaine-NaCl
fentanyl citrate/ropivacaine HCl/sodium chloride 0.9%/PF	fentanyl-ropivacaine-NaCl (PF)
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Zutripro
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	hydrocodone-cpm-pseudoephed
hydrocodone bitartrate	Hysingla ER
hydrocodone bitartrate	Zohydro ER
hydrocodone bitartrate	hydrocodone bitartrate
hydrocodone bitartrate/acetaminophen	Lorcet (hydrocodone)
hydrocodone bitartrate/acetaminophen	Lorcet HD
hydrocodone bitartrate/acetaminophen	Lorcet Plus
hydrocodone bitartrate/acetaminophen	Lortab Elixir
hydrocodone bitartrate/acetaminophen	Norco
hydrocodone bitartrate/acetaminophen	Vicodin
hydrocodone bitartrate/acetaminophen	Vicodin HP
hydrocodone bitartrate/acetaminophen	hydrocodone-acetaminophen
hydrocodone bitartrate/guaifenesin	Flowtuss
hydrocodone bitartrate/guaifenesin	Obredon
hydrocodone bitartrate/guaifenesin	hydrocodone-guaifenesin
hydrocodone bitartrate/homatropine methylbromide	Hycodan
hydrocodone bitartrate/homatropine methylbromide	Hycodan (with homatropine)
hydrocodone bitartrate/homatropine methylbromide	Hydrocodone Compound
hydrocodone bitartrate/homatropine methylbromide	Hydromet
hydrocodone bitartrate/homatropine methylbromide	Tussigon
hydrocodone bitartrate/homatropine methylbromide	hydrocodone-homatropine

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

Generic Name	Brand Name
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Hycofenix
hydrocodone polistirex/chlorpheniramine polistirex	TussiCaps
hydrocodone polistirex/chlorpheniramine polistirex	Tussionex Pennkinetic ER
hydrocodone polistirex/chlorpheniramine polistirex	hydrocodone-chlorpheniramine
hydrocodone/ibuprofen	Ibudone
hydrocodone/ibuprofen	hydrocodone-ibuprofen
hydromorphone HCl	Dilaudid
hydromorphone HCl	Exalgo ER
hydromorphone HCl	hydromorphone
hydromorphone HCl in 0.9 % sodium chloride	hydromorphone in 0.9 % NaCl
hydromorphone HCl in 0.9 % sodium chloride/PF	hydromorphone (PF)-0.9 % NaCl
hydromorphone HCl in dextrose 5 %-water/PF	hydromorphone in D5W (PF)
hydromorphone HCl in sodium chloride, iso-osmotic/PF	hydromorphone(PF)-NaCl,iso-osm
hydromorphone HCl in sterile water/PF	hydromorphone (PF) in water
hydromorphone HCl/PF	Dilaudid (PF)
hydromorphone HCl/PF	hydromorphone (PF)
hydromorphone HCl/bupivacaine HCl in 0.9% sodium chloride/PF	hydromorphone-bupiv (PF)-NaCl
hydromorphone HCl/ropivacaine in 0.9 % sodium chloride/PF	hydromorph(PF)-ropiv-0.9% NaCl
ibuprofen/oxycodone HCl	ibuprofen-oxycodone
levorphanol tartrate	levorphanol tartrate
meperidine HCl	Demerol
meperidine HCl	meperidine
meperidine HCl in 0.9 % sodium chloride	meperidine in 0.9 % NaCl
meperidine HCl in 0.9 % sodium chloride/PF	meperidine (PF) in 0.9 % NaCl
meperidine HCl/PF	Demerol (PF)
meperidine HCl/PF	meperidine (PF)
methadone HCl	Diskets
methadone HCl	Dolophine
methadone HCl	Methadone Intensol
methadone HCl	Methadose
methadone HCl	methadone
methadone HCl in sodium chloride,iso-osmotic	methadone in sod chlor,iso-osm
methadone hydrochloride in 0.9 % sodium chloride	methadone in 0.9 % sod.chlorid
morphine sulfate	Arymo ER
morphine sulfate	Kadian
morphine sulfate	MS Contin
morphine sulfate	MorphaBond ER
morphine sulfate	morphine
morphine sulfate	morphine concentrate
morphine sulfate in 0.9 % sodium chloride	morphine in 0.9 % sodium chlor
morphine sulfate in 0.9 % sodium chloride/PF	morphine (PF) in 0.9 % sod chl
morphine sulfate/PF	Duramorph (PF)
morphine sulfate/PF	Infumorph P/F
morphine sulfate/PF	Mitigo (PF)
morphine sulfate/PF	morphine (PF)
morphine sulfate/dextrose 5 % in water	morphine in dextrose 5 %
morphine sulfate/dextrose 5%-water/PF	morphine (PF) in dextrose 5 %
morphine sulfate/naltrexone HCl	Embeda

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

Generic Name	Brand Name
nalbuphine HCl	nalbuphine
naltrexone HCl	Lotrexone
naltrexone HCl	Naltrex
oliceridine fumarate	Olinvyk
oxycodone HCl	Oxaydo
oxycodone HCl	OxyContin
oxycodone HCl	Roxicodone
oxycodone HCl	RoxyBond
oxycodone HCl	oxycodone
oxycodone HCl/acetaminophen	Endocet
oxycodone HCl/acetaminophen	Nalocet
oxycodone HCl/acetaminophen	Percocet
oxycodone HCl/acetaminophen	Primlev
oxycodone HCl/acetaminophen	Prolate
oxycodone HCl/acetaminophen	oxycodone-acetaminophen
oxycodone HCl/aspirin	oxycodone-aspirin
oxycodone myristate	Xtampza ER
oxymorphone HCl	Opana
oxymorphone HCl	oxymorphone
pentazocine HCl/naloxone HCl	pentazocine-naloxone
pentazocine lactate	Talwin
promethazine HCl/codeine	promethazine-codeine
promethazine/phenylephrine HCl/codeine	Promethazine VC-Codeine
promethazine/phenylephrine HCl/codeine	promethazine-phenyleph-codeine
pseudoephedrine HCl/codeine phosphate/guaifenesin	Coditussin DAC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Guaifenesin DAC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Lortuss EX
pseudoephedrine HCl/codeine phosphate/guaifenesin	Virtussin DAC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 25
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 30
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 35
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 40
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 50
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 60
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 80
sufentanil citrate	Dsuvia
sufentanil citrate/bupivacaine HCl/0.9 % sodium chloride/PF	sufentanil-bupivacain-NaCl(PF)
tapentadol HCl	Nucynta
tapentadol HCl	Nucynta ER
tramadol HCl	ConZip
tramadol HCl	Qdolo
tramadol HCl	Ultram
tramadol HCl	tramadol
tramadol HCl/acetaminophen	Ultracet
tramadol HCl/acetaminophen	tramadol-acetaminophen
tramadol HCl/celecoxib	Seglentis
triprolidine HCl/phenylephrine HCl/codeine phosphate	Histex-AC
Other 5-HT4 receptor agonists	

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

Generic Name	Brand Name
tegaserod hydrogen maleate	Zelnorm
Other GC-C agonists	
linaclotide	Linzess
Plecanatide	
plecanatide	Trulance
Potassium-competitive acid blockers	
vonoprazan fumarate	Voquezna
vonoprazan fumarate/amoxicillin trihydrate	Voquezna Dual Pak
vonoprazan fumarate/amoxicillin trihydrate/clarithromycin	Voquezna Triple Pak
Proton-pump inhibitors	
LANSOPRAZOLE	FIRST-Lansoprazole
OMEPRAZOLE	FIRST-Omeprazole
OMEPRAZOLE	Omeprazole+SyrSpend SF Alka
dexlansoprazole	Dexilant
dexlansoprazole	dexlansoprazole
esomeprazole magnesium	Acid Reducer (esomeprazole)
esomeprazole magnesium	Heartburn Treatment
esomeprazole magnesium	Nexium
esomeprazole magnesium	Nexium 24HR
esomeprazole magnesium	Nexium Packet
esomeprazole magnesium	esomeprazole magnesium
esomeprazole magnesium/glycerin	Esomep-EZS
esomeprazole sodium	Nexium IV
esomeprazole sodium	esomeprazole sodium
esomeprazole strontium	esomeprazole strontium
lansoprazole	Acid Reducer (lansoprazole)
lansoprazole	Heartburn Treatment 24 Hour
lansoprazole	Prevacid
lansoprazole	Prevacid 24Hr
lansoprazole	Prevacid SoluTab
lansoprazole	lansoprazole
omeprazole	omeprazole
omeprazole magnesium	Acid Reducer (omeprazole)
omeprazole magnesium	Prilosec
omeprazole magnesium	Prilosec OTC
omeprazole magnesium	omeprazole magnesium
pantoprazole sodium	Protonix
pantoprazole sodium	pantoprazole
pantoprazole sodium in 0.9 % sodium chloride	pantoprazole in 0.9% sod chlor
rabeprazole sodium	AcipHex
rabeprazole sodium	AcipHex Sprinkle
rabeprazole sodium	rabeprazole
Prucalopride	
prucalopride	prucalopride
prucalopride succinate	Motegrity
prucalopride succinate	prucalopride
Tenapanor	
tenapanor HCl	Ibsrela

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

Generic Name	Brand Name
tenapanor HCl	Xphozah

Appendix H. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Plecanatide After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP01	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Frequent	3.397
DP01	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Often	3.382
DP01	3E0G8GC	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Any	3.030
DP01	3E0436Z	INTRO OTH TX SUBSTANCE UGI NAT/ART OPENING ENDO	PX	10	Frequent	3.030
DP01	0DB28ZX	EXCISION MID ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	2.912
DP01	0DH67UZ	INSERTION FEED DEVICE STOMACH NAT/ART OPENING	PX	10	Any	2.912
DP01	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Any	2.686
DP01	0DHA3UZ	INSERTION FEEDING DEVICE JEJUNUM PERQ APPROACH	PX	10	Any	2.299
DP01	0BJ08ZZ	INSPECT TRACHEOBRONCH TREE NAT/ART OPENING ENDO	PX	10	Any	2.219
DP01	0DH63UZ	INSERTION FEEDING DEVICE STOMACH PERQ APPROACH	PX	10	Any	2.219
DP01	3E0336Z	INTRODUCTION NUTRITION SUBSTANCE PERIPH VN PERQ	PX	10	Any	2.154
DP01	0DBB0ZZ	EXCISION OF ILEUM OPEN APPROACH	PX	10	Any	2.085
DP01	0DB98ZX	EXCISION DUODENUM VIA NAT/ART OPENING ENDO DX	PX	10	Any	1.981
DP01	3E0436Z	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Any	1.977
DP01	0DB38ZX	EXCISION LOWER ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	1.862
DP01	B211YZZ	FLUORO MULTIPLE CORONARY ARTERIES OTHER CONTRAST	PX	10	Any	1.813
DP01	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Frequent	1.728
DP01	0DBM8ZX	EXCISION DESCEND COLON NAT OR ART OPEN ENDO DX	PX	10	Any	1.680
DP01	0KQM0ZZ	REPAIR PERINEUM MUSCLE OPEN APPROACH	PX	10	Any	1.653
DP01	5A1221Z	PERFORMANCE OF CARDIAC OUTPUT CONTINUOUS	PX	10	Any	1.653
DP01	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Frequent	1.597
DP01	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Any	1.586
DP01	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Frequent	1.581
DP01	0D9670Z	DRAINAGE STOMACH DRAINAGE DEVICE NAT/ART OPENING	PX	10	Any	1.580
DP01	0DB78ZX	EXCISION STOMACH PYLORUS NAT/ART OPENING ENDO DX	PX	10	Any	1.570
DP01	A9541	TECHNETIUM TC-99M SULFUR COLLOID DX UP TO 20 MCI	PX	HCPCS	Any	1.535
DP01	02PYX3Z	REMOVAL INFUSION DEVICE GREAT VESSEL EXT APPRCH	PX	10	Any	1.525
DP01	0DNW4ZZ	EXCISION ILEUM VIA NATURAL/ARTFICL OPEN ENDO DX	PX	10	Any	1.525
DP01	0DBB8ZX	RELEASE PERITONEUM PERQ ENDOSCOPIC APPROACH	PX	10	Any	1.525
DP01	3E0H76Z	INTRO NUTRITION SUBSTANCE LOW GI NAT/ART OPENING	PX	10	Any	1.525
DP01	0DB68ZX	EXCISION STOMACH VIA NATURAL/ART OPENING ENDO DX	PX	10	Any	1.508
DP01	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Frequent	1.497
DP01	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Any	1.479

Appendix H. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Plecanatide After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP01	0JH63XZ	INSERT TUNNELED VASC ACSS DVC CHEST SQ TIS&FS PC	PX	10	Any	1.451
DP01	0DBL8ZX	EXCISION TRANSVERSE COLON NAT/ART OPNG ENDO DX	PX	10	Any	1.420
DP01	0DBP8ZX	EXCISION RECTUM VIA NAT OR ART OPENING ENDO DX	PX	10	Any	1.420
DP01	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Often	1.409
DP01	0SRC0J9	REPLACE RT KNEE JOINT SYNTH SUBST CEMENTED OPEN	PX	10	Any	1.365
DP01	0SRD0J9	REPLACE LT KNEE JOINT SYNTH SUBST CEMENTED OPEN	PX	10	Any	1.365
DP01	0DB64Z3	EXCISION STOMACH PERQ ENDO APPROACH VERTICAL	PX	10	Any	1.288
DP01	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Any	1.241
DP01	0DBN8ZX	EXCISION SIGMOID COLON NAT/ART OPEN ENDO DX	PX	10	Any	1.238
DP01	0DJ08ZZ	INSPECTION UP INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.238
DP01	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Often	1.186
DP01	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Frequent	1.120
DP01	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Any	1.112
DP01	R14	RESECTION APPENDIX PERQ ENDOSCOPIC APPROACH	DX	10	Frequent	1.084
DP01	0DTJ4ZZ	FLATULENCE AND RELATED CONDITIONS	PX	10	Any	1.084
DP01	0F798DZ	DILATION COMN BILE DUCT INT DEVC NAT/ART OP ENDO	PX	10	Any	1.055
DP01	0HQ9XZZ	REPAIR PERINEUM SKIN EXTERNAL APPROACH	PX	10	Any	1.055
DP01	C162	Antidepressant - Monamine Oxidase (MAO) Inhibitors	RX	CLASS	Frequent	1.052
DP01	05HY33Z	INSERTION INFUS DEVICE INTO UPPER VN PERQ APPRCH	PX	10	Any	1.033
DP01	J2550	INJECTION MIDAZOLAM HCL PER 1 MG	PX	HCPCS	Frequent	1.020
DP01	01N10ZZ	RELEASE CERVICAL NERVE OPEN APPROACH	PX	10	Any	1.015
DP01	3E0T3BZ	INTRODUCTION ANESTH AGT PERIPHERAL NRV&PLEXI PC	PX	10	Any	1.015
DP01	J3475	INJECTION MAGNESIUM SULPHATE PER 500 MG	PX	HCPCS	Frequent	1.011
DP01	8E0ZXY6	ISOLATION	PX	10	Any	0.986
DP01	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Frequent	0.985
DP01	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Any	0.969
DP01	C162	Antidepressant - Monamine Oxidase (MAO) Inhibitors	RX	CLASS	Often	0.969
DP01	R11	NAUSEA AND VOMITING	DX	10	Frequent	0.965
DP01	0DV44ZZ	RESTRICTION ESOPHAGOGASTRIC JUNCTION PERQ ENDO	PX	10	Any	0.950
DP01	0DB58ZX	EXCISION ESOPHAGUS NATRL ARTFICL OPENING ENDO DX	PX	10	Any	0.912
DP01	C90	Anti-Obesity - Melanocortin 4 (MC4) Receptor Agonist	RX	CLASS	Often	0.886
DP01	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Frequent	0.867
DP01	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Frequent	0.853
DP01	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Often	0.852
DP01	D04_INT_ALL_Q4		PX	10	Q4ServiceInt	0.848

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP01	R13	APHAGIA AND DYSPHAGIA	DX	10	Frequent	0.844
DP01	C90	Anti-Obesity - Melanocortin 4 (MC4) Receptor Agonist	RX	CLASS	Any	0.842
DP01	0D1B4Z4	DRAINAGE SPINAL CANAL PERCUTANEOUS APPROACH DX	PX	10	Any	0.832
DP01	0DBK8ZX	BYPASS ILEUM CUTANEOUS PERQ ENDOSCOPIC APPROACH	PX	10	Any	0.832
DP01	0DJD8ZZ	EXCISION ASCENDING COLON NAT/ART OP ENDO DX	PX	10	Any	0.832
DP01	B548ZZA	INSPECTION LOW INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	0.832
DP01	009U3ZX	EXCISION OF LUMBOSACRAL DISC OPEN APPROACH	PX	10	Any	0.832
DP01	0SB40ZZ	FUSION LV JOINT IF DEVC ANT APPR ANT COLM OPEN	PX	10	Any	0.832
DP01	0SG00A0	DRAINAGE PERITONEAL CAVITY PERCUTANEOUS	PX	10	Any	0.832
DP01	0W9G3ZZ	RESPIRATORY VENTILATION 24-96 CONSECUTIVE HOURS	PX	10	Any	0.832
DP01	5A1945Z	ULTRASONOGRAPHY OF SUPERIOR VENA CAVA GUIDANCE	PX	10	Frequent	0.832
DP01	D04_INT_UNIQ_Q4		PX	10	Q4ServiceInt	0.832
DP01	C162	Antidepressant - Monamine Oxidase (MAO) Inhibitors	RX	CLASS	Any	0.832
DP01	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Often	0.815
DP01	U0004	2019-NCOV CORONAVIRUS SARS-COV-2/COVID-19 ANY T	PX	HCPCS	Frequent	0.809
DP01	731	ANESTHESIA UPPER GI ENDOSCOPIC PX NOS	PX	CPT	Frequent	0.792
DP01	02HV33Z	INSERTION INFUSION DEVC SUPERIOR VENA CAVA PERQ	PX	10	Any	0.781
DP01	B24BZZ4	ULTRASONOGRAPHY HEART WITH AORTA TRANSESOPHAGEAL	PX	10	Any	0.777
DP01	J0897	INJECTION DENOSUMAB 1 MG	PX	HCPCS	Often	0.770
DP01	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Frequent	0.758
DP01	K22	OTHER DISEASES OF ESOPHAGUS	DX	10	Frequent	0.755
DP01	C90	Anti-Obesity - Melanocortin 4 (MC4) Receptor Agonist	RX	CLASS	Frequent	0.751
DP01	J1650	INJECTION ENOXAPARIN SODIUM 10 MG	PX	HCPCS	Frequent	0.750
DP01	G0299	DIRECT SNS RN HOME HEALTH/HOSPICE SET EA 15 MIN	PX	HCPCS	Frequent	0.735
DP01	99205	OFFICE/OUTPATIENT NEW HIGH MDM 60 MINUTES	PX	CPT	Any	0.724
DP01	C219	Antihistamines - 1st Generation / Sedative-Hypnotic - Non-Barbiturates	RX	CLASS	Frequent	0.721
DP01	J1200	INJECTION DIPHENHYDRAMINE HCL UP TO 50 MG	PX	HCPCS	Frequent	0.720
DP01	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Often	0.715
DP01	10D00Z1	EXTRACTION PRODUCTS OF CONCEPTION LOW OPEN	PX	10	Any	0.708
DP01	J0897	INJECTION DENOSUMAB 1 MG	PX	HCPCS	Any	0.703
DP01	J2060	INJECTION LORAZEPAM 2 MG	PX	HCPCS	Any	0.665
DP01	E87	OTH D/O OF FLUID ELECTROLYTE & ACID-BASE BALANCE	DX	10	Frequent	0.664
DP02	0DB68ZZ	EXCISION STOMACH VIA NATRL/ARTFICL OPENING ENDO	PX	10	Any	1.877
DP02	0DJD8ZZ	INSPECTION LOW INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.734

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP02	0DB58ZX	EXCISION ESOPHAGUS NATRL ARTFICL OPENING ENDO DX	PX	10	Any	1.695
DP02	3E0T3BZ	INTRODUCTION ANESTH AGT PERIPHERAL NRV&PLEXI PC	PX	10	Any	1.695
DP02	4A11X4G	MONITOR PERIPH NERVOUS ELECTRIC ACT INTRAOP EXT	PX	10	Any	1.619
DP02	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Frequent	1.611
DP02	0DBN8ZX	EXCISION SIGMOID COLON NAT/ART OPEN ENDO DX	PX	10	Any	1.472
DP02	0DJ08ZZ	INSPECTION UP INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.472
DP02	J2550	INJECTION MIDAZOLAM HCL PER 1 MG	PX	HCPCS	Frequent	1.440
DP02	A9541	TECHNETIUM TC-99M SULFUR COLLOID DX UP TO 20 MCI	PX	HCPCS	Any	1.398
DP02	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Often	1.213
DP02	03HY32Z	INSERTION MONITOR DEVICE UPPER ARTERY PERQ APPR	PX	10	Any	1.184
DP02	0D9670Z	DRAINAGE STOMACH DRAINAGE DEVICE NAT/ART OPENING	PX	10	Any	1.184
DP02	0DHA3UZ	INSERTION FEEDING DEVICE JEJUNUM PERQ APPROACH	PX	10	Any	1.184
DP02	3E0333Z	INTRODUCTION ANTI-INFLAMMATORY PERIPH VEIN PERQ	PX	10	Any	1.184
DP02	B24BZZ4	ULTRASONOGRAPHY HEART WITH AORTA TRANSESOPHAGEAL	PX	10	Any	1.184
DP02	R11	NAUSEA AND VOMITING	DX	10	Frequent	1.129
DP02	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Any	1.118
DP02	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Often	1.114
DP02	B246ZZ4	ULTRASONOGRAPHY RIGHT & LT HEART TRANSESOPHAGEAL	PX	10	Any	1.066
DP02	0DB68ZX	EXCISION STOMACH VIA NATURAL/ART OPENING ENDO DX	PX	10	Any	1.041
DP02	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Frequent	1.033
DP02	0SB20ZZ	EXCISION OF LUMBAR VERTEBRAL DISC OPEN APPROACH	PX	10	Any	1.013
DP02	0SRD0J9	REPLACE LT KNEE JOINT SYNTH SUBST CEMENTED OPEN	PX	10	Any	1.013
DP02	R13	APHAGIA AND DYSPHAGIA	DX	10	Frequent	0.973
DP02	0DB78ZX	EXCISION STOMACH PYLORUS NAT/ART OPENING ENDO DX	PX	10	Any	0.961
DP02	731	ANESTHESIA UPPER GI ENDOSCOPIC PX NOS	PX	CPT	Frequent	0.952
DP02	J1200	INJECTION DIPHENHYDRAMINE HCL UP TO 50 MG	PX	HCPCS	Frequent	0.946
DP02	C899	Mouth and Throat - Local Anesthetic Mixtures	RX	CLASS	Frequent	0.924
DP02	J7050	INFUSION NORMAL SALINE SOLUTION 250 CC	PX	HCPCS	Frequent	0.920
DP02	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Any	0.914
DP02	74018	RADIOLOGIC EXAM ABDOMEN 1 VIEW	PX	CPT	Frequent	0.867
DP02	0FT44ZZ	RESECTION GALLBLADDER PERQ ENDOSCOPIC APPROACH	PX	10	Any	0.831
DP02	0RRJ00Z	REPLC RT SHOULDER JNT RVS BALL SOC SYNTH SUB OPN	PX	10	Any	0.831
DP02	0SG30A0	FUSION LUMBSACRL JNT IF ANT APPR ANT COLUMN OPEN	PX	10	Any	0.831
DP02	J2765	INJECTION METOCLOPRAMIDE HCL UP TO 10 MG	PX	HCPCS	Any	0.825
DP02	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Frequent	0.813
DP02	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Frequent	0.813

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP02	021009W	RELEASE LUMBAR SPINAL CORD OPEN APPROACH	PX	10	Any	0.779
DP02	02583ZZ	RELEASE CERVICAL NERVE OPEN APPROACH	PX	10	Any	0.779
DP02	02C03ZZ	BYPASS COR ART 1 ART AORTA AUTO VEN TISS OPEN	PX	10	Any	0.779
DP02	05HY33Z	DESTRUCTION CONDUCTION MECHANISM PERQ APPROACH	PX	10	Any	0.779
DP02	0D164ZA	EXTIRPATION MATTER CORONARY ARTERY 1 ARTERY PERQ	PX	10	Any	0.779
DP02	0D758ZZ	INSERTION INFUS DEVICE INTO UPPER VN PERQ APPRCH	PX	10	Any	0.779
DP02	0DB38ZX	BYPASS STOMACH TO JEJUNUM PERQ ENDO APPROACH	PX	10	Any	0.779
DP02	0DBA4ZZ	DILATION ESOPHAGUS NATURAL/ARTFICL OPENING ENDO	PX	10	Any	0.779
DP02	0DBK8ZX	EXCISION LOWER ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	0.779
DP02	0JH606Z	EXCISION OF JEJUNUM PERQ ENDOSCOPIC APPROACH	PX	10	Any	0.779
DP02	0PS43ZZ	EXCISION ASCENDING COLON NAT/ART OP ENDO DX	PX	10	Any	0.779
DP02	0PU43JZ	EXCISION TRANSVERSE COLON NAT/ART OPNG ENDO DX	PX	10	Any	0.779
DP02	0SG1071	INSERT PM DUAL CHAMB CHEST SUBQ TISS FASCIA OPEN	PX	10	Any	0.779
DP02	4A03X5D	REPOSITION THORACIC VERTEBRA PERCUTANEOUS	PX	10	Any	0.779
DP02	00NY0ZZ	SUPPLEMENT THORACIC VERTEBRA SYNTH SUBST PERQ	PX	10	Frequent	0.779
DP02	01N10ZZ	FUSION 2/MORE LV JNT AUTO TISS POST APPR PC OPEN	PX	10	Frequent	0.779
DP02	5A1D70Z	MEASUREMENT ART FLOW INTRACRANIAL EXTERNAL	PX	10	Frequent	0.779
DP02	0DBL8ZX	PERFORMANCE URINARY FILTRAT INTERMITTNT<6 HR/DAY	PX	10	Any	0.779
DP02	J7120	RINGERS LACTATE INFUSION UP TO 1000 CC	PX	HCPCS	Frequent	0.779
DP02	K22	OTHER DISEASES OF ESOPHAGUS	DX	10	Frequent	0.766
DP02	J2270	INJECTION MORPHINE SULFATE UP TO 10 MG	PX	HCPCS	Frequent	0.751
DP02	G0378	HOSPITAL OBSERVATION SERVICE PER HOUR	PX	HCPCS	Frequent	0.749
DP02	83605	ASSAY OF LACTATE	PX	CPT	Frequent	0.745
DP02	J1170	INJECTION HYDROMORPHONE UP TO 4 MG	PX	HCPCS	Frequent	0.739
DP02	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Often	0.733
DP02	R11	NAUSEA AND VOMITING	DX	10	Often	0.732
DP02	96361	IV INFUSION HYDRATION EACH ADDITIONAL HOUR	PX	CPT	Frequent	0.721
DP02	C208	Antiemetic - Substance P-Neurokinin 1 (NK1) Receptor Antagonists	RX	CLASS	Frequent	0.716
DP02	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Any	0.715
DP02	99239	HOSPITAL IP/OBS DISCHARGE DAY MGMT > 30 MIN	PX	CPT	Frequent	0.710
DP02	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Frequent	0.696
DP02	J7050	INFUSION NORMAL SALINE SOLUTION 250 CC	PX	HCPCS	Any	0.692
DP02	027034Z	DILATION CA 1 ARTERY RX-ELUT INTRALUM DEVC PERQ	PX	10	Any	0.688
DP02	96365	IV INFUSION THERAPY/PROPHYLAXIS /DX 1ST TO 1 HR	PX	CPT	Frequent	0.684
DP02	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Frequent	0.679
DP02	R19	OTH SX & SIGNS INVLV THE DIGESTIVE SYSTEM & ABD	DX	10	Frequent	0.672

Appendix H. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Plecanatide After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP02	C1056	Pharmaceutical Adjuvant - Capsule Excipients	RX	CLASS	Frequent	0.656
DP02	C219	Antihistamines - 1st Generation / Sedative-Hypnotic - Non-Barbiturates	RX	CLASS	Often	0.645
DP02	R13	APHAGIA AND DYSPHAGIA	DX	10	Often	0.635
DP02	88342	IMHCHEM/IMCYTCHM 1ST SINGLE ANTB STAIN PROCEDURE	PX	CPT	Frequent	0.626
DP02	731	ANESTHESIA UPPER GI ENDOSCOPIC PX NOS	PX	CPT	Any	0.626
DP02	96375	THERAPEUTIC INJECTION IV PUSH EACH NEW DRUG	PX	CPT	Frequent	0.622
DP02	J3010	INJECTION FENTANYL CITRATE 0.1 MG	PX	HCPCS	Frequent	0.622
DP02	J7030	INFUSION NORMAL SALINE SOLUTION 1000 CC	PX	HCPCS	Frequent	0.619
DP02	J45	ASTHMA	DX	10	Frequent	0.617
DP02	83690	ASSAY OF LIPASE	PX	CPT	Frequent	0.613
DP02	C914	Multivitamin and Mineral Combinations / Vitamins - Oil Soluble	RX	CLASS	Often	0.610
DP02	01NR0ZZ	RELEASE SACRAL NERVE OPEN APPROACH	PX	10	Any	0.608
DP02	0DH63UZ	INSERTION FEEDING DEVICE STOMACH PERQ APPROACH	PX	10	Any	0.608
DP02	0RT30ZZ	RESECTION CERVICAL VERTEBRAL DISC OPEN APPROACH	PX	10	Any	0.608
DP02	0SG3071	FUS LUMBOSACRAL JNT AUTO TISS APPR POST PC OPEN	PX	10	Any	0.608
DP02	0ST20ZZ	RESECTION OF LUMBAR VERTEBRAL DISC OPEN APPROACH	PX	10	Any	0.608
DP02	3E0U0GB	INTRO RECOMB BONE MORPHOGENETIC PROTEIN JNT OPEN	PX	10	Any	0.608
DP02	4A023N8	MEASUREMENT CARDIAC SAMPLING PRESSURE BILAT PERQ	PX	10	Any	0.608
DP02	B240ZZ3	ULTRASONOGRAPHY SINGLE CORONARY ARTERY IV	PX	10	Any	0.608
DP02	C1027	Otic (Ear) - Antibacterial	RX	CLASS	Frequent	0.608
DP02	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Often	0.603
DP02	96374	THER PROPH/DX NJX IV PUSH SINGLE/1ST SBST/DRUG	PX	CPT	Frequent	0.597
DP02	C208	Antiemetic - Substance P-Neurokinin 1 (NK1) Receptor Antagonists	RX	CLASS	Often	0.591
DP02	82962	GLUC BLD GLUC MNTR DEV CLEARED FDA SPEC HOME USE	PX	CPT	Frequent	0.589
DP02	G0463	HOSPITAL OUTPATIENT CLIN VISIT ASSESS & MGMT PT	PX	HCPCS	Frequent	0.589
DP02	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Often	0.581
DP03	N/A[1]		N/A	N/A	N/A	N/A
DP04	0D2DXUZ	CHANGE FEEDING DEVICE LOWER INTESTINAL TRACT EXT	PX	10	Any	4.083
DP04	0DHA3UZ	INSERTION FEEDING DEVICE JEJUNUM PERQ APPROACH	PX	10	Any	3.390
DP04	3E0436Z	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Any	2.830
DP04	3E0G8GC	INTRO OTH TX SUBSTANCE UGI NAT/ART OPENING ENDO	PX	10	Any	2.802
DP04	E1165	TYPE 2 DIABETES MELLITUS WITH HYPERGLYCEMIA	DX	10	Frequent	2.802
DP04	0D20XUZ	CHANGE FEEDING DEVICE UPPER INTESTINAL TRACT EXT	PX	10	Any	2.579
DP04	3E0H76Z	INTRO NUTRITION SUBSTANCE LOW GI NAT/ART OPENING	PX	10	Any	2.579
DP04	E108	TYPE 1 DIABETES MELLITUS W/UNSPEC COMPLICATIONS	DX	10	Any	2.579

Appendix H. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Plecanatide After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP04	E1143	TYPE 2 DM W/DIABETIC AUTONOMIC POLYNEUROPATHY	DX	10	Any	2.579
DP04	0DH63UZ	INSERTION FEEDING DEVICE STOMACH PERQ APPROACH	PX	10	Any	2.445
DP04	0DB28ZX	EXCISION MID ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	2.291
DP04	0JH63XZ	INSERT TUNNELED VASC ACSS DVC CHEST SQ TIS&FS PC	PX	10	Any	2.291
DP04	3E0436Z	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Frequent	2.291
DP04	3E0336Z	INTRODUCTION NUTRITION SUBSTANCE PERIPH VN PERQ	PX	10	Any	2.204
DP04	0DHA4UZ	INSERTION FEED DEVICE JEJUNUM PERQ ENDO APPRCH	PX	10	Any	2.173
DP04	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Any	2.086
DP04	0WQF0ZZ	REPAIR ABDOMINAL WALL OPEN	PX	10	Any	2.040
DP04	0DB38ZX	EXCISION LOWER ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	1.955
DP04	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Frequent	1.941
DP04	0DB58ZX	EXCISION ESOPHAGUS NATRL ARTFICL OPENING ENDO DX	PX	10	Any	1.927
DP04	E1065	TYPE 1 DIABETES MELLITUS WITH HYPERGLYCEMIA	DX	10	Any	1.886
DP04	E1065	TYPE 1 DIABETES MELLITUS WITH HYPERGLYCEMIA	DX	10	Often	1.886
DP04	E108	TYPE 1 DIABETES MELLITUS W/UNSPEC COMPLICATIONS	DX	10	Often	1.886
DP04	05HB33Z	INSERTION INFUSION DEVICE RT BASILIC VEIN PERQ	PX	10	Any	1.886
DP04	0DBB8ZX	EXCISION ILEUM VIA NATURAL/ARTFICL OPEN ENDO DX	PX	10	Any	1.886
DP04	3E013GC	INTRODUCTION OTH THERAP SUBSTANCE SUBQ TISS PERQ	PX	10	Frequent	1.886
DP04	E109	TYPE 1 DIABETES MELLITUS WITHOUT COMPLICATIONS	DX	10	Any	1.886
DP04	E872	ACIDOSIS	DX	10	Any	1.886
DP04	E8881	METABOLIC SYNDROME OTH INSULIN RESISTANCE	DX	10	Any	1.886
DP04	02H633Z	INSERTION INFUSION DEVICE INTO RT ATRIUM PERQ	PX	10	Any	1.821
DP04	0UT90ZZ	RESECTION UTERUS OPEN	PX	10	Any	1.752
DP04	0DBP8ZX	EXCISION RECTUM VIA NAT OR ART OPENING ENDO DX	PX	10	Any	1.598
DP04	0D9670Z	DRAINAGE STOMACH DRAINAGE DEVICE NAT/ART OPENING	PX	10	Any	1.549
DP04	0DB78ZX	EXCISION STOMACH PYLORUS NAT/ART OPENING ENDO DX	PX	10	Any	1.521
DP04	A9541	TECHNETIUM TC-99M SULFUR COLLOID DX UP TO 20 MCI	PX	HCPCS	Any	1.517
DP04	0DB98ZX	EXCISION DUODENUM VIA NAT/ART OPENING ENDO DX	PX	10	Any	1.508
DP04	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Often	1.449
DP04	0KQM0ZZ	REPAIR PERINEUM MUSCLE OPEN APPROACH	PX	10	Any	1.446
DP04	3E033XZ	INTRODUCTION VASOPRESSOR PERIPHERAL VEIN PERQ	PX	10	Any	1.375
DP04	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Frequent	1.329
DP04	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Often	1.325
DP04	10E0XZZ	DELIVERY PRODUCTS OF CONCEPTION EXTERNAL	PX	10	Any	1.313
DP04	GZ3ZZZZ	MEDICATION MANAGEMENT	PX	10	Any	1.292
DP04	0DB68ZX	EXCISION STOMACH VIA NATURAL/ART OPENING ENDO DX	PX	10	Any	1.258

Appendix H. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Plecanatide After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP04	C9803	H O/P CLI SPEC CLCT SARS-COV-2 COVID-19 ANY SRC	PX	HCPCS	Frequent	1.227
DP04	B24BZZ4	ULTRASONOGRAPHY HEART WITH AORTA TRANSESOPHAGEAL	PX	10	Any	1.205
DP04	E1042	TYPE 1 DIABETES MELLITUS W/DIAB POLYNEUROPATHY	DX	10	Any	1.193
DP04	E1065	TYPE 1 DIABETES MELLITUS WITH HYPERGLYCEMIA	DX	10	Frequent	1.193
DP04	E108	TYPE 1 DIABETES MELLITUS W/UNSPEC COMPLICATIONS	DX	10	Frequent	1.193
DP04	E1122	TYPE 2 DIABETES MELLITUS W/DIAB CHRON KIDNEY DZ	DX	10	Often	1.193
DP04	E1142	TYPE 2 DIABETES MELLITUS W/DIAB POLYNEUROPATHY	DX	10	Any	1.193
DP04	E1143	TYPE 2 DM W/DIABETIC AUTONOMIC POLYNEUROPATHY	DX	10	Frequent	1.193
DP04	E782	MIXED HYPERLIPIDEMIA	DX	10	Frequent	1.193
DP04	E8342	HYPOMAGNESEMIA	DX	10	Frequent	1.193
DP04	E8351	HYPOCALCEMIA	DX	10	Frequent	1.193
DP04	E8352	HYPERCALCEMIA	DX	10	Any	1.193
DP04	E8352	HYPERCALCEMIA	DX	10	Frequent	1.193
DP04	E8352	HYPERCALCEMIA	DX	10	Often	1.193
DP04	E871	HYPO-OSMOLALITY AND HYPONATREMIA	DX	10	Any	1.193
DP04	E873	ALKALOSIS	DX	10	Any	1.193
DP04	05HC33Z	INSERTION INFUSION DEVICE LT BASILIC VEIN PERQ	PX	10	Any	1.193
DP04	0DBE8ZX	EXCISION OF LARGE INTESTINE NAT/ART OPEN ENDO DX	PX	10	Any	1.193
DP04	E875	HYPERKALEMIA	DX	10	Any	1.193
DP04	E876	HYPOKALEMIA	DX	10	Frequent	1.193
DP04	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Any	1.158
DP04	R11	NAUSEA AND VOMITING	DX	10	Frequent	1.143
DP04	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Frequent	1.141
DP04	02HV33Z	INSERTION INFUSION DEVC SUPERIOR VENA CAVA PERQ	PX	10	Any	1.137
DP04	0DJ08ZZ	INSPECTION UP INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.137
DP04	0DTJ4ZZ	RESECTION APPENDIX PERQ ENDOSCOPIC APPROACH	PX	10	Any	1.110
DP04	3E03329	INTRODUCTION OTH ANTI-INFECTIVE PERIPH VEIN PERQ	PX	10	Frequent	1.110
DP04	D01_INT_ALL_Q1		DX	10	Q1ServiceInt	1.093
DP04	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Any	1.093
DP04	05HY33Z	INSERTION INFUS DEVICE INTO UPPER VN PERQ APPRCH	PX	10	Any	1.087
DP04	74018	RADIOLOGIC EXAM ABDOMEN 1 VIEW	PX	CPT	Frequent	1.061
DP04	0DBN8ZX	EXCISION SIGMOID COLON NAT/ART OPEN ENDO DX	PX	10	Any	1.059
DP04	C1141	Sickle Hemoglobin (HbS) Polymerization Inhibitor	RX	CLASS	Often	1.051
DP04	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Any	1.022
DP04	C1141	Sickle Hemoglobin (HbS) Polymerization Inhibitor	RX	CLASS	Frequent	1.008

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP04	U0002	2019-NCOV CORONAVIRUS SARS-COV-2/2019-NCOV	PX	HCPCS	Frequent	1.003
DP04	5A1935Z	RESPIRATORY VENTILATION < 24 CONSECUTIVE HOURS	PX	10	Any	0.992
DP04	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Any	0.989
DP04	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Often	0.988
DP04	J2550	INJECTION MIDAZOLAM HCL PER 1 MG	PX	HCPCS	Frequent	0.972
DP04	E039	HYPOTHYROIDISM UNSPECIFIED	DX	10	Often	0.970
DP04	0SG3071	FUS LUMBOSACRAL JNT AUTO TISS APPR POST PC OPEN	PX	10	Any	0.970
DP04	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Frequent	0.970
DP04	J2060	INJECTION LORAZEPAM 2 MG	PX	HCPCS	Frequent	0.961
DP04	G0444	ANNUAL DEPRESSION SCREENING, 5 TO 15 MINUTES	PX	HCPCS	Any	0.955
DP04	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Frequent	0.949
DP04	R13	APHAGIA AND DYSPHAGIA	DX	10	Frequent	0.932
DP04	J1170	INJECTION HYDROMORPHONE UP TO 4 MG	PX	HCPCS	Frequent	0.915
DP04	E876	HYPOKALEMIA	DX	10	Any	0.905
DP04	99232	SBSQ HOSPITAL IP/OBS CARE MOD MDM 35 MINUTES	PX	CPT	Frequent	0.905
DP04	0DNW0ZZ	RELEASE PERITONEUM OPEN APPROACH	PX	10	Any	0.887
DP04	0SG0071	FUS LV JNT AUTO TISS SUB POST APPR POST COLM OPN	PX	10	Any	0.887
DP04	0SG00AJ	FUSION LV JOINT IF DEVC POST APPR ANT COLM OPEN	PX	10	Any	0.887
DP04	82947	GLUCOSE QUANTITATIVE BLOOD XCPT REAGENT STRIP	PX	CPT	Frequent	0.885
DP04	E860	DEHYDRATION	DX	10	Any	0.883
DP04	4A10X4Z	MONITORING CENTRAL NERVOUS ELECTRICAL ACTIV EXT	PX	10	Any	0.874
DP05	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Frequent	3.819
DP05	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Often	3.372
DP05	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Any	2.986
DP05	05HC33Z	INSERTION INFUSION DEVICE LT BASILIC VEIN PERQ	PX	10	Any	2.516
DP05	0DB58ZX	EXCISION ESOPHAGUS NATRL ARTFICL OPENING ENDO DX	PX	10	Any	2.516
DP05	3E0336Z	INTRODUCTION NUTRITION SUBSTANCE PERIPH VN PERQ	PX	10	Any	2.516
DP05	0DH63UZ	INSERTION FEEDING DEVICE STOMACH PERQ APPROACH	PX	10	Any	2.110
DP05	3E0436Z	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Any	2.005
DP05	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Frequent	2.005
DP05	5A1D70Z	PERFORMANCE URINARY FILTRAT INTERMITTNT<6 HR/DAY	PX	10	Frequent	2.005
DP05	0DBE8ZX	EXCISION OF LARGE INTESTINE NAT/ART OPEN ENDO DX	PX	10	Any	1.823
DP05	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Any	1.823

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP05	A9541	TECHNETIUM TC-99M SULFUR COLLOID DX UP TO 20 MCI	PX	HCPCS	Any	1.782
DP05	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Frequent	1.752
DP05	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Frequent	1.747
DP05	5A1945Z	RESPIRATORY VENTILATION 24-96 CONSECUTIVE HOURS	PX	10	Any	1.717
DP05	021109W	BYPASS COR ART 2 ART AORTA AUTO VEN TISSUE OPEN	PX	10	Any	1.599
DP05	0DB38ZX	EXCISION LOWER ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	1.599
DP05	0TJB8ZZ	EXCISION TRANSVERSE COLON NAT OR ART OPNG ENDO	PX	10	Any	1.599
DP05	0DBL8ZZ	INSPECTION BLADDER NATURAL/ARTFICL OPENING ENDO	PX	10	Frequent	1.599
DP05	0DJ08ZZ	INSPECTION UP INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.474
DP05	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Any	1.455
DP05	0DBP8ZX	EXCISION RECTUM VIA NAT OR ART OPENING ENDO DX	PX	10	Any	1.417
DP05	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Frequent	1.305
DP05	0UT70ZZ	RESECTION BILATERAL FALLOPIAN TUBES OPEN	PX	10	Any	1.291
DP05	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Any	1.247
DP05	0BQT4ZZ	REPAIR DIAPHRAGM PERCUTANEOUS ENDOSCOPIC APPR	PX	10	Any	1.243
DP05	0D9670Z	DRAINAGE STOMACH DRAINAGE DEVICE NAT/ART OPENING	PX	10	Any	1.243
DP05	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Often	1.219
DP05	0D164ZA	BYPASS STOMACH TO JEJUNUM PERQ ENDO APPROACH	PX	10	Any	1.194
DP05	0DB28ZX	EXCISION MID ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	1.194
DP05	0DBL8ZX	EXCISION TRANSVERSE COLON NAT/ART OPNG ENDO DX	PX	10	Any	1.194
DP05	0T768DZ	DILAT RT URETER INTRALUM DEVC NAT/ART OPEN ENDO	PX	10	Any	1.194
DP05	4A10X4Z	MONITORING CENTRAL NERVOUS ELECTRICAL ACTIV EXT	PX	10	Any	1.194
DP05	009U3ZX	DRAINAGE SPINAL CANAL PERCUTANEOUS APPROACH DX	PX	10	Any	1.173
DP05	0DB64Z3	EXCISION STOMACH PERQ ENDO APPROACH VERTICAL	PX	10	Any	1.173
DP05	0DBN8ZX	EXCISION SIGMOID COLON NAT/ART OPEN ENDO DX	PX	10	Any	1.173
DP05	0BH17EZ	INSERT ENDOTRACHL AIRWAY TRACHEA NAT/ART OPENING	PX	10	Any	1.129
DP05	0DB98ZX	EXCISION DUODENUM VIA NAT/ART OPENING ENDO DX	PX	10	Any	1.129
DP05	0DTN4ZZ	RESECTION SIGMOID COLON PERQ ENDOSCOPIC APPROACH	PX	10	Any	1.129
DP05	5A1935Z	RESPIRATORY VENTILATION < 24 CONSECUTIVE HOURS	PX	10	Any	1.129
DP05	5A1955Z	RESPIRATORY VENTILATION > 96 CONSECUTIVE HOURS	PX	10	Any	1.129
DP05	02100Z9	BYPASS COR ART 1 ARTERY LT INTERNAL MAMMARY OPEN	PX	10	Any	1.089
DP05	3E033XZ	INSERTION INFUSION DEVC SUPERIOR VENA CAVA PERQ	PX	10	Any	1.060
DP05	02HV33Z	INTRODUCTION VASOPRESSOR PERIPHERAL VEIN PERQ	PX	10	Frequent	1.060
DP05	R11	NAUSEA AND VOMITING	DX	10	Frequent	1.041
DP05	3E0T3BZ	RESECTION UTERUS OPEN	PX	10	Any	1.040
DP05	5A1221Z	INTRODUCTION ANESTH AGT PERIPHERAL NRV&PLEXI PC	PX	10	Any	1.040

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP05	5A1D70Z	PERFORMANCE OF CARDIAC OUTPUT CONTINUOUS	PX	10	Any	1.040
DP05	0UT90ZZ	PERFORMANCE URINARY FILTRAT INTERMITTNT<6 HR/DAY	PX	10	Any	1.040
DP05	0DB78ZX	EXCISION STOMACH PYLORUS NAT/ART OPENING ENDO DX	PX	10	Any	1.024
DP05	0DB68ZX	EXCISION STOMACH VIA NATURAL/ART OPENING ENDO DX	PX	10	Any	1.015
DP05	C1056	Pharmaceutical Adjuvant - Capsule Excipients	RX	CLASS	Frequent	0.996
DP05	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Frequent	0.976
DP05	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Frequent	0.958
DP05	02HV33Z	INSERTION INFUSION DEVC SUPERIOR VENA CAVA PERQ	PX	10	Any	0.947
DP05	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Frequent	0.911
DP05	02H633Z	INSERTION INFUSION DEVICE INTO RT ATRIUM PERQ	PX	10	Any	0.906
DP05	02L73DK	OCCLUSION LT ATRIAL APPENDAGE INTRALUM DEVC PERQ	PX	10	Any	0.906
DP05	0DQP4ZZ	BYPASS STOMACH TO JEJUNUM PERQ ENDO APPROACH	PX	10	Any	0.906
DP05	0JH63XZ	INSERTION FEED DEVICE STOMACH NAT/ART OPENING	PX	10	Any	0.906
DP05	B548ZZA	REPAIR RECTUM PERCUTANEOUS ENDOSCOPIC APPROACH	PX	10	Any	0.906
DP05	0D164ZA	INSERT TUNNELED VASC ACSS DVC CHEST SQ TIS&FS PC	PX	10	Frequent	0.906
DP05	0DH67UZ	ULTRASONOGRAPHY OF HEART WITH AORTA	PX	10	Frequent	0.906
DP05	B24BZZZ	ULTRASONOGRAPHY OF SUPERIOR VENA CAVA GUIDANCE	PX	10	Frequent	0.906
DP05	G0463	HOSPITAL OUTPATIENT CLIN VISIT ASSESS & MGMT PT	PX	HCPCS	Frequent	0.900
DP05	00NW0ZZ	RELEASE CERVICAL SPINAL CORD OPEN APPROACH	PX	10	Any	0.885
DP05	0SRC0J9	REPLACE RT KNEE JOINT SYNTH SUBST CEMENTED OPEN	PX	10	Any	0.885
DP05	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Any	0.875
DP05	C208	Antiemetic - Substance P-Neurokinin 1 (NK1) Receptor Antagonists	RX	CLASS	Frequent	0.852
DP05	A0429	AMBULANCE SERVICE BLS EMERGENCY TRANSPORT	PX	HCPCS	Frequent	0.842
DP05	R13	APHAGIA AND DYSPHAGIA	DX	10	Frequent	0.830
DP05	C219	Antihistamines - 1st Generation / Sedative-Hypnotic - Non-Barbiturates	RX	CLASS	Frequent	0.827
DP05	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Often	0.827
DP05	E87	OTH D/O OF FLUID ELECTROLYTE & ACID-BASE BALANCE	DX	10	Frequent	0.824
DP05	74018	RADIOLOGIC EXAM ABDOMEN 1 VIEW	PX	CPT	Frequent	0.823
DP05	99232	SBSQ HOSPITAL IP/OBS CARE MOD MDM 35 MINUTES	PX	CPT	Frequent	0.813
DP05	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Any	0.801
DP05	J1200	INJECTION DIPHENHYDRAMINE HCL UP TO 50 MG	PX	HCPCS	Frequent	0.800
DP05	J1170	INJECTION HYDROMORPHONE UP TO 4 MG	PX	HCPCS	Frequent	0.775
DP05	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Frequent	0.769
DP05	C151	Anticonvulsant - Phenyltriazine Derivatives / Bipolar Therapy Agents - Anticonvulsant Type	RX	CLASS	Frequent	0.762

Appendix H. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Plecanatide After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP05	Z88	ALLERGY STATUS RX MEDS & BIOLOGICAL SUBSTANCES	DX	10	Frequent	0.761
DP05	D05_INT_ALL_Q4		PX	10	Q4ServiceInt	0.755
DP05	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Often	0.754
DP05	84100	ASSAY OF PHOSPHORUS INORGANIC	PX	CPT	Frequent	0.749
DP05	C162	Antidepressant - Monamine Oxidase (MAO) Inhibitors	RX	CLASS	Any	0.747
DP05	A9270	NONCOVERED ITEM OR SERVICE	PX	HCPCS	Frequent	0.747
DP05	D05_INT_UNIQ_Q2		PX	10	Q2ServiceInt	0.738
DP05	J2765	INJECTION METOCLOPRAMIDE HCL UP TO 10 MG	PX	HCPCS	Any	0.717
DP05	R11	NAUSEA AND VOMITING	DX	10	Often	0.706
DP05	K22	OTHER DISEASES OF ESOPHAGUS	DX	10	Frequent	0.705
DP05	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Often	0.705
DP05	01N10ZZ	RELEASE CERVICAL NERVE OPEN APPROACH	PX	10	Any	0.703
DP05	10D00Z1	EXTRACTION PRODUCTS OF CONCEPTION LOW OPEN	PX	10	Any	0.703
DP05	3E0337Z	INTRODUCTION ELECTROLYTC WATR BAL SBSTNC PV PERQ	PX	10	Any	0.703
DP05	4A023N6	MEASUREMENT CARDIAC SAMPLING PRESS RT HEART PERQ	PX	10	Any	0.703
DP05	99223	1ST HOSPITAL IP/OBS CARE HIGH MDM 75 MINUTES	PX	CPT	Frequent	0.691
DP05	J2704	INJECTION PROPOFOL 10 MG	PX	HCPCS	Frequent	0.691
DP05	C162	Antidepressant - Monamine Oxidase (MAO) Inhibitors	RX	CLASS	Often	0.688
DP06	0D2DXUZ	CHANGE FEEDING DEVICE LOWER INTESTINAL TRACT EXT	PX	10	Any	2.670
DP06	3E0436Z	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Any	2.462
DP06	0DHA3UZ	INSERTION FEEDING DEVICE JEJUNUM PERQ APPROACH	PX	10	Any	2.270
DP06	3E0336Z	INTRODUCTION NUTRITION SUBSTANCE PERIPH VN PERQ	PX	10	Any	2.227
DP06	3E0G8GC	INTRO OTH TX SUBSTANCE UGI NAT/ART OPENING ENDO	PX	10	Any	1.784
DP06	0D20XUZ	CHANGE FEEDING DEVICE UPPER INTESTINAL TRACT EXT	PX	10	Any	1.764
DP06	0DV44ZZ	RESTRICTION ESOPHAGOGASTRIC JUNCTION PERQ ENDO	PX	10	Any	1.682
DP06	A9541	TECHNETIUM TC-99M SULFUR COLLOID DX UP TO 20 MCI	PX	HCPCS	Any	1.665
DP06	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Frequent	1.660
DP06	0DB38ZX	EXCISION LOWER ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	1.505
DP06	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Any	1.478
DP06	0DB58ZX	EXCISION ESOPHAGUS NATRL ARTFICL OPENING ENDO DX	PX	10	Any	1.445
DP06	0DH63UZ	INSERTION FEEDING DEVICE STOMACH PERQ APPROACH	PX	10	Any	1.383
DP06	0DB98ZX	EXCISION DUODENUM VIA NAT/ART OPENING ENDO DX	PX	10	Any	1.357
DP06	5A0935A	ASSISTANCE RESP VENT < 24 CONS HR H FLW VEL CNLA	PX	10	Any	1.341
DP06	0D9670Z	DRAINAGE STOMACH DRAINAGE DEVICE NAT/ART OPENING	PX	10	Any	1.315

Appendix H. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Plecanatide After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP06	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Frequent	1.299
DP06	5A1955Z	RESPIRATORY VENTILATION > 96 CONSECUTIVE HOURS	PX	10	Frequent	1.262
DP06	C228	Antihyperlipidemic - PCSK9 Inhibitors	RX	CLASS	Frequent	1.259
DP06	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Frequent	1.236
DP06	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Often	1.231
DP06	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Often	1.230
DP06	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Any	1.213
DP06	0DH67UZ	INSERTION FEED DEVICE STOMACH NAT/ART OPENING	PX	10	Any	1.204
DP06	0BQT4ZZ	REPAIR DIAPHRAGM PERCUTANEOUS ENDOSCOPIC APPR	PX	10	Any	1.160
DP06	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Any	1.138
DP06	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Frequent	1.126
DP06	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Often	1.089
DP06	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Frequent	1.073
DP06	C228	Antihyperlipidemic - PCSK9 Inhibitors	RX	CLASS	Often	1.059
DP06	0D758ZZ	DILATION ESOPHAGUS NATURAL/ARTFICL OPENING ENDO	PX	10	Any	1.028
DP06	0F798DZ	DILATION COMN BILE DUCT INT DEVC NAT/ART OP ENDO	PX	10	Any	1.028
DP06	0DB68ZX	EXCISION STOMACH VIA NATURAL/ART OPENING ENDO DX	PX	10	Any	1.027
DP06	3E033XZ	INTRODUCTION VASOPRESSOR PERIPHERAL VEIN PERQ	PX	10	Any	1.015
DP06	0DJ08ZZ	INSPECTION UP INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.003
DP06	R11	NAUSEA AND VOMITING	DX	10	Frequent	0.992
DP06	731	ANESTHESIA UPPER GI ENDOSCOPIC PX NOS	PX	CPT	Frequent	0.976
DP06	74018	RADIOLOGIC EXAM ABDOMEN 1 VIEW	PX	CPT	Frequent	0.956
DP06	0BJ08ZZ	INSPECT TRACHEOBRONCH TREE NAT/ART OPENING ENDO	PX	10	Any	0.948
DP06	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Any	0.939
DP06	3E043XZ	INTRODUCTION VASOPRESSOR CENTRAL VEIN PERQ APPR	PX	10	Any	0.888
DP06	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Any	0.887
DP06	K22	OTHER DISEASES OF ESOPHAGUS	DX	10	Frequent	0.882
DP06	02HV33Z	INSERTION INFUSION DEVC SUPERIOR VENA CAVA PERQ	PX	10	Any	0.880
DP06	B548ZZA	ULTRASONOGRAPHY OF SUPERIOR VENA CAVA GUIDANCE	PX	10	Any	0.876
DP06	5A1955Z	RESPIRATORY VENTILATION > 96 CONSECUTIVE HOURS	PX	10	Any	0.875
DP06	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Frequent	0.869
DP06	0DB78ZX	EXCISION STOMACH PYLORUS NAT/ART OPENING ENDO DX	PX	10	Any	0.846
DP06	0TJB8ZZ	INSPECTION BLADDER NATURAL/ARTFICL OPENING ENDO	PX	10	Any	0.846
DP06	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Frequent	0.842
DP06	5A1945Z	RESPIRATORY VENTILATION 24-96 CONSECUTIVE HOURS	PX	10	Any	0.833
DP06	R13	APHAGIA AND DYSPHAGIA	DX	10	Frequent	0.818

Appendix H. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Plecanatide After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP06	J1170	INJECTION HYDROMORPHONE UP TO 4 MG	PX	HCPCS	Frequent	0.794
DP06	C228	Antihyperlipidemic - PCSK9 Inhibitors	RX	CLASS	Any	0.789
DP06	05HB33Z	INSERTION INFUSION DEVICE RT BASILIC VEIN PERQ	PX	10	Any	0.788
DP06	G0179	PHYS/ALLOWED PRAC RE-CERT MCR-COV HHS UND HH POC	PX	HCPCS	Often	0.786
DP06	3E0T3BZ	INTRODUCTION ANESTH AGT PERIPHERAL NRV&PLEXI PC	PX	10	Any	0.782
DP06	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Any	0.774
DP06	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Often	0.771
DP06	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Frequent	0.768
DP06	G0179	PHYS/ALLOWED PRAC RE-CERT MCR-COV HHS UND HH POC	PX	HCPCS	Any	0.768
DP06	0DN80ZZ	RELEASE / SMALL INTESTINE / OPEN APPROACH	PX	10	Any	0.766
DP06	R11	NAUSEA AND VOMITING	DX	10	Often	0.764
DP06	96361	IV INFUSION HYDRATION EACH ADDITIONAL HOUR	PX	CPT	Frequent	0.756
DP06	C570	Dermatological - Ornithine Decarboxylase (ODC) Inhibitors	RX	CLASS	Frequent	0.752
DP06	C208	Antiemetic - Substance P-Neurokinin 1 (NK1) Receptor Antagonists	RX	CLASS	Frequent	0.750
DP06	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Often	0.750
DP06	02H633Z	INSERTION INFUSION DEVICE INTO RT ATRIUM PERQ	PX	10	Any	0.741
DP06	05HY33Z	INSERTION INFUS DEVICE INTO UPPER VN PERQ APPRCH	PX	10	Any	0.731
DP06	03HY32Z	INSERTION MONITOR DEVICE UPPER ARTERY PERQ APPR	PX	10	Any	0.723
DP06	C219	Antihistamines - 1st Generation / Sedative-Hypnotic - Non-Barbiturates	RX	CLASS	Frequent	0.716
DP06	0JH63XZ	INSERT TUNNELED VASC ACSS DVC CHEST SQ TIS&FS PC	PX	10	Any	0.709
DP06	C1122	Quinolone Antibiotics	RX	CLASS	Frequent	0.705
DP06	05HC33Z	INSERTION INFUSION DEVICE LT BASILIC VEIN PERQ	PX	10	Any	0.701
DP06	731	ANESTHESIA UPPER GI ENDOSCOPIC PX NOS	PX	CPT	Any	0.691
DP06	C914	Multivitamin and Mineral Combinations / Vitamins - Oil Soluble	RX	CLASS	Any	0.687
DP06	K22	OTHER DISEASES OF ESOPHAGUS	DX	10	Often	0.686
DP06	00NY0ZZ	RELEASE LUMBAR SPINAL CORD OPEN APPROACH	PX	10	Any	0.684
DP06	J2765	INJECTION METOCLOPRAMIDE HCL UP TO 10 MG	PX	HCPCS	Any	0.683
DP06	C914	Multivitamin and Mineral Combinations / Vitamins - Oil Soluble	RX	CLASS	Often	0.676
DP06	G0463	HOSPITAL OUTPATIENT CLIN VISIT ASSESS & MGMT PT	PX	HCPCS	Frequent	0.671
DP06	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Often	0.669
DP06	0W9B3ZZ	DRAINAGE LEFT PLEURAL CAVITY PERCUTANEOUS	PX	10	Any	0.664
DP06	D04_INT_UNIQ_Q4	ULTRASONOGRAPHY OF RIGHT AND LEFT HEART	PX	10	Q4ServiceInt	0.661
DP06	B246ZZZ		PX	10	Any	0.661
DP06	0DBP8ZX	EXCISION RECTUM VIA NAT OR ART OPENING ENDO DX	PX	10	Any	0.660

Appendix H. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Plecanatide After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP06	J2704	INJECTION PROPOFOL 10 MG	PX	HCPCS	Frequent	0.660
DP06	D04_INT_ALL_Q4		PX	10	Q4ServiceInt	0.658
DP06	C44	Alzheimer's Disease Therapy - Cholinesterase Inhibitors	RX	CLASS	Frequent	0.657
DP06	C197	Antiemetic - Cannabinoid Type / Appetite Stimulants - Cannabinoids / Cannabis and Cannabinoids	RX	CLASS	Frequent	0.656
DP06	J1200	INJECTION DIPHENHYDRAMINE HCL UP TO 50 MG	PX	HCPCS	Frequent	0.656
DP06	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Frequent	0.654
DP06	5A1935Z	RESPIRATORY VENTILATION < 24 CONSECUTIVE HOURS	PX	10	Any	0.651
DP06	K63	OTHER DISEASES OF INTESTINE	DX	10	Frequent	0.648
DP06	R13	APHAGIA AND DYSPHAGIA	DX	10	Often	0.646
DP06	C787	IBS Agent - Sodium-Hydrogen Exchanger 3 (NHE3) Inhibitor	RX	CLASS	Frequent	0.645
DP06	C914	Multivitamin and Mineral Combinations / Vitamins - Oil Soluble	RX	CLASS	Frequent	0.642
DP06	74177	CT ABDOMEN & PELVIS W/CONTRAST MATERIAL	PX	CPT	Frequent	0.640
DP06	74018	RADIOLOGIC EXAM ABDOMEN 1 VIEW	PX	CPT	Often	0.639
DP06	0SG1071	FUSION 2/MORE LV JNT AUTO TISS POST APPR PC OPEN	PX	10	Any	0.629

[1]The hdPS exposure model demonstrated quasi-complete separation with convergence instability. As a result, rankings of covariates by exposure association were not considered reliable and are not shown. This did not affect primary effect estimation. The affected data partner was excluded from aggregated sensitivity analyses to evaluate potential impact on pooled results.

Appendix I. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Prucalopride After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP01	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Frequent	3.397
DP01	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Often	3.382
DP01	3E0G8GC	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Any	3.030
DP01	3E0436Z	INTRO OTH TX SUBSTANCE UGI NAT/ART OPENING ENDO	PX	10	Frequent	3.030
DP01	0DB28ZX	EXCISION MID ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	2.912
DP01	0DH67UZ	INSERTION FEED DEVICE STOMACH NAT/ART OPENING	PX	10	Any	2.912
DP01	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Any	2.686
DP01	0DHA3UZ	INSERTION FEEDING DEVICE JEJUNUM PERQ APPROACH	PX	10	Any	2.299
DP01	0BJ08ZZ	INSPECT TRACHEOBRONCH TREE NAT/ART OPENING ENDO	PX	10	Any	2.219
DP01	0DH63UZ	INSERTION FEEDING DEVICE STOMACH PERQ APPROACH	PX	10	Any	2.219
DP01	3E0336Z	INTRODUCTION NUTRITION SUBSTANCE PERIPH VN PERQ	PX	10	Any	2.154
DP01	0DBB0ZZ	EXCISION OF ILEUM OPEN APPROACH	PX	10	Any	2.085
DP01	0DB98ZX	EXCISION DUODENUM VIA NAT/ART OPENING ENDO DX	PX	10	Any	1.981
DP01	3E0436Z	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Any	1.977
DP01	0DB38ZX	EXCISION LOWER ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	1.862
DP01	B211YZZ	FLUORO MULTIPLE CORONARY ARTERIES OTHER CONTRAST	PX	10	Any	1.813
DP01	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Frequent	1.728
DP01	0DBM8ZX	EXCISION DESCEND COLON NAT OR ART OPEN ENDO DX	PX	10	Any	1.680
DP01	0KQM0ZZ	REPAIR PERINEUM MUSCLE OPEN APPROACH	PX	10	Any	1.653
DP01	5A1221Z	PERFORMANCE OF CARDIAC OUTPUT CONTINUOUS	PX	10	Any	1.653
DP01	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Frequent	1.597
DP01	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Any	1.586
DP01	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Frequent	1.581
DP01	0D9670Z	DRAINAGE STOMACH DRAINAGE DEVICE NAT/ART OPENING	PX	10	Any	1.580
DP01	0DB78ZX	EXCISION STOMACH PYLORUS NAT/ART OPENING ENDO DX	PX	10	Any	1.570
DP01	A9541	TECHNETIUM TC-99M SULFUR COLLOID DX UP TO 20 MCI	PX	HCPCS	Any	1.535
DP01	02PYX3Z	REMOVAL INFUSION DEVICE GREAT VESSEL EXT APPRCH	PX	10	Any	1.525

Appendix I. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Prucalopride After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP01	0DBB8ZX	EXCISION ILEUM VIA NATURAL/ARTFICL OPEN ENDO DX	PX	10	Any	1.525
DP01	0DNW4ZZ	RELEASE PERITONEUM PERQ ENDOSCOPIC APPROACH	PX	10	Any	1.525
DP01	3E0H76Z	INTRO NUTRITION SUBSTANCE LOW GI NAT/ART OPENING	PX	10	Any	1.525
DP01	0DB68ZX	EXCISION STOMACH VIA NATURAL/ART OPENING ENDO DX	PX	10	Any	1.508
DP01	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Frequent	1.497
DP01	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Any	1.479
DP01	0JH63XZ	INSERT TUNNELED VASC ACSS DVC CHEST SQ TIS&FS PC	PX	10	Any	1.451
DP01	0DBL8ZX	EXCISION TRANSVERSE COLON NAT/ART OPNG ENDO DX	PX	10	Any	1.420
DP01	0DBP8ZX	EXCISION RECTUM VIA NAT OR ART OPENING ENDO DX	PX	10	Any	1.420
DP01	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Often	1.409
DP01	0SRC0J9	REPLACE RT KNEE JOINT SYNTH SUBST CEMENTED OPEN	PX	10	Any	1.365
DP01	0SRD0J9	REPLACE LT KNEE JOINT SYNTH SUBST CEMENTED OPEN	PX	10	Any	1.365
DP01	0DB64Z3	EXCISION STOMACH PERQ ENDO APPROACH VERTICAL	PX	10	Any	1.288
DP01	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Any	1.241
DP01	0DBN8ZX	EXCISION SIGMOID COLON NAT/ART OPEN ENDO DX	PX	10	Any	1.238
DP01	0DJ08ZZ	INSPECTION UP INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.238
DP01	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Often	1.186
DP01	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Frequent	1.120
DP01	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Any	1.112
DP01	R14	RESECTION APPENDIX PERQ ENDOSCOPIC APPROACH	DX	10	Frequent	1.084
DP01	0DTJ4ZZ	FLATULENCE AND RELATED CONDITIONS	PX	10	Any	1.084
DP01	0F798DZ	DILATION COMN BILE DUCT INT DEVC NAT/ART OP ENDO	PX	10	Any	1.055
DP01	0HQ9XZZ	REPAIR PERINEUM SKIN EXTERNAL APPROACH	PX	10	Any	1.055
DP01	C162	Antidepressant - Monamine Oxidase (MAO) Inhibitors	RX	CLASS	Frequent	1.052
DP01	05HY33Z	INSERTION INFUS DEVICE INTO UPPER VN PERQ APPRCH	PX	10	Any	1.033
DP01	J2550	INJECTION MIDAZOLAM HCL PER 1 MG	PX	HCPCS	Frequent	1.020
DP01	01N10ZZ	RELEASE CERVICAL NERVE OPEN APPROACH	PX	10	Any	1.015
DP01	3E0T3BZ	INTRODUCTION ANESTH AGT PERIPHERAL NRV&PLEXI PC	PX	10	Any	1.015
DP01	J3475	INJECTION MAGNESIUM SULPHATE PER 500 MG	PX	HCPCS	Frequent	1.011
DP01	8E0ZXY6	ISOLATION	PX	10	Any	0.986
DP01	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Frequent	0.985
DP01	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Any	0.969
DP01	C162	Antidepressant - Monamine Oxidase (MAO) Inhibitors	RX	CLASS	Often	0.969

Appendix I. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Prucalopride After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP01	R11	NAUSEA AND VOMITING	DX	10	Frequent	0.965
DP01	0DV44ZZ	RESTRICTION ESOPHAGOGASTRIC JUNCTION PERQ ENDO	PX	10	Any	0.950
DP01	0DB58ZX	EXCISION ESOPHAGUS NATRL ARTFICL OPENING ENDO DX	PX	10	Any	0.912
DP01	C90	Anti-Obesity - Melanocortin 4 (MC4) Receptor Agonist	RX	CLASS	Often	0.886
DP01	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Frequent	0.867
DP01	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Frequent	0.853
DP01	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Often	0.852
DP01	D04_INT_ALL_Q4		PX	10	Q4ServiceInt	0.848
DP01	R13	APHAGIA AND DYSPHAGIA	DX	10	Frequent	0.844
DP01	C90	Anti-Obesity - Melanocortin 4 (MC4) Receptor Agonist	RX	CLASS	Any	0.842
DP01	009U3ZX	DRAINAGE SPINAL CANAL PERCUTANEOUS APPROACH DX	PX	10	Any	0.832
DP01	0D1B4Z4	BYPASS ILEUM CUTANEOUS PERQ ENDOSCOPIC APPROACH	PX	10	Any	0.832
DP01	0DBK8ZX	EXCISION ASCENDING COLON NAT/ART OP ENDO DX	PX	10	Any	0.832
DP01	0DJD8ZZ	INSPECTION LOW INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	0.832
DP01	0SB40ZZ	EXCISION OF LUMBOSACRAL DISC OPEN APPROACH	PX	10	Any	0.832
DP01	0SG00A0	FUSION LV JOINT IF DEVC ANT APPR ANT COLM OPEN	PX	10	Any	0.832
DP01	0W9G3ZZ	DRAINAGE PERITONEAL CAVITY PERCUTANEOUS	PX	10	Any	0.832
DP01	B548ZZA	RESPIRATORY VENTILATION 24-96 CONSECUTIVE HOURS	PX	10	Any	0.832
DP01	5A1945Z	ULTRASONOGRAPHY OF SUPERIOR VENA CAVA GUIDANCE	PX	10	Frequent	0.832
DP01	D04_INT_UNIQ_Q4		PX	10	Q4ServiceInt	0.832
DP01	C162	Antidepressant - Monamine Oxidase (MAO) Inhibitors	RX	CLASS	Any	0.832
DP01	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Often	0.815
DP01	U0004	2019-NCOV CORONAVIRUS SARS-COV-2/COVID-19 ANY T	PX	HCPCS	Frequent	0.809
DP01	731	ANESTHESIA UPPER GI ENDOSCOPIC PX NOS	PX	CPT	Frequent	0.792
DP01	02HV33Z	INSERTION INFUSION DEVC SUPERIOR VENA CAVA PERQ	PX	10	Any	0.781
DP01	B24BZZ4	ULTRASONOGRAPHY HEART WITH AORTA TRANSESOPHAGEAL	PX	10	Any	0.777
DP01	J0897	INJECTION DENOSUMAB 1 MG	PX	HCPCS	Often	0.770
DP01	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Frequent	0.758
DP01	K22	OTHER DISEASES OF ESOPHAGUS	DX	10	Frequent	0.755
DP01	C90	Anti-Obesity - Melanocortin 4 (MC4) Receptor Agonist	RX	CLASS	Frequent	0.751
DP01	J1650	INJECTION ENOXAPARIN SODIUM 10 MG	PX	HCPCS	Frequent	0.750
DP01	G0299	DIRECT SNS RN HOME HEALTH/HOSPICE SET EA 15 MIN	PX	HCPCS	Frequent	0.735
DP01	99205	OFFICE/OUTPATIENT NEW HIGH MDM 60 MINUTES	PX	CPT	Any	0.724

Appendix I. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Prucalopride After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP01	C219	Antihistamines - 1st Generation / Sedative-Hypnotic - Non-Barbiturates	RX	CLASS	Frequent	0.721
DP01	J1200	INJECTION DIPHENHYDRAMINE HCL UP TO 50 MG	PX	HCPCS	Frequent	0.720
DP01	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Often	0.715
DP01	10D00Z1	EXTRACTION PRODUCTS OF CONCEPTION LOW OPEN	PX	10	Any	0.708
DP01	J0897	INJECTION DENOSUMAB 1 MG	PX	HCPCS	Any	0.703
DP01	J2060	INJECTION LORAZEPAM 2 MG	PX	HCPCS	Any	0.665
DP01	E87	OTH D/O OF FLUID ELECTROLYTE & ACID-BASE BALANCE	DX	10	Frequent	0.664
DP02	0DB68ZZ	EXCISION STOMACH VIA NATRL/ARTFICL OPENING ENDO	PX	10	Any	1.877
DP02	0DJD8ZZ	INSPECTION LOW INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.734
DP02	0DB58ZX	EXCISION ESOPHAGUS NATRL ARTFICL OPENING ENDO DX	PX	10	Any	1.695
DP02	3E0T3BZ	INTRODUCTION ANESTH AGT PERIPHERAL NRV&PLEXI PC	PX	10	Any	1.695
DP02	4A11X4G	MONITOR PERIPH NERVOUS ELECTRIC ACT INTRAOP EXT	PX	10	Any	1.619
DP02	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Frequent	1.611
DP02	0DBN8ZX	EXCISION SIGMOID COLON NAT/ART OPEN ENDO DX	PX	10	Any	1.472
DP02	0DJ08ZZ	INSPECTION UP INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.472
DP02	J2550	INJECTION MIDAZOLAM HCL PER 1 MG	PX	HCPCS	Frequent	1.440
DP02	A9541	TECHNETIUM TC-99M SULFUR COLLOID DX UP TO 20 MCI	PX	HCPCS	Any	1.398
DP02	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Often	1.213
DP02	03HY32Z	INSERTION MONITOR DEVICE UPPER ARTERY PERQ APPR	PX	10	Any	1.184
DP02	0D9670Z	DRAINAGE STOMACH DRAINAGE DEVICE NAT/ART OPENING	PX	10	Any	1.184
DP02	0DHA3UZ	INSERTION FEEDING DEVICE JEJUNUM PERQ APPROACH	PX	10	Any	1.184
DP02	3E0333Z	INTRODUCTION ANTI-INFLAMMATORY PERIPH VEIN PERQ	PX	10	Any	1.184
DP02	B24BZZ4	ULTRASONOGRAPHY HEART WITH AORTA TRANSESOPHAGEAL	PX	10	Any	1.184
DP02	R11	NAUSEA AND VOMITING	DX	10	Frequent	1.129
DP02	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Any	1.118
DP02	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Often	1.114
DP02	B246ZZ4	ULTRASONOGRAPHY RIGHT & LT HEART TRANSESOPHAGEAL	PX	10	Any	1.066
DP02	0DB68ZX	EXCISION STOMACH VIA NATURAL/ART OPENING ENDO DX	PX	10	Any	1.041
DP02	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Frequent	1.033
DP02	0SB20ZZ	EXCISION OF LUMBAR VERTEBRAL DISC OPEN APPROACH	PX	10	Any	1.013
DP02	0SRD0J9	REPLACE LT KNEE JOINT SYNTH SUBST CEMENTED OPEN	PX	10	Any	1.013
DP02	R13	APHAGIA AND DYSPHAGIA	DX	10	Frequent	0.973

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP02	0DB78ZX	EXCISION STOMACH PYLORUS NAT/ART OPENING ENDO DX	PX	10	Any	0.961
DP02	731	ANESTHESIA UPPER GI ENDOSCOPIC PX NOS	PX	CPT	Frequent	0.952
DP02	J1200	INJECTION DIPHENHYDRAMINE HCL UP TO 50 MG	PX	HCPCS	Frequent	0.946
DP02	C899	Mouth and Throat - Local Anesthetic Mixtures	RX	CLASS	Frequent	0.924
DP02	J7050	INFUSION NORMAL SALINE SOLUTION 250 CC	PX	HCPCS	Frequent	0.920
DP02	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Any	0.914
DP02	74018	RADIOLOGIC EXAM ABDOMEN 1 VIEW	PX	CPT	Frequent	0.867
DP02	0FT44ZZ	RESECTION GALLBLADDER PERQ ENDOSCOPIC APPROACH	PX	10	Any	0.831
DP02	0RRJ00Z	REPLC RT SHOULDER JNT RVS BALL SOC SYNTH SUB OPN	PX	10	Any	0.831
DP02	0SG30A0	FUSION LUMBSACRL JNT IF ANT APPR ANT COLUMN OPEN	PX	10	Any	0.831
DP02	J2765	INJECTION METOCLOPRAMIDE HCL UP TO 10 MG	PX	HCPCS	Any	0.825
DP02	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Frequent	0.813
DP02	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Frequent	0.813
DP02	021009W	RELEASE LUMBAR SPINAL CORD OPEN APPROACH	PX	10	Any	0.779
DP02	02583ZZ	RELEASE CERVICAL NERVE OPEN APPROACH	PX	10	Any	0.779
DP02	02C03ZZ	BYPASS COR ART 1 ART AORTA AUTO VEN TISS OPEN	PX	10	Any	0.779
DP02	05HY33Z	DESTRUCTION CONDUCTION MECHANISM PERQ APPROACH	PX	10	Any	0.779
DP02	0D164ZA	EXTIRPATION MATTER CORONARY ARTERY 1 ARTERY PERQ	PX	10	Any	0.779
DP02	0D758ZZ	INSERTION INFUS DEVICE INTO UPPER VN PERQ APPRCH	PX	10	Any	0.779
DP02	0DB38ZX	BYPASS STOMACH TO JEJUNUM PERQ ENDO APPROACH	PX	10	Any	0.779
DP02	0DBA4ZZ	DILATION ESOPHAGUS NATURAL/ARTFICL OPENING ENDO	PX	10	Any	0.779
DP02	0DBK8ZX	EXCISION LOWER ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	0.779
DP02	0JH606Z	EXCISION OF JEJUNUM PERQ ENDOSCOPIC APPROACH	PX	10	Any	0.779
DP02	0PS43ZZ	EXCISION ASCENDING COLON NAT/ART OP ENDO DX	PX	10	Any	0.779
DP02	0PU43JZ	EXCISION TRANSVERSE COLON NAT/ART OPNG ENDO DX	PX	10	Any	0.779
DP02	0SG1071	INSERT PM DUAL CHAMB CHEST SUBQ TISS FASCIA OPEN	PX	10	Any	0.779
DP02	00NY0ZZ	REPOSITION THORACIC VERTEBRA PERCUTANEOUS	PX	10	Frequent	0.779
DP02	01N10ZZ	SUPPLEMENT THORACIC VERTEBRA SYNTH SUBST PERQ	PX	10	Frequent	0.779
DP02	5A1D70Z	FUSION 2/MORE LV JNT AUTO TISS POST APPR PC OPEN	PX	10	Frequent	0.779
DP02	0DBL8ZX	MEASUREMENT ART FLOW INTRACRANIAL EXTERNAL	PX	10	Any	0.779
DP02	4A03X5D	PERFORMANCE URINARY FILTRAT INTERMITTNT<6 HR/DAY	PX	10	Any	0.779
DP02	J7120	RINGERS LACTATE INFUSION UP TO 1000 CC	PX	HCPCS	Frequent	0.779
DP02	K22	OTHER DISEASES OF ESOPHAGUS	DX	10	Frequent	0.766

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP02	J2270	INJECTION MORPHINE SULFATE UP TO 10 MG	PX	HCPCS	Frequent	0.751
DP02	G0378	HOSPITAL OBSERVATION SERVICE PER HOUR	PX	HCPCS	Frequent	0.749
DP02	83605	ASSAY OF LACTATE	PX	CPT	Frequent	0.745
DP02	J1170	INJECTION HYDROMORPHONE UP TO 4 MG	PX	HCPCS	Frequent	0.739
DP02	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Often	0.733
DP02	R11	NAUSEA AND VOMITING	DX	10	Often	0.732
DP02	96361	IV INFUSION HYDRATION EACH ADDITIONAL HOUR	PX	CPT	Frequent	0.721
DP02	C208	Antiemetic - Substance P-Neurokinin 1 (NK1) Receptor Antagonists	RX	CLASS	Frequent	0.716
DP02	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Any	0.715
DP02	99239	HOSPITAL IP/OBS DISCHARGE DAY MGMT > 30 MIN	PX	CPT	Frequent	0.710
DP02	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Frequent	0.696
DP02	J7050	INFUSION NORMAL SALINE SOLUTION 250 CC	PX	HCPCS	Any	0.692
DP02	027034Z	DILATION CA 1 ARTERY RX-ELUT INTRALUM DEVC PERQ	PX	10	Any	0.688
DP02	96365	IV INFUSION THERAPY/PROPHYLAXIS /DX 1ST TO 1 HR	PX	CPT	Frequent	0.684
DP02	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Frequent	0.679
DP02	R19	OTH SX & SIGNS INVLV THE DIGESTIVE SYSTEM & ABD	DX	10	Frequent	0.672
DP02	C1056	Pharmaceutical Adjuvant - Capsule Excipients	RX	CLASS	Frequent	0.656
DP02	C219	Antihistamines - 1st Generation / Sedative-Hypnotic - Non-Barbiturates	RX	CLASS	Often	0.645
DP02	R13	APHAGIA AND DYSPHAGIA	DX	10	Often	0.635
DP02	88342	IMHCHEM/IMCYTCHM 1ST SINGLE ANTB STAIN PROCEDURE	PX	CPT	Frequent	0.626
DP02	731	ANESTHESIA UPPER GI ENDOSCOPIC PX NOS	PX	CPT	Any	0.626
DP02	96375	THERAPEUTIC INJECTION IV PUSH EACH NEW DRUG	PX	CPT	Frequent	0.622
DP02	J3010	INJECTION FENTANYL CITRATE 0.1 MG	PX	HCPCS	Frequent	0.622
DP02	J7030	INFUSION NORMAL SALINE SOLUTION 1000 CC	PX	HCPCS	Frequent	0.619
DP02	J45	ASTHMA	DX	10	Frequent	0.617
DP02	83690	ASSAY OF LIPASE	PX	CPT	Frequent	0.613
DP02	C914	Multivitamin and Mineral Combinations / Vitamins - Oil Soluble	RX	CLASS	Often	0.610
DP02	01NR0ZZ	RELEASE SACRAL NERVE OPEN APPROACH	PX	10	Any	0.608
DP02	0DH63UZ	INSERTION FEEDING DEVICE STOMACH PERQ APPROACH	PX	10	Any	0.608
DP02	0RT30ZZ	RESECTION CERVICAL VERTEBRAL DISC OPEN APPROACH	PX	10	Any	0.608
DP02	0SG3071	FUS LUMBOSACRAL JNT AUTO TISS APPR POST PC OPEN	PX	10	Any	0.608
DP02	0ST20ZZ	RESECTION OF LUMBAR VERTEBRAL DISC OPEN APPROACH	PX	10	Any	0.608

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP02	3E0U0GB	INTRO RECOMB BONE MORPHOGENETIC PROTEIN JNT OPEN	PX	10	Any	0.608
DP02	4A023N8	MEASUREMENT CARDIAC SAMPLING PRESSURE BILAT PERQ	PX	10	Any	0.608
DP02	B240ZZ3	ULTRASONOGRAPHY SINGLE CORONARY ARTERY IV	PX	10	Any	0.608
DP02	C1027	Otic (Ear) - Antibacterial	RX	CLASS	Frequent	0.608
DP02	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Often	0.603
DP02	96374	THER PROPH/DX NJX IV PUSH SINGLE/1ST SBST/DRUG	PX	CPT	Frequent	0.597
DP02	C208	Antiemetic - Substance P-Neurokinin 1 (NK1) Receptor Antagonists	RX	CLASS	Often	0.591
DP02	82962	GLUC BLD GLUC MNTR DEV CLEARED FDA SPEC HOME USE	PX	CPT	Frequent	0.589
DP02	G0463	HOSPITAL OUTPATIENT CLIN VISIT ASSESS & MGMT PT	PX	HCPCS	Frequent	0.589
DP02	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Often	0.581
DP03	N/A[1]		N/A	N/A	N/A	N/A
DP04	0D2DXUZ	CHANGE FEEDING DEVICE LOWER INTESTINAL TRACT EXT	PX	10	Any	4.083
DP04	0DHA3UZ	INSERTION FEEDING DEVICE JEJUNUM PERQ APPROACH	PX	10	Any	3.390
DP04	3E0436Z	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Any	2.830
DP04	3E0G8GC	INTRO OTH TX SUBSTANCE UGI NAT/ART OPENING ENDO	PX	10	Any	2.802
DP04	E1165	TYPE 2 DIABETES MELLITUS WITH HYPERGLYCEMIA	DX	10	Frequent	2.802
DP04	0D20XUZ	CHANGE FEEDING DEVICE UPPER INTESTINAL TRACT EXT	PX	10	Any	2.579
DP04	3E0H76Z	INTRO NUTRITION SUBSTANCE LOW GI NAT/ART OPENING	PX	10	Any	2.579
DP04	E108	TYPE 1 DIABETES MELLITUS W/UNSPEC COMPLICATIONS	DX	10	Any	2.579
DP04	E1143	TYPE 2 DM W/DIABETIC AUTONOMIC POLYNEUROPATHY	DX	10	Any	2.579
DP04	0DH63UZ	INSERTION FEEDING DEVICE STOMACH PERQ APPROACH	PX	10	Any	2.445
DP04	0DB28ZX	EXCISION MID ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	2.291
DP04	0JH63XZ	INSERT TUNNELED VASC ACSS DVC CHEST SQ TIS&FS PC	PX	10	Any	2.291
DP04	3E0436Z	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Frequent	2.291
DP04	3E0336Z	INTRODUCTION NUTRITION SUBSTANCE PERIPH VN PERQ	PX	10	Any	2.204
DP04	0DHA4UZ	INSERTION FEED DEVICE JEJUNUM PERQ ENDO APPRCH	PX	10	Any	2.173
DP04	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Any	2.086
DP04	0WQF0ZZ	REPAIR ABDOMINAL WALL OPEN	PX	10	Any	2.040
DP04	0DB38ZX	EXCISION LOWER ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	1.955
DP04	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Frequent	1.941
DP04	0DB58ZX	EXCISION ESOPHAGUS NATRL ARTFICL OPENING ENDO DX	PX	10	Any	1.927
DP04	E1065	TYPE 1 DIABETES MELLITUS WITH HYPERGLYCEMIA	DX	10	Any	1.886
DP04	E1065	TYPE 1 DIABETES MELLITUS WITH HYPERGLYCEMIA	DX	10	Often	1.886

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP04	E108	TYPE 1 DIABETES MELLITUS W/UNSPEC COMPLICATIONS	DX	10	Often	1.886
DP04	05HB33Z	INSERTION INFUSION DEVICE RT BASILIC VEIN PERQ	PX	10	Any	1.886
DP04	0DBB8ZX	EXCISION ILEUM VIA NATURAL/ARTFICL OPEN ENDO DX	PX	10	Any	1.886
DP04	3E013GC	INTRODUCTION OTH THERAP SUBSTANCE SUBQ TISS PERQ	PX	10	Frequent	1.886
DP04	E109	TYPE 1 DIABETES MELLITUS WITHOUT COMPLICATIONS	DX	10	Any	1.886
DP04	E872	ACIDOSIS	DX	10	Any	1.886
DP04	E8881	METABOLIC SYNDROME OTH INSULIN RESISTANCE	DX	10	Any	1.886
DP04	02H633Z	INSERTION INFUSION DEVICE INTO RT ATRIUM PERQ	PX	10	Any	1.821
DP04	0UT90ZZ	RESECTION UTERUS OPEN	PX	10	Any	1.752
DP04	0DBP8ZX	EXCISION RECTUM VIA NAT OR ART OPENING ENDO DX	PX	10	Any	1.598
DP04	0D9670Z	DRAINAGE STOMACH DRAINAGE DEVICE NAT/ART OPENING	PX	10	Any	1.549
DP04	0DB78ZX	EXCISION STOMACH PYLORUS NAT/ART OPENING ENDO DX	PX	10	Any	1.521
DP04	A9541	TECHNETIUM TC-99M SULFUR COLLOID DX UP TO 20 MCI	PX	HCPCS	Any	1.517
DP04	0DB98ZX	EXCISION DUODENUM VIA NAT/ART OPENING ENDO DX	PX	10	Any	1.508
DP04	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Often	1.449
DP04	0KQM0ZZ	REPAIR PERINEUM MUSCLE OPEN APPROACH	PX	10	Any	1.446
DP04	3E033XZ	INTRODUCTION VASOPRESSOR PERIPHERAL VEIN PERQ	PX	10	Any	1.375
DP04	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Frequent	1.329
DP04	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Often	1.325
DP04	10E0XZZ	DELIVERY PRODUCTS OF CONCEPTION EXTERNAL	PX	10	Any	1.313
DP04	GZ3ZZZZ	MEDICATION MANAGEMENT	PX	10	Any	1.292
DP04	0DB68ZX	EXCISION STOMACH VIA NATURAL/ART OPENING ENDO DX	PX	10	Any	1.258
DP04	C9803	H O/P CLI SPEC CLCT SARS-COV-2 COVID-19 ANY SRC	PX	HCPCS	Frequent	1.227
DP04	B24BZZ4	ULTRASONOGRAPHY HEART WITH AORTA TRANSESOPHAGEAL	PX	10	Any	1.205
DP04	E1042	TYPE 1 DIABETES MELLITUS W/DIAB POLYNEUROPATHY	DX	10	Any	1.193
DP04	E1065	TYPE 1 DIABETES MELLITUS WITH HYPERGLYCEMIA	DX	10	Frequent	1.193
DP04	E108	TYPE 1 DIABETES MELLITUS W/UNSPEC COMPLICATIONS	DX	10	Frequent	1.193
DP04	E1122	TYPE 2 DIABETES MELLITUS W/DIAB CHRON KIDNEY DZ	DX	10	Often	1.193
DP04	E1142	TYPE 2 DIABETES MELLITUS W/DIAB POLYNEUROPATHY	DX	10	Any	1.193
DP04	E1143	TYPE 2 DM W/DIABETIC AUTONOMIC POLYNEUROPATHY	DX	10	Frequent	1.193
DP04	E782	MIXED HYPERLIPIDEMIA	DX	10	Frequent	1.193
DP04	E8342	HYPOMAGNESEMIA	DX	10	Frequent	1.193
DP04	E8351	HYPOCALCEMIA	DX	10	Frequent	1.193

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP04	E8352	HYPERCALCEMIA	DX	10	Any	1.193
DP04	E8352	HYPERCALCEMIA	DX	10	Frequent	1.193
DP04	E8352	HYPERCALCEMIA	DX	10	Often	1.193
DP04	E871	HYPO-OSMOLALITY AND HYPONATREMIA	DX	10	Any	1.193
DP04	E873	ALKALOSIS	DX	10	Any	1.193
DP04	05HC33Z	INSERTION INFUSION DEVICE LT BASILIC VEIN PERQ	PX	10	Any	1.193
DP04	0DBE8ZX	EXCISION OF LARGE INTESTINE NAT/ART OPEN ENDO DX	PX	10	Any	1.193
DP04	E875	HYPERKALEMIA	DX	10	Any	1.193
DP04	E876	HYPOKALEMIA	DX	10	Frequent	1.193
DP04	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Any	1.158
DP04	R11	NAUSEA AND VOMITING	DX	10	Frequent	1.143
DP04	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Frequent	1.141
DP04	02HV33Z	INSERTION INFUSION DEVC SUPERIOR VENA CAVA PERQ	PX	10	Any	1.137
DP04	0DJ08ZZ	INSPECTION UP INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.137
DP04	0DTJ4ZZ	RESECTION APPENDIX PERQ ENDOSCOPIC APPROACH	PX	10	Any	1.110
DP04	3E03329	INTRODUCTION OTH ANTI-INFECTIVE PERIPH VEIN PERQ	PX	10	Frequent	1.110
DP04	D01_INT_ALL_Q1		DX	10	Q1ServiceInt	1.093
DP04	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Any	1.093
DP04	05HY33Z	INSERTION INFUS DEVICE INTO UPPER VN PERQ APPRCH	PX	10	Any	1.087
DP04	74018	RADIOLOGIC EXAM ABDOMEN 1 VIEW	PX	CPT	Frequent	1.061
DP04	0DBN8ZX	EXCISION SIGMOID COLON NAT/ART OPEN ENDO DX	PX	10	Any	1.059
DP04	C1141	Sickle Hemoglobin (HbS) Polymerization Inhibitor	RX	CLASS	Often	1.051
DP04	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Any	1.022
DP04	C1141	Sickle Hemoglobin (HbS) Polymerization Inhibitor	RX	CLASS	Frequent	1.008
DP04	U0002	2019-NCOV CORONAVIRUS SARS-COV-2/2019-NCOV	PX	HCPCS	Frequent	1.003
DP04	5A1935Z	RESPIRATORY VENTILATION < 24 CONSECUTIVE HOURS	PX	10	Any	0.992
DP04	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Any	0.989
DP04	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Often	0.988
DP04	J2550	INJECTION MIDAZOLAM HCL PER 1 MG	PX	HCPCS	Frequent	0.972
DP04	E039	HYPOTHYROIDISM UNSPECIFIED	DX	10	Often	0.970
DP04	0SG3071	FUS LUMBOSACRAL JNT AUTO TISS APPR POST PC OPEN	PX	10	Any	0.970
DP04	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Frequent	0.970
DP04	J2060	INJECTION LORAZEPAM 2 MG	PX	HCPCS	Frequent	0.961

Appendix I. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Prucalopride After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP04	G0444	ANNUAL DEPRESSION SCREENING, 5 TO 15 MINUTES	PX	HCPCS	Any	0.955
DP04	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Frequent	0.949
DP04	R13	APHAGIA AND DYSPHAGIA	DX	10	Frequent	0.932
DP04	J1170	INJECTION HYDROMORPHONE UP TO 4 MG	PX	HCPCS	Frequent	0.915
DP04	E876	HYPOKALEMIA	DX	10	Any	0.905
DP04	99232	SBSQ HOSPITAL IP/OBS CARE MOD MDM 35 MINUTES	PX	CPT	Frequent	0.905
DP04	0DNW0ZZ	RELEASE PERITONEUM OPEN APPROACH	PX	10	Any	0.887
DP04	0SG0071	FUS LV JNT AUTO TISS SUB POST APPR POST COLM OPN	PX	10	Any	0.887
DP04	0SG00AJ	FUSION LV JOINT IF DEVC POST APPR ANT COLM OPEN	PX	10	Any	0.887
DP04	82947	GLUCOSE QUANTITATIVE BLOOD XCPT REAGENT STRIP	PX	CPT	Frequent	0.885
DP04	E860	DEHYDRATION	DX	10	Any	0.883
DP04	4A10X4Z	MONITORING CENTRAL NERVOUS ELECTRICAL ACTIV EXT	PX	10	Any	0.874
DP05	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Frequent	3.819
DP05	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Often	3.372
DP05	C739	Gastrointestinal Prokinetic Agents - D2 Antagonist/5-HT4 Agonists / Gastrointestinal Prokinetic Agents - Dopamine D2 Receptor Antagonist	RX	CLASS	Any	2.986
DP05	05HC33Z	INSERTION INFUSION DEVICE LT BASILIC VEIN PERQ	PX	10	Any	2.516
DP05	0DB58ZX	EXCISION ESOPHAGUS NATRL ARTFICL OPENING ENDO DX	PX	10	Any	2.516
DP05	3E0336Z	INTRODUCTION NUTRITION SUBSTANCE PERIPH VN PERQ	PX	10	Any	2.516
DP05	0DH63UZ	INSERTION FEEDING DEVICE STOMACH PERQ APPROACH	PX	10	Any	2.110
DP05	3E0436Z	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Any	2.005
DP05	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Frequent	2.005
DP05	5A1D70Z	PERFORMANCE URINARY FILTRAT INTERMITTNT<6 HR/DAY	PX	10	Frequent	2.005
DP05	0DBE8ZX	EXCISION OF LARGE INTESTINE NAT/ART OPEN ENDO DX	PX	10	Any	1.823
DP05	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Any	1.823
DP05	A9541	TECHNETIUM TC-99M SULFUR COLLOID DX UP TO 20 MCI	PX	HCPCS	Any	1.782
DP05	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Frequent	1.752
DP05	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Frequent	1.747

Appendix I. Top 100 Codes Ranked by Exposure Association Selected by the High Dimensional Propensity Score Algorithm for Prucalopride After a 90-Day Washout in the Sentinel Distributed Database from April 19, 2019 to August 31, 2025, by Data Partner (DP)

Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP05	5A1945Z	RESPIRATORY VENTILATION 24-96 CONSECUTIVE HOURS	PX	10	Any	1.717
DP05	021109W	BYPASS COR ART 2 ART AORTA AUTO VEN TISSUE OPEN	PX	10	Any	1.599
DP05	0DB38ZX	EXCISION LOWER ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	1.599
DP05	0TJB8ZZ	EXCISION TRANSVERSE COLON NAT OR ART OPNG ENDO	PX	10	Any	1.599
DP05	0DBL8ZZ	INSPECTION BLADDER NATURAL/ARTFICL OPENING ENDO	PX	10	Frequent	1.599
DP05	0DJ08ZZ	INSPECTION UP INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.474
DP05	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Any	1.455
DP05	0DBP8ZX	EXCISION RECTUM VIA NAT OR ART OPENING ENDO DX	PX	10	Any	1.417
DP05	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Frequent	1.305
DP05	0UT70ZZ	RESECTION BILATERAL FALLOPIAN TUBES OPEN	PX	10	Any	1.291
DP05	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Any	1.247
DP05	0BQT4ZZ	REPAIR DIAPHRAGM PERCUTANEOUS ENDOSCOPIC APPR	PX	10	Any	1.243
DP05	0D9670Z	DRAINAGE STOMACH DRAINAGE DEVICE NAT/ART OPENING	PX	10	Any	1.243
DP05	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Often	1.219
DP05	0D164ZA	BYPASS STOMACH TO JEJUNUM PERQ ENDO APPROACH	PX	10	Any	1.194
DP05	0DB28ZX	EXCISION MID ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	1.194
DP05	0DBL8ZX	EXCISION TRANSVERSE COLON NAT/ART OPNG ENDO DX	PX	10	Any	1.194
DP05	0T768DZ	DILAT RT URETER INTRALUM DEVC NAT/ART OPEN ENDO	PX	10	Any	1.194
DP05	4A10X4Z	MONITORING CENTRAL NERVOUS ELECTRICAL ACTIV EXT	PX	10	Any	1.194
DP05	009U3ZX	DRAINAGE SPINAL CANAL PERCUTANEOUS APPROACH DX	PX	10	Any	1.173
DP05	0DB64Z3	EXCISION STOMACH PERQ ENDO APPROACH VERTICAL	PX	10	Any	1.173
DP05	0DBN8ZX	EXCISION SIGMOID COLON NAT/ART OPEN ENDO DX	PX	10	Any	1.173
DP05	0BH17EZ	INSERT ENDOTRACHL AIRWAY TRACHEA NAT/ART OPENING	PX	10	Any	1.129
DP05	0DB98ZX	EXCISION DUODENUM VIA NAT/ART OPENING ENDO DX	PX	10	Any	1.129
DP05	0DTN4ZZ	RESECTION SIGMOID COLON PERQ ENDOSCOPIC APPROACH	PX	10	Any	1.129
DP05	5A1935Z	RESPIRATORY VENTILATION < 24 CONSECUTIVE HOURS	PX	10	Any	1.129
DP05	5A1955Z	RESPIRATORY VENTILATION > 96 CONSECUTIVE HOURS	PX	10	Any	1.129
DP05	02100Z9	BYPASS COR ART 1 ARTERY LT INTERNAL MAMMARY OPEN	PX	10	Any	1.089
DP05	3E033XZ	INSERTION INFUSION DEVC SUPERIOR VENA CAVA PERQ	PX	10	Any	1.060
DP05	02HV33Z	INTRODUCTION VASOPRESSOR PERIPHERAL VEIN PERQ	PX	10	Frequent	1.060
DP05	R11	NAUSEA AND VOMITING	DX	10	Frequent	1.041
DP05	3E0T3BZ	RESECTION UTERUS OPEN	PX	10	Any	1.040
DP05	5A1221Z	INTRODUCTION ANESTH AGT PERIPHERAL NRV&PLEXI PC	PX	10	Any	1.040

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP05	5A1D70Z	PERFORMANCE OF CARDIAC OUTPUT CONTINUOUS	PX	10	Any	1.040
DP05	0UT90ZZ	PERFORMANCE URINARY FILTRAT INTERMITTNT<6 HR/DAY	PX	10	Any	1.040
DP05	0DB78ZX	EXCISION STOMACH PYLORUS NAT/ART OPENING ENDO DX	PX	10	Any	1.024
DP05	0DB68ZX	EXCISION STOMACH VIA NATURAL/ART OPENING ENDO DX	PX	10	Any	1.015
DP05	C1056	Pharmaceutical Adjuvant - Capsule Excipients	RX	CLASS	Frequent	0.996
DP05	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Frequent	0.976
DP05	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Frequent	0.958
DP05	02HV33Z	INSERTION INFUSION DEVC SUPERIOR VENA CAVA PERQ	PX	10	Any	0.947
DP05	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Frequent	0.911
DP05	02H633Z	INSERTION INFUSION DEVICE INTO RT ATRIUM PERQ	PX	10	Any	0.906
DP05	02L73DK	OCCLUSION LT ATRIAL APPENDAGE INTRALUM DEVC PERQ	PX	10	Any	0.906
DP05	0DQP4ZZ	BYPASS STOMACH TO JEJUNUM PERQ ENDO APPROACH	PX	10	Any	0.906
DP05	0JH63XZ	INSERTION FEED DEVICE STOMACH NAT/ART OPENING	PX	10	Any	0.906
DP05	B548ZZA	REPAIR RECTUM PERCUTANEOUS ENDOSCOPIC APPROACH	PX	10	Any	0.906
DP05	0D164ZA	INSERT TUNNELED VASC ACSS DVC CHEST SQ TIS&FS PC	PX	10	Frequent	0.906
DP05	0DH67UZ	ULTRASONOGRAPHY OF HEART WITH AORTA	PX	10	Frequent	0.906
DP05	B24BZZZ	ULTRASONOGRAPHY OF SUPERIOR VENA CAVA GUIDANCE	PX	10	Frequent	0.906
DP05	G0463	HOSPITAL OUTPATIENT CLIN VISIT ASSESS & MGMT PT	PX	HCPCS	Frequent	0.900
DP05	00NW0ZZ	RELEASE CERVICAL SPINAL CORD OPEN APPROACH	PX	10	Any	0.885
DP05	0SRC0J9	REPLACE RT KNEE JOINT SYNTH SUBST CEMENTED OPEN	PX	10	Any	0.885
DP05	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Any	0.875
DP05	C208	Antiemetic - Substance P-Neurokinin 1 (NK1) Receptor Antagonists	RX	CLASS	Frequent	0.852
DP05	A0429	AMBULANCE SERVICE BLS EMERGENCY TRANSPORT	PX	HCPCS	Frequent	0.842
DP05	R13	APHAGIA AND DYSPHAGIA	DX	10	Frequent	0.830
DP05	C219	Antihistamines - 1st Generation / Sedative-Hypnotic - Non-Barbiturates	RX	CLASS	Frequent	0.827
DP05	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Often	0.827
DP05	E87	OTH D/O OF FLUID ELECTROLYTE & ACID-BASE BALANCE	DX	10	Frequent	0.824
DP05	74018	RADIOLOGIC EXAM ABDOMEN 1 VIEW	PX	CPT	Frequent	0.823
DP05	99232	SBSQ HOSPITAL IP/OBS CARE MOD MDM 35 MINUTES	PX	CPT	Frequent	0.813
DP05	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Any	0.801
DP05	J1200	INJECTION DIPHENHYDRAMINE HCL UP TO 50 MG	PX	HCPCS	Frequent	0.800
DP05	J1170	INJECTION HYDROMORPHONE UP TO 4 MG	PX	HCPCS	Frequent	0.775

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP05	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Frequent	0.769
DP05	C151	Anticonvulsant - Phenyltriazine Derivatives / Bipolar Therapy Agents - Anticonvulsant Type	RX	CLASS	Frequent	0.762
DP05	Z88	ALLERGY STATUS RX MEDS & BIOLOGICAL SUBSTANCES	DX	10	Frequent	0.761
DP05	D05_INT_ALL_Q4		PX	10	Q4ServiceInt	0.755
DP05	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Often	0.754
DP05	84100	ASSAY OF PHOSPHORUS INORGANIC	PX	CPT	Frequent	0.749
DP05	C162	Antidepressant - Monamine Oxidase (MAO) Inhibitors	RX	CLASS	Any	0.747
DP05	A9270	NONCOVERED ITEM OR SERVICE	PX	HCPCS	Frequent	0.747
DP05	D05_INT_UNIQ_Q2		PX	10	Q2ServiceInt	0.738
DP05	J2765	INJECTION METOCLOPRAMIDE HCL UP TO 10 MG	PX	HCPCS	Any	0.717
DP05	R11	NAUSEA AND VOMITING	DX	10	Often	0.706
DP05	K22	OTHER DISEASES OF ESOPHAGUS	DX	10	Frequent	0.705
DP05	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Often	0.705
DP05	01N10ZZ	RELEASE CERVICAL NERVE OPEN APPROACH	PX	10	Any	0.703
DP05	10D00Z1	EXTRACTION PRODUCTS OF CONCEPTION LOW OPEN	PX	10	Any	0.703
DP05	3E0337Z	INTRODUCTION ELECTROLYTC WATR BAL SBSTNC PV PERQ	PX	10	Any	0.703
DP05	4A023N6	MEASUREMENT CARDIAC SAMPLING PRESS RT HEART PERQ	PX	10	Any	0.703
DP05	99223	1ST HOSPITAL IP/OBS CARE HIGH MDM 75 MINUTES	PX	CPT	Frequent	0.691
DP05	J2704	INJECTION PROPOFOL 10 MG	PX	HCPCS	Frequent	0.691
DP05	C162	Antidepressant - Monamine Oxidase (MAO) Inhibitors	RX	CLASS	Often	0.688
DP06	0D2DXUZ	CHANGE FEEDING DEVICE LOWER INTESTINAL TRACT EXT	PX	10	Any	2.670
DP06	3E0436Z	INTRODUCTION NUTRITION SUBSTANCE CNTRL VEIN PERQ	PX	10	Any	2.462
DP06	0DHA3UZ	INSERTION FEEDING DEVICE JEJUNUM PERQ APPROACH	PX	10	Any	2.270
DP06	3E0336Z	INTRODUCTION NUTRITION SUBSTANCE PERIPH VN PERQ	PX	10	Any	2.227
DP06	3E0G8GC	INTRO OTH TX SUBSTANCE UGI NAT/ART OPENING ENDO	PX	10	Any	1.784
DP06	0D20XUZ	CHANGE FEEDING DEVICE UPPER INTESTINAL TRACT EXT	PX	10	Any	1.764
DP06	0DV44ZZ	RESTRICTION ESOPHAGOGASTRIC JUNCTION PERQ ENDO	PX	10	Any	1.682
DP06	A9541	TECHNETIUM TC-99M SULFUR COLLOID DX UP TO 20 MCI	PX	HCPCS	Any	1.665
DP06	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Frequent	1.660
DP06	0DB38ZX	EXCISION LOWER ESOPHAGUS NAT/ART OPENING ENDO DX	PX	10	Any	1.505
DP06	3E0G76Z	INTRODUCTION NUTRIT SUBSTANC UGI NAT/ART OPENING	PX	10	Any	1.478
DP06	0DB58ZX	EXCISION ESOPHAGUS NATRL ARTFICL OPENING ENDO DX	PX	10	Any	1.445

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP06	0DH63UZ	INSERTION FEEDING DEVICE STOMACH PERQ APPROACH	PX	10	Any	1.383
DP06	0DB98ZX	EXCISION DUODENUM VIA NAT/ART OPENING ENDO DX	PX	10	Any	1.357
DP06	5A0935A	ASSISTANCE RESP VENT < 24 CONS HR H FLW VEL CNLA	PX	10	Any	1.341
DP06	0D9670Z	DRAINAGE STOMACH DRAINAGE DEVICE NAT/ART OPENING	PX	10	Any	1.315
DP06	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Frequent	1.299
DP06	5A1955Z	RESPIRATORY VENTILATION > 96 CONSECUTIVE HOURS	PX	10	Frequent	1.262
DP06	C228	Antihyperlipidemic - PCSK9 Inhibitors	RX	CLASS	Frequent	1.259
DP06	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Frequent	1.236
DP06	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Often	1.231
DP06	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Often	1.230
DP06	C1139	Short Bowel Syndrome (SBS) - glucagon-like peptide-2 (GLP-2) Analog	RX	CLASS	Any	1.213
DP06	0DH67UZ	INSERTION FEED DEVICE STOMACH NAT/ART OPENING	PX	10	Any	1.204
DP06	0BQT4ZZ	REPAIR DIAPHRAGM PERCUTANEOUS ENDOSCOPIC APPR	PX	10	Any	1.160
DP06	C743	Gene Therapy Agents - SMN Protein Deficiency	RX	CLASS	Any	1.138
DP06	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Frequent	1.126
DP06	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Often	1.089
DP06	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Frequent	1.073
DP06	C228	Antihyperlipidemic - PCSK9 Inhibitors	RX	CLASS	Often	1.059
DP06	0D758ZZ	DILATION ESOPHAGUS NATURAL/ARTFICL OPENING ENDO	PX	10	Any	1.028
DP06	0F798DZ	DILATION COMN BILE DUCT INT DEVC NAT/ART OP ENDO	PX	10	Any	1.028
DP06	0DB68ZX	EXCISION STOMACH VIA NATURAL/ART OPENING ENDO DX	PX	10	Any	1.027
DP06	3E033XZ	INTRODUCTION VASOPRESSOR PERIPHERAL VEIN PERQ	PX	10	Any	1.015
DP06	0DJ08ZZ	INSPECTION UP INTEST TRACT NAT/ART OPENING ENDO	PX	10	Any	1.003
DP06	R11	NAUSEA AND VOMITING	DX	10	Frequent	0.992
DP06	731	ANESTHESIA UPPER GI ENDOSCOPIC PX NOS	PX	CPT	Frequent	0.976
DP06	74018	RADIOLOGIC EXAM ABDOMEN 1 VIEW	PX	CPT	Frequent	0.956
DP06	0BJ08ZZ	INSPECT TRACHEOBRONCH TREE NAT/ART OPENING ENDO	PX	10	Any	0.948
DP06	K31	OTHER DISEASES OF STOMACH AND DUODENUM	DX	10	Any	0.939
DP06	3E043XZ	INTRODUCTION VASOPRESSOR CENTRAL VEIN PERQ APPR	PX	10	Any	0.888
DP06	Q3014	TELEHEALTH ORIGINATING SITE FACILITY FEE	PX	HCPCS	Any	0.887
DP06	K22	OTHER DISEASES OF ESOPHAGUS	DX	10	Frequent	0.882
DP06	02HV33Z	INSERTION INFUSION DEVC SUPERIOR VENA CAVA PERQ	PX	10	Any	0.880
DP06	B548ZZA	ULTRASONOGRAPHY OF SUPERIOR VENA CAVA GUIDANCE	PX	10	Any	0.876

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP06	5A1955Z	RESPIRATORY VENTILATION > 96 CONSECUTIVE HOURS	PX	10	Any	0.875
DP06	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Frequent	0.869
DP06	0DB78ZX	EXCISION STOMACH PYLORUS NAT/ART OPENING ENDO DX	PX	10	Any	0.846
DP06	0TJB8ZZ	INSPECTION BLADDER NATURAL/ARTFICL OPENING ENDO	PX	10	Any	0.846
DP06	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Frequent	0.842
DP06	5A1945Z	RESPIRATORY VENTILATION 24-96 CONSECUTIVE HOURS	PX	10	Any	0.833
DP06	R13	APHAGIA AND DYSPHAGIA	DX	10	Frequent	0.818
DP06	J1170	INJECTION HYDROMORPHONE UP TO 4 MG	PX	HCPCS	Frequent	0.794
DP06	C228	Antihyperlipidemic - PCSK9 Inhibitors	RX	CLASS	Any	0.789
DP06	05HB33Z	INSERTION INFUSION DEVICE RT BASILIC VEIN PERQ	PX	10	Any	0.788
DP06	G0179	PHYS/ALLOWED PRAC RE-CERT MCR-COV HHS UND HH POC	PX	HCPCS	Often	0.786
DP06	3E0T3BZ	INTRODUCTION ANESTH AGT PERIPHERAL NRV&PLEXI PC	PX	10	Any	0.782
DP06	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Any	0.774
DP06	R14	FLATULENCE AND RELATED CONDITIONS	DX	10	Often	0.771
DP06	R63	SYMPTOMS & SIGNS CONCERNING FOOD & FLUID INTAKE	DX	10	Frequent	0.768
DP06	G0179	PHYS/ALLOWED PRAC RE-CERT MCR-COV HHS UND HH POC	PX	HCPCS	Any	0.768
DP06	0DN80ZZ	RELEASE / SMALL INTESTINE / OPEN APPROACH	PX	10	Any	0.766
DP06	R11	NAUSEA AND VOMITING	DX	10	Often	0.764
DP06	96361	IV INFUSION HYDRATION EACH ADDITIONAL HOUR	PX	CPT	Frequent	0.756
DP06	C570	Dermatological - Ornithine Decarboxylase (ODC) Inhibitors	RX	CLASS	Frequent	0.752
DP06	C208	Antiemetic - Substance P-Neurokinin 1 (NK1) Receptor Antagonists	RX	CLASS	Frequent	0.750
DP06	J0585	BOTULINUM TOXIN TYPE A PER UNIT	PX	HCPCS	Often	0.750
DP06	02H633Z	INSERTION INFUSION DEVICE INTO RT ATRIUM PERQ	PX	10	Any	0.741
DP06	05HY33Z	INSERTION INFUS DEVICE INTO UPPER VN PERQ APPRCH	PX	10	Any	0.731
DP06	03HY32Z	INSERTION MONITOR DEVICE UPPER ARTERY PERQ APPR	PX	10	Any	0.723
DP06	C219	Antihistamines - 1st Generation / Sedative-Hypnotic - Non-Barbiturates	RX	CLASS	Frequent	0.716
DP06	0JH63XZ	INSERT TUNNELED VASC ACSS DVC CHEST SQ TIS&FS PC	PX	10	Any	0.709
DP06	C1122	Quinolone Antibiotics	RX	CLASS	Frequent	0.705
DP06	05HC33Z	INSERTION INFUSION DEVICE LT BASILIC VEIN PERQ	PX	10	Any	0.701
DP06	731	ANESTHESIA UPPER GI ENDOSCOPIC PX NOS	PX	CPT	Any	0.691
DP06	C914	Multivitamin and Mineral Combinations / Vitamins - Oil Soluble	RX	CLASS	Any	0.687
DP06	K22	OTHER DISEASES OF ESOPHAGUS	DX	10	Often	0.686

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Masked DP ID	Code	Description	Code Category	Code Type	Frequency	Ranking
DP06	00NY0ZZ	RELEASE LUMBAR SPINAL CORD OPEN APPROACH	PX	10	Any	0.684
DP06	J2765	INJECTION METOCLOPRAMIDE HCL UP TO 10 MG	PX	HCPCS	Any	0.683
DP06	C914	Multivitamin and Mineral Combinations / Vitamins - Oil Soluble	RX	CLASS	Often	0.676
DP06	G0463	HOSPITAL OUTPATIENT CLIN VISIT ASSESS & MGMT PT	PX	HCPCS	Frequent	0.671
DP06	C449	Contact Lens Preparation - Oxygen Permeable Lens Products	RX	CLASS	Often	0.669
DP06	0W9B3ZZ	DRAINAGE LEFT PLEURAL CAVITY PERCUTANEOUS	PX	10	Any	0.664
DP06	D04_INT_UNIQ_Q4	ULTRASONOGRAPHY OF RIGHT AND LEFT HEART	PX	10	Q4ServiceInt	0.661
DP06	B246ZZZ		PX	10	Any	0.661
DP06	0DBP8ZX	EXCISION RECTUM VIA NAT OR ART OPENING ENDO DX	PX	10	Any	0.660
DP06	J2704	INJECTION PROPOFOL 10 MG	PX	HCPCS	Frequent	0.660
DP06	D04_INT_ALL_Q4		PX	10	Q4ServiceInt	0.658
DP06	C44	Alzheimer's Disease Therapy - Cholinesterase Inhibitors	RX	CLASS	Frequent	0.657
DP06	C197	Antiemetic - Cannabinoid Type / Appetite Stimulants - Cannabinoids / Cannabis and Cannabinoids	RX	CLASS	Frequent	0.656
DP06	J1200	INJECTION DIPHENHYDRAMINE HCL UP TO 50 MG	PX	HCPCS	Frequent	0.656
DP06	99215	OFFICE/OUTPATIENT ESTABLISHED HIGH MDM 40 MIN	PX	CPT	Frequent	0.654
DP06	5A1935Z	RESPIRATORY VENTILATION < 24 CONSECUTIVE HOURS	PX	10	Any	0.651
DP06	K63	OTHER DISEASES OF INTESTINE	DX	10	Frequent	0.648
DP06	R13	APHAGIA AND DYSPHAGIA	DX	10	Often	0.646
DP06	C787	IBS Agent - Sodium-Hydrogen Exchanger 3 (NHE3) Inhibitor	RX	CLASS	Frequent	0.645
DP06	C914	Multivitamin and Mineral Combinations / Vitamins - Oil Soluble	RX	CLASS	Frequent	0.642
DP06	74177	CT ABDOMEN & PELVIS W/CONTRAST MATERIAL	PX	CPT	Frequent	0.640
DP06	74018	RADIOLOGIC EXAM ABDOMEN 1 VIEW	PX	CPT	Often	0.639
DP06	0SG1071	FUSION 2/MORE LV JNT AUTO TISS POST APPR PC OPEN	PX	10	Any	0.629

[1]The hdPS exposure model demonstrated quasi-complete separation with convergence instability. As a result, rankings of covariates by exposure association were not considered reliable and are not shown. This did not affect primary effect estimation. The affected data partner was excluded from aggregated sensitivity analyses to evaluate potential impact on pooled results.

Appendix J. Calculation of the Test Statistic for Unconditional Bernoulli Probability

The log likelihood ratio (LLR) based test statistic T can be calculated as:

Where: T = unconditional Bernoulli tree-based scan statistic
C_G = cases in the treatment group for a given node G
n_G = cases in the reference group for a given node G
p = probability of being in the treatment group
(for 1:1 matched pairs, this is 0.5)
G = node of interest

$$LLR(G) = ln\left(\frac{\left(\frac{c_G}{c_G + n_G}\right)^{c_G}\left(\frac{n_G}{c_G + n_G}\right)^{n_G}}{(p)^{c_G}(1-p)^{n_G}}\right) I\left(\frac{c_G}{c_G + n_G} > p\right)$$

$$T = \max_G LLR(G)$$

[1]**Expression in blue: This is the maximum likelihood estimation. It takes the form of a Bernoulli probability model. The numerator of the equation is based on the observed data. The denominator of the equation is based on the expectation under the null hypothesis. If the observed data "fit" the pattern of the null hypothesis, then this expression would be 1. The "log" of the function is for mathematical convenience. The ln (1) = 0.**

[2]**Expression in green: This is an indication function. It means that a log-likelihood ratio (LLR) is ONLY recorded if there are more cases in the treatment group (ACEI) than expected. So, a LLR is only calculated among nodes on the tree when the LLR would normally exceed 0 (or the likelihood ratio would exceed 1).**

[3]**Expression in red: The Log Likelihood Ratio is calculated for every position (node) on the tree including each individual diagnosis code and groupings of codes. For any dataset (i.e., across all nodes of the tree), the test statistic for that dataset is the maximum across all the nodes.**

Appendix K. Specifications for PSA Type2 L2 Request ID: cder_sir_wp015

This request executed the Cohort Identification and Descriptive Analysis (CIDA) tool 14.3.1 to perform a signal identification analysis assessing the safety profile of prucalopride and plecanatide in the Sentinel Distributed Database (SDD) using a propensity score analaysis design.

Query Period: April 19, 2019 - August 31, 2025
Coverage Requirement: Medical & Drug Coverage
Pre-index Enrollment Requirement: 400
Post-Index Enrollment Requirement: 0
Post-Episode Requirement for Type 2 Analyses: n/a
Enrollment gap: 45
Age groups: 18-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75+
Sex: M, F
Stratifications: n/a
Censor output categorization:
Envelope macro: *Reclassify encounters during inpatient stay as inpatient; *
Freeze data: M
Drop Censor Output Indicator: Yes

	Comparison 1		Comparison 2		Comparison 3		Comparison 4	
Logic								
Group	prucalopride_90	plecanatide_90	prucalopride_183	plecanatide_183	plecanatide_90	prucalopride_90	plecanatide_183	prucalopride_183
Drug/Exposure								
Index Exposure/Comparator	prucalopride	plecanatide	prucalopride	plecanatide	prucalopride	plecanatide	prucalopride	plecanatide
Cohort Definition	*First valid exposure episodes during query period		*First valid exposure episodes during query period		*First valid exposure episodes during query period		*First valid exposure episodes during query period	
Incidence Exposure washout period	(done with exclusion)		(done with exclusion)		(done with exclusion)		(done with exclusion)	
Exclude evidence of days supply if exposure washout include dispensings	*Washout lookback period should search for evidence of days supply;		*Washout lookback period should search for evidence of days supply;		*Washout lookback period should search for evidence of days supply;		*Washout lookback period should search for evidence of days supply;	
Build Episodes on Point Exposure?	No		No		No		No	
Treatment Episode Gap	14		14		14		14	
Exposure episode extension	14		14		14		14	
Minimum Exposure Episode Duration	1		1		1		1	
Minimum Exposure Episode Days Supplied	1		1		1		1	
Maximum Exposure Episode Duration	183		183		183		183	
Minimum Cumulative Dose of Medication	n/a		n/a		n/a		n/a	
Maximum Cumulative Dose of Medication	n/a		n/a		n/a		n/a	
Incidence Criteria Care Setting and Diagnosis Position Requirements	n/a		n/a		n/a		n/a	

Appendix K. Specifications for PSA Type2 L2 Request ID: cder_sir_wp015

Forced supply to attach to dispensings	n/a	n/a	n/a	n/a
Create Baseline Table?	Yes	Yes	Yes	Yes

	Comparison 1		**Comparison 2**		**Comparison 3**		**Comparison 4**	
Inclusion/Exclusion Criteria								
Inclusion/Exclusion group	prucal_washout	plecan_washout	prucal_washout	plecan_washout	plecan_washout	prucal_washout	plecan_washout	prucal_washout
Type of criteria	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion
Name of Include/Exclude Condition	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, plecanatide, and prucalopride)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, plecanatide, and prucalopride)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, plecanatide, and prucalopride)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, plecanatide, and prucalopride)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, plecanatide, and prucalopride)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, plecanatide, and prucalopride)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, plecanatide, and prucalopride)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, plecanatide, and prucalopride)
Evaluation Period Start	-90	-90	-183	-183	-90	-90	-183	-183
Evaluation Period End	-1	-1	-1	-1	-1	-1	-1	-1
Inclusion/Exclusion Criteria Care Setting and Diagnosis Position Requirements	Any	Any	Any	Any	Any	Any	Any	Any
Exclude evidence of days supply if inclusion/exclusion evaluation period includes dispensings	Evaluation period should search for evidence of days supply	Evaluation period should search for evidence of days supply	Evaluation period should search for evidence of days supply	Evaluation period should search for evidence of days supply	Evaluation period should search for evidence of days supply	Evaluation period should search for evidence of days supply	Evaluation period should search for evidence of days supply	Evaluation period should search for evidence of days supply
Number of instances the criteria should be found in the evaluation period	1	1	1	1	1	1	1	1
Forced supply to attach to dispensings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Inclusion/Exclusion group	prucal_0_washout	plecan_0_washout	prucal_0_washout	plecan_0_washout	plecan_0_washout	prucal_0_washout	plecan_0_washout	prucal_0_washout
Type of criteria	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion
Name of Include/Exclude Condition	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, and plecanatide)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, and prucalopride)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, and plecanatide)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, and prucalopride)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, and prucalopride)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, and plecanatide)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, and prucalopride)	Exposure/Comparator Washout (tegasarod, lubiprostone, linaclotide, and plecanatide)
Evaluation Period Start	0	0	0	0	0	0	0	0
Evaluation Period End	0	0	0	0	0	0	0	0

Appendix K. Specifications for PSA Type2 L2 Request ID: cder_sir_wp015

Inclusion/Exclusion Criteria Care Setting and Diagnosis Position Requirements	Any	Any	Any	Any	Any	Any	Any	Any

	Comparison 1		**Comparison 2**		**Comparison 3**		**Comparison 4**	
Inclusion/Exclusion Criteria								
Number of instances the criteria should be found in the evaluation period	1	1	1	1	1	1	1	1
Forced supply to attach to dispensings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

	Comparison 1	**Comparison 2**	**Comparison 3**	**Comparison 4**
Additional Inclusion/Exclusion Criteria				
Inclusion/Exclusion group	ongoing_preg	ongoing_preg	ongoing_preg	ongoing_preg
Type of criteria	Exclusion	Exclusion	Exclusion	Exclusion
Name of Include/Exclude Condition	Ongoing Pregnancy	Ongoing Pregnancy	Ongoing Pregnancy	Ongoing Pregnancy
Evaluation Period Start	-183	-183	-183	-183
Evaluation Period End	183	183	183	183
Inclusion/Exclusion Criteria Care Setting and Diagnosis Position Requirements	Any	Any	Any	Any
Exclude evidence of days supply if inclusion/exclusion evaluation period includes dispensings	n/a	n/a	n/a	n/a
Number of instances the criteria should be found in the evaluation period	1	1	1	1
Forced supply to attach to dispensings	n/a	n/a	n/a	n/a
Additional Inclusion/Exclusion Criteria				

Appendix K. Specifications for PSA Type2 L2 Request ID: cder_sir_wp015

Inclusion/Exclusion group	Delivery		Delivery		Delivery		Delivery	
Type of criteria	Exclusion		Exclusion		Exclusion		Exclusion	
Name of Include/Exclude Condition	Delivery		Delivery		Delivery		Delivery	
	Comparison 1		**Comparison 2**		**Comparison 3**		**Comparison 4**	
Evaluation Period Start	0		0		0		0	
Evaluation Period End	183		183		183		183	
Care Setting and Diagnosis Position Requirements	Any		Any		Any		Any	
Exclude evidence of days supply if inclusion/exclusion evaluation period includes dispensings	n/a		n/a		n/a		n/a	
Number of instances the criteria should be found in the evaluation period	1		1		1		1	
Forced supply to attach to dispensings	n/a		n/a		n/a		n/a	
At Risk Time								
End At-Risk Period at Evidence of	*Death; *DP end date; *Query end date; *Disenrollment *Occurrence of treatment crossover (tegasarod, lubiprostone, linaclotide, and plecanatide)	*Death; *DP end date; *Query end date; *Disenrollment *Occurrence of treatment crossover (tegasarod, lubiprostone, linaclotide, and plucalopride)	*Death; *DP end date; *Query end date; *Disenrollment *Occurrence of treatment crossover (tegasarod, lubiprostone, linaclotide, and plecanatide)	*Death; *DP end date; *Query end date; *Disenrollment *Occurrence of treatment crossover (tegasarod, lubiprostone, linaclotide, and plucalopride)	*Death; *DP end date; *Query end date; *Occurence of an event *Occurrence of treatment crossover	*Death; *DP end date; *Query end date; *Occurence of an event *Occurrence of treatment crossover	*Death; *DP end date; *Query end date; *Occurence of an event *Occurrence of treatment crossover	*Death; *DP end date; *Query end date; *Occurence of an event *Occurrence of treatment crossover
Blackout Period	n/a		n/a		n/a		n/a	
Risk window interval start	1		1		1		1	
	Comparison 1		**Comparison 2**		**Comparison 3**		**Comparison 4**	
Propensity Score Model Parameters								
PS Model Label	prucal_standard_90	prucal_hdps_90	prucal_standard_183	prucal_hdps_183	plecan_standard_90	plecan_hdps_90	plecan_standard_183	plecan_hdps_183
Categorical Variables to Include in Propensity Score Model	See Appendix M	See Appendix M	See Appendix M	See Appendix M	See Appendix M	See Appendix M	See Appendix M	See Appendix M
Continuous Variables to Include in Propensity Score Model	See Appendix M	See Appendix M	See Appendix M	See Appendix M	See Appendix M	See Appendix M	See Appendix M	See Appendix M
Firth Logistic Intercept Correct (FLIC) Method	No	No	No	No	No	No	No	No
High-dimensional Propensity Score	No	Yes	No	Yes	No	Yes	No	Yes
HDPS Evaluation Period Start	n/a	-400	n/a	-400	n/a	-400	n/a	-400
HDPS Evaluation Period End	n/a	-1	n/a	-1	n/a	-1	n/a	-1

Appendix K. Specifications for PSA Type2 L2 Request ID: cder_sir_wp015

Number of Covariates Considered for HDPS Model by Data Dimension	n/a	100	n/a	100	n/a	100	n/a	100
Number of covariates selected for HDPS model	n/a	300	n/a	300	n/a	300	n/a	300
Ranking used for HDPS covariate selection	n/a	*Confounder-exposure relationship	n/a	*Confounder-exposure relationship	n/a	*Confounder-exposure relationship	n/a	*Confounder-exposure relationship
Zero cell correction	n/a	Yes	n/a	Yes	n/a	Yes	n/a	Yes
Truncation for ICD-9 or ICD-10 diagnosis codes	n/a	3	n/a	3	n/a	3	n/a	3
Should output include Kaplan Meier Plots?	n/a	No	n/a	No	n/a	No	n/a	No
A. PS Matching								
Comparison Identifier	prucal_stand_90_1	prucal_hdps_90_1	prucal_stand_183_1	prucal_hdps_183_1	plecan_stand_90_1	plecan_hdps_90_1	plecan_stand_183_1	plecan_hdps_183_1
Matching Algorithm Type	*Fixed ratio matching	*Fixed ratio matching	*Fixed ratio matching	*Fixed ratio matching	*Fixed ratio matching	*Fixed ratio matching	*Fixed ratio matching	*Fixed ratio matching
Maximum Number of Matches	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1
Matching Caliper Settings	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Return Unconditional Analysis	Conditional Only	Conditional Only	Conditional Only	Conditional Only	Conditional Only	Conditional Only	Conditional Only	Conditional Only

International Classification of Diseases, Ninth Revision (ICD-9), International Classification of Diseases, Tenth Revision (ICD-10), Healthcare Common Procedure Coding System (HCPCS), and CPT (Current Procedural Terminology) codes are provided by Optum360. National Drug Codes (NDCs) are checked against FirstDataBank's FDBMedKnowledge®.

Appendix L. Signal Identification Specifications for cder_sir_wp015_nsdp_v01

Event/Tree File Parameters					
Tree Analysis Group Label	pru_90_iped	pru_90_ipedav	pru_90_hdps_iped	pru_90_hdps_ipedav	ple_90_iped
Group/Analysis Group	prucal_standard_90_1	prucal_standard_90_1	prucal_hdps_90_1	prucal_hdps_90_1	plecan_standard_90_1
Care Setting	iP ED	IP ED AV	IP ED	IP ED AV	IP ED
Principal Diagnosis Position	Any	Any	Any	Any	Any
Tree Incidence Level	3	3	3	3	3
Tree event washout period	400	400	400	400	400
Tree Washout Care Setting	Any	Any	Any	Any	Any
Tree Washout Principal Diagnosis Position	Any	Any	Any	Any	Any
Tree Type	Standard and DME	Standard and DME	Standard and DME	Standard and DME	Standard and DME
TreeScan Software Parameters					
Type of Scan	Tree Only	Tree Only	Tree Only	Tree Only	Tree Only
Time Precision	n/a	n/a	n/a	n/a	n/a
Conditional Analysis	No	No	No	No	No
Probability Model	Bernoulli	Bernoulli	Bernoulli	Bernoulli	Bernoulli
Case Probability	1:2	1:2	1:2	1:2	1:2
Monte Carlo Replications	9999	9999	9999	9999	9999
Tree Level Assessment	3,4,5	3,4,5	3,4,5	3,4,5	3,4,5
Event/Tree File Parameters					
Tree Analysis Group Label	ple_90_ipedav	ple_90_hdps_iped	ple_90_hdps_ipedav	pru_183_iped	pru_183_ipedav
Group/Analysis Group	plecan_standard_90_1	plecan_hdps_90_1	plecan_hdps_90_1	prucal_standard_183_1	prucal_standard_183_1
Care Setting	IP ED AV	IP ED	IP ED AV	iP ED	IP ED AV
Principal Diagnosis Position	Any	Any	Any	Any	Any
Tree Incidence Level	3	3	3	3	3
Tree event washout period	400	400	400	400	400
Tree Washout Care Setting	Any	Any	Any	Any	Any
Tree Washout Principal Diagnosis Position	Any	Any	Any	Any	Any
Tree Type	Standard and DME	Standard and DME	Standard and DME	Standard and DME	Standard and DME
TreeScan Software Parameters					
Type of Scan	Tree Only	Tree Only	Tree Only	Tree Only	Tree Only
Time Precision	n/a	n/a	n/a	n/a	n/a
Conditional Analysis	No	No	No	No	No
Probability Model	Bernoulli	Bernoulli	Bernoulli	Bernoulli	Bernoulli
Case Probability	1:2	1:2	1:2	1:2	1:2
Monte Carlo Replications	9999	9999	9999	9999	9999
Tree Level Assessment	3,4,5	3,4,5	3,4,5	3,4,5	3,4,5

Appendix L. Signal Identification Specifications for cder_sir_wp015_nsdp_v01

Event/Tree File Parameters					
Tree Analysis Group Label	pru_183_hdps_iped	pru_183_hdps_ipedav	ple_183_iped	ple_183_ipedav	ple_183_hdps_iped
Group/Analysis Group	prucal_hdps_183_1	prucal_hdps_183_1	plecan_standard_183_1	plecan_standard_183_1	plecan_hdps_183_1
Care Setting	IP ED	IP ED AV	IP ED	IP ED AV	IP ED
Principal Diagnosis Position	Any	Any	Any	Any	Any
Tree Incidence Level	3	3	3	3	3
Tree event washout period	400	400	400	400	400
Tree Washout Care Setting	Any	Any	Any	Any	Any
Tree Washout Principal Diagnosis Position	Any	Any	Any	Any	Any
Tree Type	Standard and DME	Standard and DME	Standard and DME	Standard and DME	Standard and DME
TreeScan Software Parameters					
Type of Scan	Tree Only	Tree Only	Tree Only	Tree Only	Tree Only
Time Precision	n/a	n/a	n/a	n/a	n/a
Conditional Analysis	No	No	No	No	No
Probability Model	Bernoulli	Bernoulli	Bernoulli	Bernoulli	Bernoulli
Case Probability	1:2	1:2	1:2	1:2	1:2
Monte Carlo Replications	9999	9999	9999	9999	9999
Tree Level Assessment	3,4,5	3,4,5	3,4,5	3,4,5	3,4,5

Event/Tree File Parameters	
Tree Analysis Group Label	ple_183_hdps_ipedav
Group/Analysis Group	plecan_hdps_183_1
Care Setting	IP ED AV
Principal Diagnosis Position	Any
Tree Incidence Level	3
Tree event washout period	400
Tree Washout Care Setting	Any
Tree Washout Principal Diagnosis Position	Any
Tree Type	Standard and DME
TreeScan Software Parameters	
Type of Scan	Tree Only
Time Precision	n/a
Conditional Analysis	No
Probability Model	Bernoulli
Case Probability	1:2
Monte Carlo Replications	9999
Tree Level Assessment	3,4,5

Appendix M. Baseline Characteristics for cder_sir_wp015_nsdp_v01

Covariate Name	Covariate Number	Include In Baseline Table	Include in PS Model	Code Category	Care Setting and Diagnosis Position Requirements	Covariate Evaluation Period Start	Covariate Evaluation Period End	Number of Instances the Covariate Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Demographics										
Age (continuous)	n/a	Y	Y							
Age (categorical)	n/a	Y	N							
Sex	n/a	Y	Y							
Race	n/a	Y	Y							
Hispanic Origin	n/a	Y	Y							
Year	n/a	Y	Y							
Utilization Metrics and Risk Scores										
Mean Number Of Filled Prescriptions	n/a	Y	Y			-400	0			
Mean Number Of Generics Dispensed	n/a	Y	Y			-400	0			
Mean Number Of Ambulatory Encounters	n/a	Y	Y			-400	0			
Mean Number Of Other Ambulatory Encounters	n/a	Y	Y			-400	0			
Mean Number Of Emergency Room Encounters	n/a	Y	Y			-400	0			
Mean Number Of Inpatient Hospital Encounters	n/a	Y	Y			-400	0			
Mean Number Of Non-Acute Institutional Encounters	n/a	Y	Y			-400	0			
CCI	n/a	Y	Y			-400	0			
GI Conditions										
Abdominal imaging	1	Y	Y	**PX:** Procedure code	Any	-400	0	1	n/a	n/a
Abdominal surgeries	2	Y	Y	**PX:** Procedure code	Any	-400	0	1	n/a	n/a
Chronic idiopathic constipation (CIC)	3	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Colonosopy	4	Y	Y	**PX:** Procedure code	Any	-400	0	1	n/a	n/a
Colorectal cancer	5	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Constipation	6	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Endoscopy	7	Y	Y	**PX:** Procedure code	Any	-400	0	1	n/a	n/a
Functional upper gastrointestinal disorder	8	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a

Appendix M. Baseline Characteristics for cder_sir_wp015_nsdp_v01

Covariate Name	Covariate Number	Include In Baseline Table	Include in PS Model	Code Category	Care Setting and Diagnosis Position Requirements	Covariate Evaluation Period Start	Covariate Evaluation Period End	Number of Instances the Covariate Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Gastroesophageal reflux disease (GERD)	9	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
GI obstruction	10	Y	Y	**DX:** Diagnosis code **PX:** Procedure code	Any	-400	0	1	n/a	n/a
Gastrointestinal symptoms	11	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
IBS (Irritable bowel syndrome)	12	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
IBS-C (Irritable bowel syndrome with constipation)	13	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Inflammatory bowel and colonic conditions	14	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Other functional intestinal disorders	15	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Celiac disease	16	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Comorbidities										
Acute kidney failure	17	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Acute myocardial infarction (AMI)	18	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Alcohol use	19	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Arrhythmia	20	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Chronic kidney disease (CKD)	21	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Chronic obstructive pulmonary disease (COPD)	22	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Diabetes mellitus	23	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a

Appendix M. Baseline Characteristics for cder_sir_wp015_nsdp_v01

Covariate Name	Covariate Number	Include In Baseline Table	Include in PS Model	Code Category	Care Setting and Diagnosis Position Requirements	Covariate Evaluation Period Start	Covariate Evaluation Period End	Number of Instances the Covariate Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Dialysis	24	Y	Y	**PX:** Procedure code	Any	-400	0	1	n/a	n/a
Electrolyte disorders	25	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Heart failure	26	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Hyperlipidemia	27	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Hypertension	28	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Hypothyroidism	29	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Ischemic heart disease (IHD)	30	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Liver Disease, Cirrhosis and Other Liver Conditions	31	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Neurological and Psychiatric Conditions	32	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Obesity	33	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Other cancers	34	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Rheumatoid arthritis	35	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Stroke/Transient Ishemic Attack (TIA)	36	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Smoking	37	Y	Y	**DX:** Diagnosis code	Any	-400	0	1	n/a	n/a
Medications										

Appendix M. Baseline Characteristics for cder_sir_wp015_nsdp_v01

Covariate Name	Covariate Number	Include In Baseline Table	Include in PS Model	Code Category	Care Setting and Diagnosis Position Requirements	Covariate Evaluation Period Start	Covariate Evaluation Period End	Number of Instances the Covariate Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Agents approved for opioid-induced constipation	38	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Antacids	39	Y	N	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Antibiotics	40	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval

Appendix M. Baseline Characteristics for cder_sir_wp015_nsdp_v01

Covariate Name	Covariate Number	Include In Baseline Table	Include in PS Model	Code Category	Care Setting and Diagnosis Position Requirements	Covariate Evaluation Period Start	Covariate Evaluation Period End	Number of Instances the Covariate Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Antidepressants	41	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Antidiarrheals	42	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Antipsychotics	43	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval

Appendix M. Baseline Characteristics for cder_sir_wp015_nsdp_v01

Covariate Name	Covariate Number	Include In Baseline Table	Include in PS Model	Code Category	Care Setting and Diagnosis Position Requirements	Covariate Evaluation Period Start	Covariate Evaluation Period End	Number of Instances the Covariate Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Bethanechol	44	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Bile-acid agents	45	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Bladder and GI anticholinergics	46	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval

Appendix M. Baseline Characteristics for cder_sir_wp015_nsdp_v01

Covariate Name	Covariate Number	Include In Baseline Table	Include in PS Model	Code Category	Care Setting and Diagnosis Position Requirements	Covariate Evaluation Period Start	Covariate Evaluation Period End	Number of Instances the Covariate Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Calcium Channel Blocckers	47	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Diuretics	48	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Erythromycin	49	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval

Appendix M. Baseline Characteristics for cder_sir_wp015_nsdp_v01

Covariate Name	Covariate Number	Include In Baseline Table	Include in PS Model	Code Category	Care Setting and Diagnosis Position Requirements	Covariate Evaluation Period Start	Covariate Evaluation Period End	Number of Instances the Covariate Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Histamine H2-Receptor Antagonists (H_2RAs)	50	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Laxatives (includes lactulose)	51	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Metoclopramide	52	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval

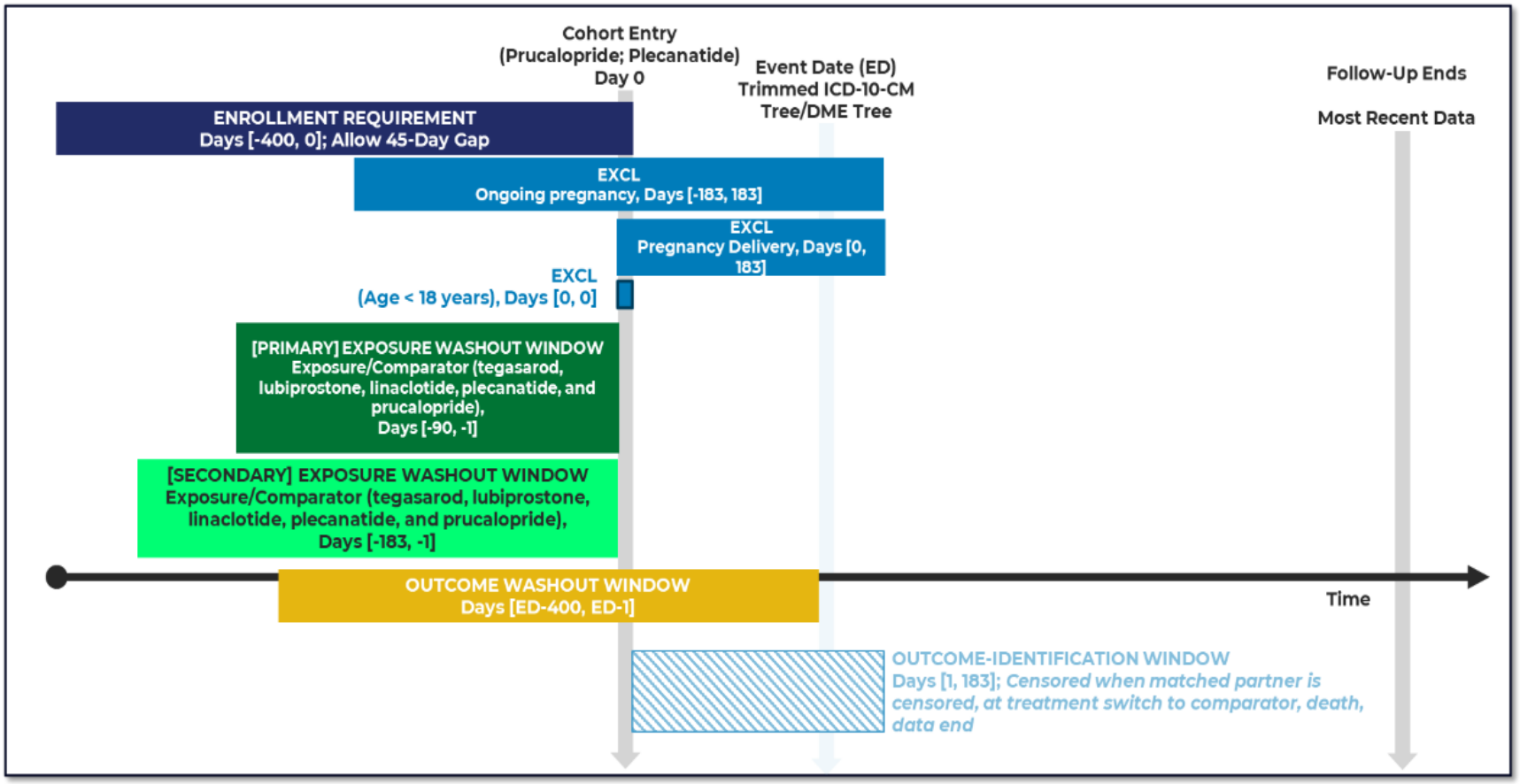
Appendix M. Baseline Characteristics for cder_sir_wp015_nsdp_v01

Covariate Name	Covariate Number	Include In Baseline Table	Include in PS Model	Code Category	Care Setting and Diagnosis Position Requirements	Covariate Evaluation Period Start	Covariate Evaluation Period End	Number of Instances the Covariate Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Opioids	53	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Potassium-competitive acid blockers (PCABs)	54	Y	N	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Proton-pump inhibitors (PPIs)	55	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval

Appendix M. Baseline Characteristics for cder_sir_wp015_nsdp_v01

Covariate Name	Covariate Number	Include In Baseline Table	Include in PS Model	Code Category	Care Setting and Diagnosis Position Requirements	Covariate Evaluation Period Start	Covariate Evaluation Period End	Number of Instances the Covariate Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Tenapanor	56	Y	Y	**RX:** Drug code	N/A	-400	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Chloride channel activators (Lubiprostone [Amitiza])	57	Y	N	**RX:** Drug code	N/A	-183	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Other 5-HT_4 (serotonin type 4) receptor agonists (Tegaserod [Zelnorm])	58	Y	N	**RX:** Drug code	N/A	-183	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval

Appendix M. Baseline Characteristics for cder_sir_wp015_nsdp_v01

Covariate Name	Covariate Number	Include In Baseline Table	Include in PS Model	Code Category	Care Setting and Diagnosis Position Requirements	Covariate Evaluation Period Start	Covariate Evaluation Period End	Number of Instances the Covariate Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Other GC-C agonists (Linaclotide [Linzess])	59	Y	N	**RX:** Drug code	N/A	-183	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Plecanatide	60	Y	N	**RX:** Drug code	N/A	-183	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval
Prucalopride	61	Y	N	**RX:** Drug code	N/A	-183	0	1	n/a	**N:** Lookback period should search for evidence of a date or an interval

Appendix N. Design Diagram of Cohort Entry Requirements and Index Exposure