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

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_wp012

Request ID: cder_sir_wp012

Request Description: In this report, we performed signal identification for subcutaneous semaglutide by monitoring non-pregnancy and non-cancer outcomes among new users of subcutaneous semaglutide in the Sentinel Distributed Database (SDD).

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 14.1.1, with the Signal Identification (SI) module.

Data Source: We distributed this query to 13 Sentinel Data Partners (11 Data Partners on April 17, 2025 and two Data Partners on April 18, 2025). The study period included data from December 1, 2017 through the most recent available data (August 31, 2024). See Appendix A for a list of dates of available data for each Data Partner.

Study Design: We conducted this signal identification assessment using a self-controlled risk interval design with Tree-Only Scan and Tree-Temporal Scan analyses to identify incident outcomes, and temporal clusters of incident outcomes following initiation of treatment with subcutaneous semaglutide. We identified new health outcomes of interest (HOIs) using two hierarchical trees based on International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes in the study. We identified all valid episodes of new subcutaneous semaglutide use among those aged 18 years or older at the time of treatment initiation (index date) and screened for the occurrence of incident HOIs during pertinent risk and control windows. We created a total of six cohorts; three cohorts for the Tree-Only Scan analyses and three cohorts for the Tree-Temporal Scan analyses (further details in the Cohort Eligibility Criteria section).

The Tree-Only Scan analysis used a fixed risk window and pre-treatment control window of the same lengths: the risk window was from one to 28 days post-treatment initiation or index date and the control window was -56 days to -29 days prior to index date. The Tree-Temporal Scan analyses had an outcome assessment window of days one to 183 post-index date with variable risk and control windows within that period. This is a Type 3 Signal Identification analysis in the Query Request Package (QRP) documentation.

Exposure of Interest: We defined the exposure of interest, subcutaneous semaglutide, using National Drug Codes (NDCs) that were queried in the dispensing and procedure tables in the Sentinel Common Data Model (SCDM) format. All valid and qualifying treatment dispensings (index exposures) were evaluated; cohort re-entry was allowed. Please see Appendix B for non-proprietary and proprietary names of medical products used to define the exposure in this request.

Cohort Eligibility Criteria: We required members in all six cohorts to be enrolled in health plans with medical and drug coverage for at least 400 days prior to the index date (456 days for the Tree-Only scan cohorts), during which gaps in coverage of up to 45 days were allowed and treated as continuous enrollment. The following age groups were included in the cohort: 18-24, 25-34, 35-44, 45-54, 55-64, 65-74 and 75+ years. We defined incident exposure as those without any evidence of subcutaneous semaglutide in the 365 days before the index date.

We formed six separate cohorts based on the following selection criteria, and pre- and post-index date enrollment requirements. Each individual could contribute one or more exposure episodes to each cohort.

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Tree-Only Scan cohorts:

1. Overall: Continuous enrollment required over the period between 456 days before index date and 28 days post-index date [-456, 28]. We excluded exposure episodes with evidence of ongoing pregnancy and live-birth delivery in the [-183, 28] and [-56, 28] days around index date, respectively. We also excluded those with evidence of oral semaglutide dispensing in the [-365, 0] days from index date.
2. Glucagon like peptide-1 receptor agonist (GLP-1 RA) exclusion cohort: In addition to the selection criteria in the overall cohort 1, we excluded episodes with evidence of other GLP-1 receptor agonist use in the 365 days prior to index date [-365, 0].
3. Evidence of metabolic dysfunction-associated steatohepatitis (MASH) cohort: In addition to the selection criteria in the overall cohort 1, we included episodes with evidence of a diagnosis code for MASH in the 400 days prior to index date [-400, 0].

Tree-Temporal Scan cohorts:

4. Overall: Continuous enrollment required over the period between 400 days before index date and 183 days post-index date [-400, 183]. We excluded episodes with evidence of ongoing pregnancy and live-birth delivery in the [-183, 183] and [0, 183] days around index date, respectively. We also excluded those with evidence of oral semaglutide dispensing in the [-365, 0] days from index date.
5. Glucagon like peptide-1 receptor agonist (GLP-1 RA) exclusion cohort: In addition to the selection criteria in the overall cohort 4, we excluded episodes with evidence of other GLP-1 receptor agonist use in the 365 days prior to index date [-365, 0].
6. Evidence of metabolic dysfunction-associated steatohepatitis (MASH) cohort: In addition to the selection criteria in the overall cohort 4, we included episodes with evidence of a diagnosis code for MASH in the 400 days prior to index date [-400, 0].

Inclusion and exclusion criteria were defined using NDCs, Current Procedural Terminology, Fourth Edition (CPT-4), Healthcare Common Procedure Coding System (HCPCS), ICD-10-CM, and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) codes. See Appendix C for diagnosis and procedure codes and Appendix D for non-proprietary and proprietary names of medical products used to define inclusion and exclusion criteria.

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Baseline Characteristics: We evaluated the following demographic characteristics on the index date: age, sex, race, ethnicity, and year of treatment initiation. We additionally evaluated the following characteristics:

- Indications for subcutaneous semaglutide and other related conditions assessed during days [-400, 0] around index date or treatment initiation: Type 2 diabetes mellitus, obesity, MASH and complications of type 2 diabetes mellitus.
- Drug initiated on index date (proprietary name): Ozempic® or Wegovy®
- Comorbidities and health characteristics assessed during days [-400, 0] around index date: acute myocardial infarction, arrhythmia, chronic kidney disease, end stage renal disease, ischemic heart disease, heart failure and non-ischemic heart disease, hyperlipidemia, hypertension, stroke/transient ischemic attack, acute lymphoblastic leukemia, Addison's disease, alcohol use disorders, Alzheimer's disease, anemia, anxiety disorders, bacterial infection, cancer, chemotherapy, cataract, celiac disease, coagulopathy, coxsackie disease, cystic fibrosis, cytomegalovirus, degenerative disease of central nervous system, depression bipolar or other mood disorders, dementia, drug use disorder, durable medical equipment, Epstein Barr disease, fecal occult blood test, influenza, fluid and electrolyte disorder, gallstones, glaucoma, Graves' disease, Hashimoto's thyroiditis, hemiplegia, hemolytic uremic syndrome, herpes, histoplasmosis, human immunodeficiency virus (HIV) and acquired immunodeficiency syndrome (AIDS), human papillomavirus (HPV) deoxyribonucleic acid (DNA) test, hyperparathyroidism, inflammatory bowel disease, Kawasaki disease, liver disease cirrhosis and other liver conditions, systemic lupus erythematosus, metastatic cancer, migraine, multiple sclerosis, mumps, myasthenia gravis, organ transplantation, parvovirus B19, peripheral vascular disease, pneumocytosis, psoriatic arthritis, pulmonary circulation disorder, pulmonary disease, Reye's syndrome, rheumatoid arthritis osteoarthritis, schizophrenia and other psychotic disorders, tobacco use, type 1 diabetes mellitus, vasculitis, weight loss, mammogram, colonoscopy, pap smear, prostate-specific antigen (PSA) test.
- Medical product use assessed during days [-400, 0] around index date: insulin, GLP-1 receptor agonists, metformin, sulfonylureas, glinides, other antidiabetics, statins, resmetirom, ursodiol, gout medications, oxicam medications, sertraline, sulfa antibiotics.
- Metrics of health services utilization, drug utilization, and Charlson/Elixhauser combined comorbidity score¹ assessed over days [-400, -1] around index date.

Please see Appendix E for a list of CPT-4, Current Procedural Terminology Category II (CPT-2), HCPCS, and ICD-10-PCS procedure codes along with ICD-10-CM diagnosis codes and Appendix F for a list of non-proprietary and proprietary names used to define characteristics in this request.

Overview for Request: cder_sir_wp012

Outcome Assessment via Signal Identification: We evaluated new HOIs using two hierarchical trees based on ICD-10-CM diagnosis codes.

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 Medical Agency's (EMA) DME list, list of adverse events in the surveillance of COVID-19 mRNA vaccination² 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 and Tree-Temporal Scan analyses, we identified incident HOIs occurring in acute care settings, i.e., 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 three digits of the ICD-10-CM code in the prior 400 days in any setting. We identified signals in the six cohorts as well as in sub-populations defined by indication (type 2 diabetes mellitus and obesity), proprietary drug initiated on index date (Ozempic® or Wegovy®) and for those episodes with evidence of MASH.

Tree-Based Scan Statistics: Potential signals were identified via the TreeScan™ software (version 2.1.1). TreeScan™ is a data-mining software that implements tree-based scan statistics. The software determined whether there were statistically significant elevations in the frequencies of incident outcomes post-treatment initiation and temporal clustering of outcomes in the post-treatment period after adjusting for multiple testing. For our Tree-Only Scan analyses that compared the incidence of outcomes in post-treatment risk windows with those in pre-treatment control windows, we used a conditional Bernoulli model to calculate the log likelihood ratio for every third-fifth level node of the outcome tree. For our Tree-Temporal Scan analyses that identified temporal clusters of incident HOIs in the 183 post-treatment risk window, we used a Tree-Temporal Scan Statistic conditioned on node and time. See Appendices G.1 and G.2 for calculation of test statistics.

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

¹The 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)

²Klein 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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Appendix C List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Inclusion/Exclusions in this Request

Appendix D Generic and Brand Names of Medical Products Used to Define Inclusion/Exclusions in this Request

Appendix E List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4), and Current Procedural Terminology Category II (CPT-2) Codes Used to Define Baseline Characteristics in this Request

Appendix F Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Appendix G.1 Calculation of the Tree-Only Test Statistic for Conditional Bernoulli Probability Model

Appendix G.2 Calculation for the Tree-Temporal Scan Statistic Conditioned on Node and Time

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Appendix H.1 Signal Identification Specifications for this Request

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Appendix J Design Diagram for Self-Controlled Risk Interval Design with Tree-Only Temporal Scan

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*all terms may not be used in this report

Table 1a. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Patient Characteristics¹	Number	Percent
Unique patients	1,650,657	
Episodes	1,690,486	100.0%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	60.3	11.1
Age	Number	Percent
18-24 years	15,095	0.9%
25-34 years	64,237	3.8%
35-44 years	177,693	10.5%
45-54 years	313,470	18.5%
55-64 years	373,290	22.1%
65-74 years	535,062	31.7%
≥ 75 years	211,639	12.5%
Sex		
Female	1,000,099	60.6%
Male	650,558	39.4%
Race ²		
American Indian or Alaska Native	11,768	0.7%
Asian	27,391	1.7%
Black or African American	159,290	9.7%
Multi-racial	19,672	1.2%
Native Hawaiian or Other Pacific Islander	3,127	0.2%
Unknown	455,408	27.6%
White	974,001	59.0%
Hispanic origin		
Yes	68,456	4.1%
No	1,030,786	62.4%
Unknown	551,415	33.4%
Year		
2017	0	0.0%
2018	28,341	1.7%
2019	115,736	6.8%
2020	129,187	7.6%
2021	212,608	12.6%
2022	294,841	17.4%
2023	616,499	36.5%
2024	293,274	17.3%
Health Characteristics [-400, 0]	Mean	Standard Deviation
Combined comorbidity score ³	2.2	2.5

Table 1a. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Type 2 Diabetes Mellitus	1,204,862	71.3%
Obesity	1,123,534	66.5%
Metabolic Dysfunction-Associated Steatohepatitis (MASH)	27,083	1.6%
Complicated Diabetes	701,333	41.5%
Acute Myocardial Infarction	38,391	2.3%
Arrhythmia	326,187	19.3%
Ischemic Heart Disease	368,133	21.8%
Heart Failure and Non-Ischemic Heart Disease	207,141	12.3%
Hyperlipidemia	1,292,707	76.5%
Hypertension	1,305,343	77.2%
Stroke/Transient Ischemic Attack	78,720	4.7%
Chronic Kidney Disease	391,572	23.2%
End Stage Renal Disease	60,213	3.6%
Acute Lymphoblastic Leukemia	385	0.0%
Addison's Disease	7,242	0.4%
Alcohol Use Disorders	34,993	2.1%
Alzheimer's Disease	7,388	0.4%
Anemia	362,981	21.5%
Anxiety Disorders	480,334	28.4%
Bacterial Infection	383,642	22.7%
Cancer	152,184	9.0%
Cataract	390,469	23.1%
Chemotherapy	6,242	0.4%
Celiac Disease	4,317	0.3%
Coagulopathy	93,034	5.5%
Coxsackie Disease	990	0.1%
Cystic Fibrosis	260	0.0%
Cytomegalovirus	1,701	0.1%
Degenerative Disease of Central Nervous System	154,043	9.1%
Depression Bipolar or Other Mood Disorders	495,416	29.3%
Dementia	30,244	1.8%
Drug Use Disorder	81,823	4.8%
Durable Medical Equipment	55,448	3.3%
Epstein Barr Disease	429	0.0%
Fecal Occult Blood Test	63,052	3.7%
Influenza	36,636	2.2%
Fluid and Electrolyte Disorder	222,713	13.2%

Table 1a. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Gallstones	45,540	2.7%
Glaucoma	168,804	10.0%
Graves' Disease	7,316	0.4%
Hashimoto's Thyroiditis	31,912	1.9%
Hemiplegia	17,552	1.0%
Hemolytic Uremic Syndrome	40	0.0%
Herpes	50,798	3.0%
Histoplasmosis	1,519	0.1%
Human Immunodeficiency Virus (HIV) and Acquired Immunodeficiency Syndrome (AIDs)	8,888	0.5%
Human Papillomavirus (HPV) Deoxyribonucleic Acid (DNA) Test	0	0.0%
Hyperparathyroidism	28,939	1.7%
Inflammatory Bowel Disease	19,862	1.2%
Kawasaki Disease	35	0.0%
Liver Disease Cirrhosis and Other Liver Conditions	219,315	13.0%
Systemic Lupus Erythematosus	12,664	0.7%
Metastatic Cancer	15,311	0.9%
Migraine	103,170	6.1%
Multiple Sclerosis	8,213	0.5%
Mumps	74	0.0%
Myasthenia Gravis	2,746	0.2%
Organ Transplantation	7,094	0.4%
Parvovirus B19	55	0.0%
Peripheral Vascular Disease	245,393	14.5%
Pneumocytosis	156	0.0%
Psoriatic Arthritis	15,065	0.9%
Pulmonary Circulation Disorder	49,812	2.9%
Pulmonary Disease	360,706	21.3%
Reye's Syndrome	*****	*****
Rheumatoid Arthritis Osteoarthritis	654,673	38.7%
Schizophrenia and Other Psychotic Disorders	32,978	2.0%
Tobacco Use	168,940	10.0%
Type 1 Diabetes Mellitus	73,117	4.3%
Vasculitis	4,303	0.3%
Weight Loss	13,930	0.8%
Mammogram	561,068	33.2%
Colonoscopy	391,351	23.2%
Pap Smear	205,345	12.1%
Prostate-Specific Antigen (PSA) Test	350,078	20.7%

Table 1a. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Medical Product Use [-400, 0]⁴	Number	Percent
Ozempic on index date	1,500,447	88.8%
Wegovy on index date	190,098	11.2%
Insulin	471,552	27.9%
Glucagon-like peptide-1 (GLP-1) receptor agonists	360,896	21.3%
Metformin	950,109	56.2%
Sulfonylureas	350,912	20.8%
Glinides	14,551	0.9%
Other antidiabetics	436,675	25.8%
Statins	1,114,772	65.9%
Resmetirom	*****	*****
Ursodiol	4,121	0.2%
Gout medications	111,734	6.6%
Oxicam medications	183,226	10.8%
Sertraline	123,059	7.3%
Sulfa antibiotics	184,429	10.9%
Health Service Utilization Intensity Metrics [-400, 0]	Mean	Standard Deviation
Mean number of ambulatory encounters	24.6	23.7
Mean number of emergency room encounters	0.6	1.6
Mean number of non-acute institutional encounters	0.0	0.3
Mean number of other ambulatory encounters	7.7	18.1
Mean number of filled prescriptions	51.2	41.1
Mean number of generics dispensed	14.1	7.0
Mean number of unique drug classes dispensed	12.1	5.9

¹All metrics are based on total number of episodes per cohort, except for sex and race which are based on total number of unique patients; each baseline characteristic table represents one cohort.

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

³Gagne 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.

⁴The assessment period for 'Medical Product Use' is from 400 days prior to index date to the index date, except for Ozempic and Wegovy, which are assessed on the index date.

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

Table 1b. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Patient Characteristics¹	Number	Percent
Unique patients	1,277,904	
Episodes	1,304,464	100.0%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	60.2	11.0
Age	Number	Percent
18-24 years	10,999	0.8%
25-34 years	47,175	3.6%
35-44 years	137,926	10.6%
45-54 years	246,971	18.9%
55-64 years	287,099	22.0%
65-74 years	419,758	32.2%
≥ 75 years	154,536	11.8%
Sex		
Female	779,270	61.0%
Male	498,634	39.0%
Race ²		
American Indian or Alaska Native	9,420	0.7%
Asian	20,997	1.6%
Black or African American	120,871	9.5%
Multi-racial	15,233	1.2%
Native Hawaiian or Other Pacific Islander	2,327	0.2%
Unknown	347,216	27.2%
White	761,840	59.6%
Hispanic origin		
Yes	52,258	4.1%
No	803,971	62.9%
Unknown	421,675	33.0%
Year		
2017	0	0.0%
2018	26,497	2.0%
2019	109,674	8.4%
2020	123,807	9.5%
2021	183,275	14.0%
2022	281,778	21.6%
2023	568,552	43.6%
2024	10,881	0.8%
Health Characteristics [-400, 0]	Mean	Standard Deviation
Combined comorbidity score ³	2.2	2.5

Table 1b. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Type 2 Diabetes Mellitus	929,519	71.3%
Obesity	865,963	66.4%
Metabolic Dysfunction-Associated Steatohepatitis (MASH)	21,095	1.6%
Complicated Diabetes	538,019	41.2%
Acute Myocardial Infarction	28,634	2.2%
Arrhythmia	247,553	19.0%
Ischemic Heart Disease	279,803	21.4%
Heart Failure and Non-Ischemic Heart Disease	154,180	11.8%
Hyperlipidemia	998,636	76.6%
Hypertension	1,008,603	77.3%
Stroke/Transient Ischemic Attack	59,484	4.6%
Chronic Kidney Disease	295,993	22.7%
End Stage Renal Disease	44,748	3.4%
Acute Lymphoblastic Leukemia	295	0.0%
Addison's Disease	5,709	0.4%
Alcohol Use Disorders	25,981	2.0%
Alzheimer's Disease	5,315	0.4%
Anemia	278,582	21.4%
Anxiety Disorders	369,630	28.3%
Bacterial Infection	296,713	22.7%
Cancer	116,319	8.9%
Cataract	302,096	23.2%
Celiac Disease	3,422	0.3%
Chemotherapy	4,621	0.4%
Coagulopathy	68,321	5.2%
Coxsackie Disease	754	0.1%
Cystic Fibrosis	200	0.0%
Cytomegalovirus	1,287	0.1%
Degenerative Disease of Central Nervous System	117,917	9.0%
Depression Bipolar or Other Mood Disorders	381,401	29.2%
Dementia	22,076	1.7%
Drug Use Disorder	61,928	4.7%
Durable Medical Equipment	41,105	3.2%
Epstein Barr Disease	327	0.0%
Fecal Occult Blood Test	50,399	3.9%
Influenza	27,709	2.1%
Fluid and Electrolyte Disorder	168,328	12.9%

Table 1b. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Gallstones	34,648	2.7%
Glaucoma	129,649	9.9%
Graves' Disease	5,728	0.4%
Hashimoto's Thyroiditis	25,515	2.0%
Hemiplegia	13,107	1.0%
Hemolytic Uremic Syndrome	39	0.0%
Herpes	39,589	3.0%
Histoplasmosis	1,192	0.1%
Human Immunodeficiency Virus (HIV) and Acquired Immunodeficiency Syndrome (AIDs)	6,697	0.5%
Human Papillomavirus (HPV) Deoxyribonucleic Acid (DNA) Test	0	0.0%
Hyperparathyroidism	22,005	1.7%
Inflammatory Bowel Disease	15,366	1.2%
Kawasaki Disease	23	0.0%
Liver Disease Cirrhosis and Other Liver Conditions	168,779	12.9%
Systemic Lupus Erythematosus	9,916	0.8%
Metastatic Cancer	11,405	0.9%
Migraine	80,056	6.1%
Multiple Sclerosis	6,275	0.5%
Mumps	62	0.0%
Myasthenia Gravis	2,127	0.2%
Organ Transplantation	5,432	0.4%
Parvovirus B19	39	0.0%
Peripheral Vascular Disease	184,450	14.1%
Pneumocytosis	117	0.0%
Psoriatic Arthritis	11,666	0.9%
Pulmonary Circulation Disorder	36,856	2.8%
Pulmonary Disease	276,074	21.2%
Reye's Syndrome	*****	*****
Rheumatoid Arthritis Osteoarthritis	504,544	38.7%
Schizophrenia and Other Psychotic Disorders	25,038	1.9%
Tobacco Use	128,392	9.8%
Type 1 Diabetes Mellitus	59,407	4.6%
Vasculitis	3,338	0.3%
Weight Loss	10,113	0.8%
Mammogram	436,884	33.5%
Colonoscopy	299,607	23.0%
Pap Smear	162,685	12.5%
Prostate-Specific Antigen (PSA) Test	266,985	20.5%

Table 1b. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Medical Product Use [-400, 0]⁴	Number	Percent
Ozempic on index date	1,178,042	90.3%
Wegovy on index date	126,470	9.7%
Insulin	373,135	28.6%
Glucagon-like peptide-1 (GLP-1) receptor agonists	256,260	19.6%
Metformin	741,604	56.9%
Sulfonylureas	276,842	21.2%
Glinides	11,754	0.9%
Other antidiabetics	335,424	25.7%
Statins	857,829	65.8%
Resmetirom	0	0.0%
Ursodiol	3,183	0.2%
Gout medications	86,497	6.6%
Oxicam medications	142,065	10.9%
Sertraline	94,627	7.3%
Sulfa antibiotics	144,115	11.0%
Health Service Utilization Intensity Metrics [-400, 0]	Mean	Standard Deviation
Mean number of ambulatory encounters	24.6	23.5
Mean number of emergency room encounters	0.6	1.6
Mean number of non-acute institutional encounters	0.0	0.3
Mean number of other ambulatory encounters	7.5	17.5
Mean number of filled prescriptions	51.3	40.9
Mean number of generics dispensed	14.1	7.0
Mean number of unique drug classes dispensed	12.1	5.9

¹All metrics are based on total number of episodes per cohort, except for sex and race which are based on total number of unique patients; each baseline characteristic table represents one cohort.

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

³Gagne 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.

⁴The assessment period for 'Medical Product Use' is from 400 days prior to index date to the index date, except for Ozempic and Wegovy, which are assessed on the index date.

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

Table 1c. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort with no Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the Prior 365 Days in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Patient Characteristics¹	Number	Percent
Unique patients	1,310,373	
Episodes	1,334,506	100.0%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	59.9	11.2
Age	Number	Percent
18-24 years	13,393	1.0%
25-34 years	55,821	4.2%
35-44 years	147,739	11.1%
45-54 years	249,869	18.7%
55-64 years	288,627	21.6%
65-74 years	416,638	31.2%
≥ 75 years	162,419	12.2%
Sex		
Female	800,752	61.1%
Male	509,621	38.9%
Race ²		
American Indian or Alaska Native	8,975	0.7%
Asian	21,291	1.6%
Black or African American	125,724	9.6%
Multi-racial	16,449	1.3%
Native Hawaiian or Other Pacific Islander	2,524	0.2%
Unknown	367,628	28.1%
White	767,782	58.6%
Hispanic origin		
Yes	54,127	4.1%
No	808,351	61.7%
Unknown	447,895	34.2%
Year		
2017	0	0.0%
2018	16,219	1.2%
2019	75,930	5.7%
2020	92,959	7.0%
2021	168,302	12.6%
2022	249,530	18.7%
2023	523,962	39.3%
2024	207,604	15.6%
Health Characteristics [-400, 0]	Mean	Standard Deviation
Combined comorbidity score ³	2.1	2.5

Table 1c. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort with no Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the Prior 365 Days in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Type 2 Diabetes Mellitus	891,028	66.8%
Obesity	896,317	67.2%
Complicated Diabetes	500,065	37.5%
Metabolic Dysfunction-Associated Steatohepatitis (MASH)	20,282	1.5%
Acute Myocardial Infarction	30,006	2.2%
Arrhythmia	252,735	18.9%
Ischemic Heart Disease	280,606	21.0%
Heart Failure and Non-Ischemic Heart Disease	159,816	12.0%
Hyperlipidemia	998,256	74.8%
Hypertension	1,009,409	75.6%
Stroke/Transient Ischemic Attack	60,499	4.5%
Chronic Kidney Disease	286,937	21.5%
End Stage Renal Disease	45,086	3.4%
Acute Lymphoblastic Leukemia	299	0.0%
Addison's Disease	5,757	0.4%
Alcohol Use Disorders	28,674	2.1%
Alzheimer's Disease	5,553	0.4%
Anemia	281,181	21.1%
Anxiety Disorders	384,018	28.8%
Bacterial Infection	295,011	22.1%
Cancer	118,022	8.8%
Cataract	293,399	22.0%
Celiac Disease	3,491	0.3%
Chemotherapy	4,902	0.4%
Coagulopathy	72,782	5.5%
Coxsackie Disease	800	0.1%
Cystic Fibrosis	224	0.0%
Cytomegalovirus	1,433	0.1%
Degenerative Disease of Central Nervous System	118,647	8.9%
Depression Bipolar or Other Mood Disorders	388,222	29.1%
Dementia	23,059	1.7%
Drug Use Disorder	64,671	4.8%
Durable Medical Equipment	43,345	3.2%
Epstein Barr Disease	355	0.0%
Fecal Occult Blood Test	49,358	3.7%
Influenza	28,722	2.2%
Fluid and Electrolyte Disorder	171,580	12.9%

Table 1c. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort with no Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the Prior 365 Days in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Gallstones	35,528	2.7%
Glaucoma	126,170	9.5%
Graves' Disease	5,783	0.4%
Hashimoto's Thyroiditis	25,030	1.9%
Hemiplegia	13,701	1.0%
Hemolytic Uremic Syndrome	34	0.0%
Herpes	40,574	3.0%
Histoplasmosis	1,183	0.1%
Human Immunodeficiency Virus (HIV) and Acquired Immunodeficiency Syndrome (AIDs)	6,925	0.5%
Human Papillomavirus (HPV) Deoxyribonucleic Acid (DNA) Test	0	0.0%
Hyperparathyroidism	22,062	1.7%
Inflammatory Bowel Disease	15,582	1.2%
Kawasaki Disease	27	0.0%
Liver Disease Cirrhosis and Other Liver Conditions	170,406	12.8%
Systemic Lupus Erythematosus	10,191	0.8%
Metastatic Cancer	12,057	0.9%
Migraine	82,765	6.2%
Multiple Sclerosis	6,648	0.5%
Mumps	56	0.0%
Myasthenia Gravis	2,126	0.2%
Organ Transplantation	5,848	0.4%
Parvovirus B19	43	0.0%
Peripheral Vascular Disease	184,863	13.9%
Pneumocytosis	124	0.0%
Psoriatic Arthritis	11,834	0.9%
Pulmonary Circulation Disorder	39,651	3.0%
Pulmonary Disease	283,312	21.2%
Reyes Syndrome	*****	*****
Rheumatoid Arthritis Osteoarthritis	511,622	38.3%
Schizophrenia and Other Pyschotic Disorders	24,953	1.9%
Tobacco Use	133,730	10.0%
Type 1 Diabetes Mellitus	52,107	3.9%
Vasculitis	3,365	0.3%
Weight Loss	11,017	0.8%
Mammogram	444,285	33.3%
Colonoscopy	308,943	23.2%
Pap Smear	166,835	12.5%
Prostate-Specific Antigen (PSA) Test	273,507	20.5%

Table 1c. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort with no Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the Prior 365 Days in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Medical Product Use [-400, 0]⁴	Number	Percent
Ozempic on index date	1,168,711	87.6%
Wegovy on index date	165,846	12.4%
Insulin	316,775	23.7%
Glucagon-like peptide-1 (GLP-1) receptor agonists	4,916	0.4%
Metformin	724,438	54.3%
Sulfonylureas	260,325	19.5%
Glinides	9,347	0.7%
Other antidiabetics	308,555	23.1%
Statins	841,909	63.1%
Resmetirom	*****	*****
Ursodiol	3,184	0.2%
Gout medications	85,307	6.4%
Oxicam medications	144,727	10.8%
Sertraline	97,447	7.3%
Sulfa antibiotics	142,134	10.7%
Health Service Utilization Intensity Metrics [-400, 0]	Mean	Standard Deviation
Mean number of ambulatory encounters	24.0	23.6
Mean number of emergency room encounters	0.6	1.6
Mean number of non-acute institutional encounters	0.0	0.3
Mean number of other ambulatory encounters	7.3	16.6
Mean number of filled prescriptions	47.3	38.5
Mean number of generics dispensed	13.5	6.8
Mean number of unique drug classes dispensed	11.8	5.8

¹All metrics are based on total number of episodes per cohort, except for sex and race which are based on total number of unique patients; each baseline characteristic table represents one cohort.

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

³Gagne 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.

⁴The assessment period for 'Medical Product Use' is from 400 days prior to index date to the index date, except for Ozempic and Wegovy, which are assessed on the index date.

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

Table 1d. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort with no Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the Prior 365 Days in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Patient Characteristics¹	Number	Percent
Unique patients	1,034,975	
Episodes	1,052,114	100.0%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	60.0	11.1
	Number	Percent
Age		
18-24 years	9,753	0.9%
25-34 years	41,017	3.9%
35-44 years	115,392	11.0%
45-54 years	198,991	18.9%
55-64 years	225,935	21.5%
65-74 years	336,652	32.0%
≥ 75 years	124,374	11.8%
Sex		
Female	634,861	61.3%
Male	400,114	38.7%
Race ²		
American Indian or Alaska Native	7,212	0.7%
Asian	16,520	1.6%
Black or African American	97,208	9.4%
Multi-racial	12,910	1.2%
Native Hawaiian or Other Pacific Islander	1,919	0.2%
Unknown	282,862	27.3%
White	616,344	59.6%
Hispanic origin		
Yes	41,770	4.0%
No	646,121	62.4%
Unknown	347,084	33.5%
Year		
2017	0	0.0%
2018	15,076	1.4%
2019	71,799	6.8%
2020	88,906	8.5%
2021	145,156	13.8%
2022	238,429	22.7%
2023	484,564	46.1%
2024	8,184	0.8%
Health Characteristics [-400, 0]	Mean	Standard Deviation
Combined comorbidity score ³	2.1	2.5

Table 1d. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort with no Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the Prior 365 Days in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Type 2 Diabetes Mellitus	708,583	67.3%
Obesity	702,834	66.8%
Metabolic Dysfunction-Associated Steatohepatitis (MASH)	16,191	1.5%
Complicated Diabetes	397,055	37.7%
Acute Myocardial Infarction	23,036	2.2%
Arrhythmia	197,279	18.8%
Ischemic Heart Disease	219,463	20.9%
Heart Failure and Non-Ischemic Heart Disease	122,573	11.7%
Hyperlipidemia	790,737	75.2%
Hypertension	799,905	76.0%
Stroke/Transient Ischemic Attack	47,174	4.5%
Chronic Kidney Disease	224,627	21.4%
End Stage Renal Disease	34,721	3.3%
Acute Lymphoblastic Leukemia	236	0.0%
Addison's Disease	4,604	0.4%
Alcohol Use Disorders	21,715	2.1%
Alzheimer's Disease	4,257	0.4%
Anemia	221,531	21.1%
Anxiety Disorders	301,503	28.7%
Bacterial Infection	233,929	22.2%
Cancer	93,002	8.8%
Cataract	234,471	22.3%
Celiac Disease	2,806	0.3%
Chemotherapy	3,769	0.4%
Coagulopathy	55,324	5.3%
Coxsackie Disease	621	0.1%
Cystic Fibrosis	177	0.0%
Cytomegalovirus	1,102	0.1%
Degenerative Disease of Central Nervous System	93,737	8.9%
Depression Bipolar or Other Mood Disorders	305,719	29.1%
Dementia	17,658	1.7%
Drug Use Disorder	49,979	4.8%
Durable Medical Equipment	32,857	3.1%
Epstein Barr Disease	280	0.0%
Fecal Occult Blood Test	40,041	3.8%
Influenza	22,009	2.1%
Fluid and Electrolyte Disorder	133,845	12.7%

Table 1d. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort with no Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the Prior 365 Days in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Gallstones	27,720	2.6%
Glaucoma	100,064	9.5%
Graves' Disease	4,585	0.4%
Hashimoto's Thyroiditis	20,328	1.9%
Hemiplegia	10,600	1.0%
Hemolytic Uremic Syndrome	33	0.0%
Herpes	32,288	3.1%
Histoplasmosis	958	0.1%
Human Immunodeficiency Virus (HIV) and Acquired Immunodeficiency Syndrome (AIDs)	5,342	0.5%
Human Papillomavirus (HPV) Deoxyribonucleic Acid (DNA) Test	0	0.0%
Hyperparathyroidism	17,223	1.6%
Inflammatory Bowel Disease	12,363	1.2%
Kawasaki Disease	17	0.0%
Liver Disease Cirrhosis and Other Liver Conditions	134,081	12.7%
Systemic Lupus Erythematosus	8,149	0.8%
Metastatic Cancer	9,293	0.9%
Migraine	65,246	6.2%
Multiple Sclerosis	5,226	0.5%
Mumps	46	0.0%
Myasthenia Gravis	1,695	0.2%
Organ Transplantation	4,561	0.4%
Parvovirus B19	33	0.0%
Peripheral Vascular Disease	143,445	13.6%
Pneumocytosis	99	0.0%
Psoriatic Arthritis	9,404	0.9%
Pulmonary Circulation Disorder	30,222	2.9%
Pulmonary Disease	222,092	21.1%
Reye's Syndrome	*****	*****
Rheumatoid Arthritis Osteoarthritis	404,446	38.4%
Schizophrenia and Other Pyschotic Disorders	19,566	1.9%
Tobacco Use	104,320	9.9%
Type 1 Diabetes Mellitus	43,188	4.1%
Vasculitis	2,676	0.3%
Weight Loss	8,292	0.8%
Mammogram	353,359	33.6%
Colonoscopy	242,416	23.0%
Pap Smear	133,463	12.7%
Prostate-Specific Antigen (PSA) Test	214,355	20.4%

Table 1d. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort with no Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the Prior 365 Days in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Medical Product Use [-400, 0]⁴	Number	Percent
Ozempic on index date	943,064	89.6%
Wegovy on index date	109,091	10.4%
Insulin	259,151	24.6%
Glucagon-like peptide-1 (GLP-1) receptor agonists	3,910	0.4%
Metformin	579,094	55.0%
Sulfonylureas	211,298	20.1%
Glinides	7,761	0.7%
Other antidiabetics	244,988	23.3%
Statins	666,367	63.3%
Resmetirom	0	0.0%
Ursodiol	2,515	0.2%
Gout medications	67,770	6.4%
Oxicam medications	114,486	10.9%
Sertraline	76,472	7.3%
Sulfa antibiotics	113,552	10.8%
Health Service Utilization Intensity Metrics [-400, 0]	Mean	Standard Deviation
Mean number of ambulatory encounters	24.1	23.4
Mean number of emergency room encounters	0.6	1.6
Mean number of non-acute institutional encounters	0.0	0.3
Mean number of other ambulatory encounters	7.2	16.0
Mean number of filled prescriptions	47.8	38.6
Mean number of generics dispensed	13.5	6.8
Mean number of unique drug classes dispensed	11.8	5.8

¹All metrics are based on total number of episodes per cohort, except for sex and race which are based on total number of unique patients; each baseline characteristic table represents one cohort.

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

³Gagne 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.

⁴The assessment period for 'Medical Product Use' is from 400 days prior to index date to the index date, except for Ozempic and Wegovy, which are assessed on the index date.

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

Table 1e. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Patient Characteristics ¹		Number	Percent
Unique patients		26,753	
Episodes		27,083	100.0%
Demographic Characteristics		Mean	Standard Deviation
Age (years)		61.3	10.6
Age		Number	Percent
18-24 years		163	0.6%
25-34 years		738	2.7%
35-44 years		2,158	8.0%
45-54 years		4,603	17.0%
55-64 years		6,701	24.7%
65-74 years		10,106	37.3%
≥ 75 years		2,614	9.7%
Sex			
Female		17,313	64.7%
Male		9,440	35.3%
Race ²			
American Indian or Alaska Native		191	0.7%
Asian		404	1.5%
Black or African American		1,055	3.9%
Multi-racial		270	1.0%
Native Hawaiian or Other Pacific Islander		34	0.1%
Unknown		6,367	23.8%
White		18,432	68.9%
Hispanic origin			
Yes		1,309	4.9%
No		18,093	67.6%
Unknown		7,351	27.5%
Year			
2017		0	0.0%
2018		404	1.5%
2019		1,770	6.5%
2020		2,116	7.8%
2021		3,676	13.6%
2022		5,142	19.0%
2023		9,466	35.0%
2024		4,509	16.6%
Health Characteristics [-400, 0]		Mean	Standard Deviation
Combined comorbidity score ³		4.1	2.9

Table 1e. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Type 2 Diabetes Mellitus	22,477	83.0%
Obesity	20,940	77.3%
Metabolic Dysfunction-Associated Steatohepatitis (MASH)	27,083	100.0%
Complicated Diabetes	14,111	52.1%
Acute Myocardial Infarction	724	2.7%
Arrhythmia	6,693	24.7%
Ischemic Heart Disease	7,221	26.7%
Heart Failure and Non-Ischemic Heart Disease	4,153	15.3%
Hyperlipidemia	22,937	84.7%
Hypertension	22,999	84.9%
Stroke/Transient Ischemic Attack	1,490	5.5%
Chronic Kidney Disease	7,754	28.6%
End Stage Renal Disease	1,201	4.4%
Acute Lymphoblastic Leukemia	20	0.1%
Addison's Disease	259	1.0%
Alcohol Use Disorders	1,370	5.1%
Alzheimer's Disease	84	0.3%
Anemia	8,744	32.3%
Anxiety Disorders	9,710	35.9%
Bacterial Infection	8,370	30.9%
Cancer	3,841	14.2%
Cataract	7,721	28.5%
Celiac Disease	209	0.8%
Chemotherapy	180	0.7%
Coagulopathy	4,925	18.2%
Coxsackie Disease	21	0.1%
Cystic Fibrosis	12	0.0%
Cytomegalovirus	107	0.4%
Degenerative Disease of Central Nervous System	3,687	13.6%
Depression Bipolar or Other Mood Disorders	10,360	38.3%
Dementia	554	2.0%
Drug Use Disorder	1,740	6.4%
Durable Medical Equipment	1,162	4.3%
Epstein Barr Disease	24	0.1%
Fecal Occult Blood Test	1,348	5.0%
Influenza	598	2.2%
Fluid and Electrolyte Disorder	5,659	20.9%

Table 1e. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Gallstones	2,426	9.0%
Glaucoma	3,143	11.6%
Graves' Disease	143	0.5%
Hashimoto's Thyroiditis	757	2.8%
Hemiplegia	332	1.2%
Hemolytic Uremic Syndrome	0	0.0%
Herpes	996	3.7%
Histoplasmosis	38	0.1%
Human Immunodeficiency Virus (HIV) and Acquired Immunodeficiency Syndrome (AIDs)	207	0.8%
Human Papillomavirus (HPV) Deoxyribonucleic Acid (DNA) Test	0	0.0%
Hyperparathyroidism	661	2.4%
Inflammatory Bowel Disease	717	2.6%
Kawasaki Disease	*****	*****
Liver Disease Cirrhosis and Other Liver Conditions	27,083	100.0%
Systemic Lupus Erythematosus	459	1.7%
Metastatic Cancer	350	1.3%
Migraine	2,371	8.8%
Multiple Sclerosis	190	0.7%
Mumps	*****	*****
Myasthenia Gravis	64	0.2%
Organ Transplantation	451	1.7%
Parvovirus B19	*****	*****
Peripheral Vascular Disease	4,600	17.0%
Pneumocytosis	*****	*****
Psoriatic Arthritis	567	2.1%
Pulmonary Circulation Disorder	1,286	4.7%
Pulmonary Disease	7,935	29.3%
Reye's Syndrome	0	0.0%
Rheumatoid Arthritis Osteoarthritis	13,383	49.4%
Schizophrenia and Other Psychotic Disorders	725	2.7%
Tobacco Use	2,889	10.7%
Type 1 Diabetes Mellitus	1,445	5.3%
Vasculitis	148	0.5%
Weight Loss	494	1.8%
Mammogram	11,004	40.6%
Colonoscopy	8,225	30.4%
Pap Smear	3,302	12.2%
Prostate-Specific Antigen (PSA) Test	5,056	18.7%

Table 1e. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Only Analysis Cohort with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Medical Product Use [-400, 0]⁴	Number	Percent
Ozempic on index date	25,677	94.8%
Wegovy on index date	1,406	5.2%
Insulin	9,465	34.9%
Glucagon-like peptide-1 (GLP-1) receptor agonists	6,897	25.5%
Metformin	16,385	60.5%
Sulfonylureas	5,762	21.3%
Glinides	261	1.0%
Other antidiabetics	7,815	28.9%
Statins	18,020	66.5%
Resmetirom	*****	*****
Ursodiol	620	2.3%
Gout medications	2,388	8.8%
Oxicam medications	2,828	10.4%
Sertraline	2,115	7.8%
Sulfa antibiotics	3,838	14.2%
Health Service Utilization Intensity Metrics [-400, 0]	Mean	Standard Deviation
Mean number of ambulatory encounters	34.5	26.0
Mean number of emergency room encounters	1.0	2.6
Mean number of non-acute institutional encounters	0.1	0.4
Mean number of other ambulatory encounters	10.7	18.7
Mean number of filled prescriptions	63.4	47.7
Mean number of generics dispensed	17.2	8.3
Mean number of unique drug classes dispensed	14.6	6.8

¹All metrics are based on total number of episodes per cohort, except for sex and race which are based on total number of unique patients; each baseline characteristic table represents one cohort.

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

³Gagne 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.

⁴The assessment period for 'Medical Product Use' is from 400 days prior to index date to the index date, except for Ozempic and Wegovy, which are assessed on the index date.

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

Table 1f. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Patient Characteristics¹	Number	Percent
Unique patients	20,880	
Episodes	21,095	100.0%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	61.1	10.6
Age	Number	Percent
18-24 years	124	0.6%
25-34 years	577	2.7%
35-44 years	1,686	8.0%
45-54 years	3,702	17.5%
55-64 years	5,206	24.7%
65-74 years	7,897	37.4%
≥ 75 years	1,903	9.0%
Sex		
Female	13,587	65.1%
Male	7,293	34.9%
Race ²		
American Indian or Alaska Native	147	0.7%
Asian	299	1.4%
Black or African American	823	3.9%
Multi-racial	212	1.0%
Native Hawaiian or Other Pacific Islander	29	0.1%
Unknown	4,919	23.6%
White	14,451	69.2%
Hispanic origin		
Yes	1,006	4.8%
No	14,177	67.9%
Unknown	5,697	27.3%
Year		
2017	0	0.0%
2018	383	1.8%
2019	1,671	7.9%
2020	2,013	9.5%
2021	3,300	15.6%
2022	4,924	23.3%
2023	8,650	41.0%
2024	154	0.7%
Health Characteristics [-400, 0]	Mean	Standard Deviation
Combined comorbidity score ³	4.0	2.9

Table 1f. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Type 2 Diabetes Mellitus	17,540	83.1%
Obesity	16,326	77.4%
Metabolic Dysfunction-Associated Steatohepatitis (MASH)	21,095	100.0%
Complicated Diabetes	10,941	51.9%
Acute Myocardial Infarction	539	2.6%
Arrhythmia	5,097	24.2%
Ischemic Heart Disease	5,468	25.9%
Heart Failure and Non-Ischemic Heart Disease	3,107	14.7%
Hyperlipidemia	17,880	84.8%
Hypertension	17,883	84.8%
Stroke/Transient Ischemic Attack	1,128	5.3%
Chronic Kidney Disease	5,918	28.1%
End Stage Renal Disease	910	4.3%
Acute Lymphoblastic Leukemia	14	0.1%
Addison's Disease	199	0.9%
Alcohol Use Disorders	1,030	4.9%
Alzheimer's Disease	68	0.3%
Anemia	6,776	32.1%
Anxiety Disorders	7,543	35.8%
Bacterial Infection	6,466	30.7%
Cancer	2,945	14.0%
Cataract	6,055	28.7%
Celiac Disease	157	0.7%
Chemotherapy	131	0.6%
Coagulopathy	3,723	17.6%
Coxsackie Disease	17	0.1%
Cystic Fibrosis	*****	*****
Cytomegalovirus	88	0.4%
Degenerative Disease of Central Nervous System	2,852	13.5%
Depression Bipolar or Other Mood Disorders	8,107	38.4%
Dementia	418	2.0%
Drug Use Disorder	1,343	6.4%
Durable Medical Equipment	839	4.0%
Epstein Barr Disease	16	0.1%
Fecal Occult Blood Test	1,081	5.1%
Influenza	443	2.1%
Fluid and Electrolyte Disorder	4,274	20.3%

Table 1f. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Health Characteristics [-400, 0]	Number	Percent
Gallstones	1,887	8.9%
Glaucoma	2,501	11.9%
Graves' Disease	114	0.5%
Hashimoto's Thyroiditis	600	2.8%
Hemiplegia	258	1.2%
Hemolytic Uremic Syndrome	0	0.0%
Herpes	804	3.8%
Histoplasmosis	31	0.1%
Human Immunodeficiency Virus (HIV) and Acquired Immunodeficiency Syndrome (AIDs)	154	0.7%
Human Papillomavirus (HPV) Deoxyribonucleic Acid (DNA) Test	0	0.0%
Hyperparathyroidism	487	2.3%
Inflammatory Bowel Disease	564	2.7%
Kawasaki Disease	*****	*****
Liver Disease Cirrhosis and Other Liver Conditions	21,095	100.0%
Systemic Lupus Erythematosus	343	1.6%
Metastatic Cancer	259	1.2%
Migraine	1,849	8.8%
Multiple Sclerosis	141	0.7%
Mumps	*****	*****
Myasthenia Gravis	43	0.2%
Organ Transplantation	354	1.7%
Parvovirus B19	*****	*****
Peripheral Vascular Disease	3,439	16.3%
Pneumocytosis	*****	*****
Psoriatic Arthritis	437	2.1%
Pulmonary Circulation Disorder	974	4.6%
Pulmonary Disease	6,099	28.9%
Reye's Syndrome	0	0.0%
Rheumatoid Arthritis Osteoarthritis	10,362	49.1%
Schizophrenia and Other Psychotic Disorders	569	2.7%
Tobacco Use	2,183	10.3%
Type 1 Diabetes Mellitus	1,179	5.6%
Vasculitis	117	0.6%
Weight Loss	366	1.7%
Mammogram	8,596	40.7%
Colonoscopy	6,354	30.1%
Pap Smear	2,619	12.4%
Prostate-Specific Antigen (PSA) Test	3,942	18.7%

Table 1f. Aggregated Characteristics of Subcutaneous Semaglutide Tree-Temporal Analysis Cohort with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

Medical Product Use [-400, 0]⁴	Number	Percent
Ozempic on index date	20,198	95.7%
Wegovy on index date	897	4.3%
Insulin	7,559	35.8%
Glucagon-like peptide-1 (GLP-1) receptor agonists	4,974	23.6%
Metformin	12,942	61.4%
Sulfonylureas	4,575	21.7%
Glinides	196	0.9%
Other antidiabetics	6,065	28.8%
Statins	13,954	66.1%
Resmetirom	0	0.0%
Ursodiol	491	2.3%
Gout medications	1,870	8.9%
Oxicam medications	2,193	10.4%
Sertraline	1,660	7.9%
Sulfa antibiotics	2,997	14.2%
Health Service Utilization Intensity Metrics [-400, 0]	Mean	Standard Deviation
Mean number of ambulatory encounters	34.5	26.1
Mean number of emergency room encounters	1.0	2.5
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	10.4	18.3
Mean number of filled prescriptions	63.5	47.8
Mean number of generics dispensed	17.1	8.2
Mean number of unique drug classes dispensed	14.6	6.8

¹All metrics are based on total number of episodes per cohort, except for sex and race which are based on total number of unique patients; each baseline characteristic table represents one cohort.

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

³Gagne 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.

⁴The assessment period for 'Medical Product Use' is from 400 days prior to index date to the index date, except for Ozempic and Wegovy, which are assessed on the index date.

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

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Total Node								
Node Name	Node ID	Node Level	Outcomes Among	Node Outcomes	Expected Node	Relative	Test	P-Value
			Risk and Control	Semaglutide	Outcomes Among		Statistic ²	
Groups Initiators Exposure Initiators Risk								
Inpatient or Emergency Department Setting								
Nausea And Vomiting	R11grp	3	10,137	6,581	5,242	1.26	367.11	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	5,386	3,751	2,785	1.35	361.13	0.0001
Nausea With Vomiting Unspecified	R112grp	4	5,386	3,751	2,785	1.35	361.13	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	1,171	923	606	1.53	185.04	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	574	503	297	1.7	168.78	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	1,728	1,218	894	1.36	126.57	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	4,603	2,889	2,380	1.22	115.07	0.0001
Diarrhea Unspecified	R197grp	4	4,014	2,536	2,076	1.22	108.01	0.0001
Diarrhea Unspecified	R197ngrp	5	4,014	2,536	2,076	1.22	108.01	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	2,715	1,764	1,404	1.26	97.86	0.0001
Abdominal And Pelvic Pain	R10grp	3	9,900	5,756	5,119	1.13	83.93	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	2,420	1,556	1,251	1.24	78.42	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	2,420	1,556	1,251	1.24	78.42	0.0001
Volume Depletion	E86grp	3	7,418	4,325	3,836	1.13	65.84	0.0001
Other Functional Intestinal Disorders	K59grp	3	4,005	2,429	2,071	1.17	65.17	0.0001
Constipation	K590grp	4	3,832	2,319	1,981	1.17	60.49	0.0001
Vomiting	R111grp	4	1,565	1,023	809	1.27	59.76	0.0001
Constipation Unspecified	K5900grp	5	3,369	2,052	1,742	1.18	58.00	0.0001
Vomiting Unspecified	R1110grp	5	1,432	936	740	1.26	54.63	0.0001
Dehydration	E860ngrp	5	5,987	3,496	3,096	1.13	54.46	0.0001
Dehydration	E860grp	4	5,987	3,496	3,096	1.13	54.46	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	542	391	280	1.4	47.18	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	1,036	683	536	1.28	42.89	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	1,036	683	536	1.28	42.89	0.0001
Pain Localized To Upper Abdomen	R101grp	4	2,476	1,482	1,280	1.16	33.31	0.0001
Other Abdominal Pain	R108grp	4	1,386	867	717	1.21	33.15	0.0001
Other Diseases Stomach And Duodenum	K31grp	3	1,170	736	605	1.22	29.84	0.0001
Gastritis And Duodenitis	K29grp	3	1,596	977	825	1.18	29.27	0.0001
Paralytic ileus and intestinal obstruction without hernia	K56grp	3	1,273	791	658	1.2	28.12	0.0001
Hypotension	I95grp	3	3,936	2,265	2,035	1.11	27.17	0.0001
Generalized Abdominal Pain	R1084grp	5	1,166	726	603	1.2	26.39	0.0001
Epigastric Pain	R1013grp	5	1,180	733	610	1.2	25.97	0.0001
Diverticular Disease Of Intestine	K57grp	3	2,857	1,659	1,477	1.12	23.38	0.0001
Other Diseases Of Digestive System	K92grp	3	1,647	987	852	1.16	22.53	0.0001
Unspecified Abdominal Pain	R109ngrp	5	3,375	1,937	1,745	1.11	22.07	0.0001
Unspecified Abdominal Pain	R109grp	4	3,375	1,937	1,745	1.11	22.07	0.0001
Other specified diseases of stomach and duodenum	K318grp	4	918	572	475	1.21	20.95	0.0001
Other Diseases Of Intestine	K63grp	3	959	593	496	1.2	19.96	0.0001
Gastroparesis	K3184grp	5	457	303	236	1.28	19.93	0.0001
Other Diseases Of Pancreas	K86grp	3	520	340	269	1.26	19.87	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	140	108	72	1.49	19.27	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	140	108	72	1.49	19.27	0.0001
Acute Pancreatitis	K85grp	3	625	400	323	1.24	19.23	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	44	41	23	1.8	18.27	0.0001
Other Specified Diseases Intestine	K638grp	4	580	372	300	1.24	18.26	0.0001
Flatulence And Related Conditions	R14grp	3	1,099	667	568	1.17	17.96	0.0001
Calculus Of Kidney And Ureter	N20grp	3	1,984	1,158	1,026	1.13	17.78	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other Specified Diseases Intestine	K6389grp	5	575	368	297	1.24	17.69	0.0001
Ileus Unspecified	K567grp	4	427	281	221	1.27	17.36	0.0001
Ileus Unspecified	K567ngrp	5	427	281	221	1.27	17.36	0.0001
Acute Kidney Failure	N17grp	3	9,104	4,985	4,708	1.06	17.24	0.0001
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	41	38	21	1.79	16.52	0.0001
Nausea	R110ngrp	5	3,186	1,807	1,647	1.1	16.16	0.0002
Nausea	R110grp	4	3,186	1,807	1,647	1.1	16.16	0.0002
Anorexia	R630ngrp	5	352	234	182	1.29	15.73	0.0003
Anorexia	R630grp	4	352	234	182	1.29	15.73	0.0003
Fracture Of Femur	S72grp	3	434	282	224	1.26	15.59	0.0003
Severe Sepsis With Septic Shock	R6521grp	5	608	382	314	1.22	15.28	0.0003
Pneumonitis due to inhalation of food and vomit	J690ngrp	5	612	384	316	1.21	15.14	0.0003
Pneumonitis due to inhalation of food and vomit	J690grp	4	612	384	316	1.21	15.14	0.0003
Pneumonitis due to solids and liquids	J69grp	3	624	390	323	1.21	14.76	0.0004
Acute Kidney Failure Unspecified	N179ngrp	5	8,251	4,511	4,266	1.06	14.75	0.0004
Acute Kidney Failure Unspecified	N179grp	4	8,251	4,511	4,266	1.06	14.75	0.0004
Orthostatic Hypotension	I951ngrp	5	763	469	395	1.19	14.73	0.0004
Orthostatic Hypotension	I951grp	4	763	469	395	1.19	14.73	0.0004
Other Specified Diseases Pancreas	K8689grp	5	271	184	140	1.31	14.60	0.0005
Calculus Of Kidney	N200ngrp	5	1,398	822	723	1.14	14.20	0.0008
Calculus Of Kidney	N200grp	4	1,398	822	723	1.14	14.20	0.0008
Gastritis Unspecified	K297grp	4	759	465	392	1.19	14.05	0.0008
Other Disorders Of Brain	G93grp	3	3,293	1,853	1,703	1.09	13.85	0.0008
Diverticular disease of large intestine without perforation or abscess	K573grp	4	1,986	1,143	1,027	1.11	13.70	0.0008
Gastritis, unspecified, without bleeding	K2970grp	5	673	415	348	1.19	13.53	0.0009
Abdominal Distension Gaseous	R140ngrp	5	981	588	507	1.16	13.44	0.0009
Abdominal Distension Gaseous	R140grp	4	981	588	507	1.16	13.44	0.0009
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	266	179	138	1.3	13.26	0.001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Shock Not Elsewhere Classified	R57grp	3	792	481	410	1.17	13.06	0.0012
Toxic Gastroenteritis And Colitis	K521grp	4	163	116	84	1.38	12.82	0.0013
Toxic Gastroenteritis And Colitis	K521ngrp	5	163	116	84	1.38	12.82	0.0013
Hypotension Unspecified	I959ngrp	5	2,606	1,473	1,348	1.09	12.20	0.0017
Hypotension Unspecified	I959grp	4	2,606	1,473	1,348	1.09	12.20	0.0017
Other Specified Diseases Pancreas	K868grp	4	279	185	144	1.28	12.17	0.0017
Fracture Of Shaft Of Femur	S723grp	4	33	30	17	1.76	11.92	0.0023
Polyp Of Stomach And Duodenum	K317ngrp	5	104	78	54	1.45	11.89	0.0024
Polyp Of Stomach And Duodenum	K317grp	4	104	78	54	1.45	11.89	0.0024
Acute Pancreatitis Unspecified	K859grp	4	420	266	217	1.23	11.54	0.0037
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	412	261	213	1.23	11.35	0.0047
Elevated White Blood Cell Count	D7282grp	5	4,536	2,504	2,345	1.07	11.21	0.0066
Symptoms and signs specifically associated with systemic inflammation and infection	R65grp	3	2,674	1,504	1,383	1.09	11.11	0.0072
Other & Unspecified Encephalopathy	G934grp	4	2,382	1,346	1,232	1.09	11.07	0.0073
Hypokalemia	E876ngrp	5	3,306	1,843	1,709	1.08	10.89	0.0082
Hypokalemia	E876grp	4	3,306	1,843	1,709	1.08	10.89	0.0082
Hematemesis	K920ngrp	5	317	205	164	1.25	10.86	0.0082
Hematemesis	K920grp	4	317	205	164	1.25	10.86	0.0082
Upper Abdominal Pain, Unspecified	R1010grp	5	300	195	155	1.26	10.81	0.0083
Severe Sepsis	R652grp	4	1,975	1,123	1,021	1.1	10.58	0.0101
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933ngrp	5	255	168	132	1.27	10.48	0.013
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933grp	4	255	168	132	1.27	10.48	0.013
Cholelithiasis	K80grp	3	1,846	1,052	955	1.1	10.38	0.0142
Other specified disorders of white blood cells	D728grp	4	4,842	2,661	2,504	1.06	10.34	0.0147
Other Diseases Of Gallbladder	K82grp	3	711	427	368	1.16	10.02	0.0175
Other Disorders White Blood Cells	D72grp	3	4,961	2,721	2,565	1.06	9.90	0.02
Disease Of Pancreas Unspecified	K869ngrp	5	79	60	41	1.47	9.82	0.0277

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Disease Of Pancreas Unspecified	K869grp	4	79	60	41	1.47	9.82	0.0277
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	1,577	903	815	1.11	9.81	0.0279
Melena	K921grp	4	758	452	392	1.15	9.61	0.0314
Melena	K921ngrp	5	758	452	392	1.15	9.61	0.0314
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129ngrp	5	3,735	2,064	1,931	1.07	9.52	0.0331
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129grp	4	3,735	2,064	1,931	1.07	9.52	0.0331
Hypovolemia	E861ngrp	5	845	500	437	1.14	9.51	0.0331
Hypovolemia	E861grp	4	845	500	437	1.14	9.51	0.0331
Inpatient, Emergency Department, or Outpatient Setting								
Nausea And Vomiting	R11grp	3	26,531	17,344	12,770	1.36	1611.14	0.0001
Nausea With Vomiting Unspecified	R112grp	4	10,539	7,252	5,073	1.43	923.14	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	10,539	7,252	5,073	1.43	923.14	0.0001
Nausea	R110grp	4	12,621	7,880	6,075	1.3	522.73	0.0001
Nausea	R110ngrp	5	12,621	7,880	6,075	1.3	522.73	0.0001
Other functional intestinal disorders	K59grp	3	17,080	9,889	8,221	1.2	328.57	0.0001
Constipation	K590grp	4	16,294	9,462	7,842	1.21	324.57	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	2,874	2,047	1,383	1.48	315.25	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	3,699	2,485	1,780	1.4	273.31	0.0001
Constipation Unspecified	K5900grp	5	11,702	6,872	5,632	1.22	264.59	0.0001
Volume Depletion	E86grp	3	9,881	5,795	4,756	1.22	220.04	0.0001
Age-Related Cataract	H25grp	3	28,654	15,556	13,791	1.13	219.47	0.0001
Vomiting	R111grp	4	3,371	2,212	1,622	1.36	209.20	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Disorders Refraction Accommodation	H52grp	3	31,263	16,802	15,047	1.12	199.07	0.0001
Abdominal And Pelvic Pain	R10grp	3	34,404	18,388	16,559	1.11	196.70	0.0001
Vomiting Unspecified	R1110grp	5	2,995	1,976	1,442	1.37	193.68	0.0001
Dehydration	E860ngrp	5	8,171	4,811	3,933	1.22	189.98	0.0001
Dehydration	E860grp	4	8,171	4,811	3,933	1.22	189.98	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	825	661	397	1.66	179.61	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	20,376	11,140	9,807	1.14	175.65	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	1,985	1,354	955	1.42	163.28	0.0001
Diarrhea Unspecified	R197ngrp	5	13,278	7,423	6,391	1.16	161.39	0.0001
Diarrhea Unspecified	R197grp	4	13,278	7,423	6,391	1.16	161.39	0.0001
Abnormal and inconclusive findings on diagnostic imaging of breast	R92grp	3	11,909	6,609	5,732	1.15	129.85	0.0001
Acute Kidney Failure	N17grp	3	12,369	6,830	5,953	1.15	124.91	0.0001
Diverticular Disease Of Intestine	K57grp	3	18,960	10,189	9,126	1.12	120.07	0.0001
Age-Related Nuclear Cataract	H251grp	4	17,436	9,411	8,392	1.12	119.82	0.0001
Acute Kidney Failure Unspecified	N179grp	4	11,299	6,239	5,438	1.15	114.02	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	11,299	6,239	5,438	1.15	114.02	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	7,229	4,119	3,479	1.18	113.69	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	1,044	740	502	1.47	110.96	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	1,044	740	502	1.47	110.96	0.0001
Other disorders of kidney and ureter, not elsewhere classified	N28grp	3	12,936	7,065	6,226	1.14	109.32	0.0001
Diverticular disease of large intestine without perforation or abscess	K573grp	4	15,473	8,362	7,447	1.12	108.76	0.0001
Age-related nuclear cataract, bilateral	H2513grp	5	15,650	8,442	7,532	1.12	106.31	0.0001
Hypotension	I95grp	3	7,220	4,073	3,475	1.17	99.45	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	1,367	914	658	1.39	97.52	0.0001
Cyst Of Kidney Acquired	N281grp	4	6,625	3,755	3,189	1.18	97.22	0.0001
Cyst Of Kidney Acquired	N281ngrp	5	6,625	3,755	3,189	1.18	97.22	0.0001
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	14,512	7,822	6,985	1.12	97.12	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	6,192	3,523	2,980	1.18	95.53	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	6,192	3,523	2,980	1.18	95.53	0.0001
Cholelithiasis	K80grp	3	5,625	3,222	2,707	1.19	94.57	0.0001
Other specified disorders of bone density and structure	M858grp	4	11,457	6,209	5,514	1.13	84.61	0.0001
Calculus of gallbladder without cholecystitis without obstruction	K8020grp	5	4,569	2,637	2,199	1.2	84.29	0.0001
Calculus of gallbladder without cholecystitis	K802grp	4	4,600	2,652	2,214	1.2	83.75	0.0001
Other disorders of bone density and structure	M85grp	3	12,098	6,529	5,823	1.12	82.80	0.0001
Seborrheic Keratosis	L82grp	3	21,522	11,288	10,359	1.09	80.83	0.0001
Spondylosis	M47grp	3	22,367	11,712	10,765	1.09	80.72	0.0001
Dry Eye Syndrome	H0412grp	5	14,260	7,615	6,863	1.11	79.62	0.0001
Other Disorders Of Lacrimal Gland	H041grp	4	14,286	7,626	6,876	1.11	79.15	0.0001
Disorders Of Lacrimal System	H04grp	3	14,923	7,940	7,183	1.11	77.29	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	1,520	969	732	1.32	74.95	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	1,520	969	732	1.32	74.95	0.0001
Other Abdominal Pain	R108grp	4	4,257	2,439	2,049	1.19	71.75	0.0001
Other Spondylosis	M478grp	4	18,200	9,565	8,760	1.09	71.68	0.0001
Spondylosis without myelopathy or radiculopathy	M4781grp	5	16,163	8,536	7,779	1.1	71.23	0.0001
Unspecified Abdominal Pain	R109ngrp	5	10,980	5,908	5,285	1.12	71.04	0.0001
Unspecified Abdominal Pain	R109grp	4	10,980	5,908	5,285	1.12	71.04	0.0001
Combine Forms Age-Relate Cataract	H2581grp	5	7,443	4,069	3,582	1.14	63.84	0.0001
Disorders Of Vitreous Body	H43grp	3	15,511	8,167	7,466	1.09	63.78	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other Age-Related Cataract	H258grp	4	7,606	4,150	3,661	1.13	63.13	0.0001
Abnormal findings on diagnostic imaging of other body structures	R93grp	3	12,761	6,774	6,142	1.1	62.89	0.0001
Glaucoma	H40grp	3	12,037	6,401	5,794	1.11	61.58	0.0001
Other Retinal Disorders	H35grp	3	15,417	8,107	7,420	1.09	61.49	0.0001
Paralytic ileus and intestinal obstruction without hernia	K56grp	3	2,053	1,238	988	1.25	61.19	0.0001
Skin changes due to chronic exposure to nonionizing radiation	L57grp	3	15,791	8,292	7,600	1.09	60.92	0.0001
Generalized Abdominal Pain	R1084grp	5	3,620	2,073	1,742	1.19	60.62	0.0001
Calculus Of Kidney And Ureter	N20grp	3	7,300	3,982	3,514	1.13	60.32	0.0001
Other Melanin Hyperpigmentation	L814grp	4	12,032	6,382	5,791	1.1	58.29	0.0001
Other Melanin Hyperpigmentation	L814ngrp	5	12,032	6,382	5,791	1.1	58.29	0.0001
Glaucoma Suspect	H400grp	4	10,016	5,359	4,821	1.11	58.06	0.0001
Other Disorders Of Pigmentation	L81grp	3	15,609	8,179	7,513	1.09	57.18	0.0001
Pain Localized To Upper Abdomen	R101grp	4	8,919	4,796	4,293	1.12	56.98	0.0001
Hypermetropia	H520grp	4	6,133	3,369	2,952	1.14	56.91	0.0001
Astigmatism	H522grp	4	8,158	4,394	3,927	1.12	53.75	0.0001
Presbyopia	H524grp	4	9,103	4,875	4,381	1.11	53.73	0.0001
Presbyopia	H524ngrp	5	9,103	4,875	4,381	1.11	53.73	0.0001
Hypotension Unspecified	I959ngrp	5	4,120	2,315	1,983	1.17	53.67	0.0001
Hypotension Unspecified	I959grp	4	4,120	2,315	1,983	1.17	53.67	0.0001
Elevated White Blood Cell Count	D7282grp	5	7,756	4,186	3,733	1.12	53.08	0.0001
Other Diseases Of Liver	K76grp	3	19,120	9,911	9,203	1.08	52.83	0.0001
Gastroparesis	K3184grp	5	1,509	925	726	1.27	52.70	0.0001
Drug Induced Constipation	K5903grp	5	909	590	438	1.35	51.80	0.0001
Calculus Of Kidney	N200ngrp	5	6,090	3,326	2,931	1.13	51.34	0.0001
Calculus Of Kidney	N200grp	4	6,090	3,326	2,931	1.13	51.34	0.0001
Other Seborrheic Keratosis	L821ngrp	5	14,395	7,533	6,928	1.09	51.03	0.0001
Other Seborrheic Keratosis	L821grp	4	14,395	7,533	6,928	1.09	51.03	0.0001
Other specified disorders of white blood cells	D728grp	4	8,696	4,654	4,185	1.11	50.66	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Mammographic density found on imaging of breast	R923grp	4	2,037	1,206	980	1.23	50.20	0.0001
Acquired Deformities Fingers & Toes	M20grp	3	8,099	4,341	3,898	1.11	48.59	0.0001
Other Diseases Stomach And Duodenum	K31grp	3	9,059	4,824	4,360	1.11	47.66	0.0001
Acute Pancreatitis	K85grp	3	1,002	636	482	1.32	47.64	0.0001
Other Disorders White Blood Cells	D72grp	3	9,161	4,875	4,409	1.11	47.52	0.0001
Gastritis And Duodenitis	K29grp	3	10,926	5,767	5,259	1.1	47.47	0.0001
Other Diseases Of Digestive System	K92grp	3	4,519	2,500	2,175	1.15	46.86	0.0001
Hepatomegaly and splenomegaly, not elsewhere classified	R16grp	3	5,760	3,139	2,772	1.13	46.81	0.0001
Other specified disorders of bone density and structure, thigh	M8585grp	5	2,798	1,602	1,347	1.19	46.74	0.0001
Epigastric Pain	R1013grp	5	4,471	2,474	2,152	1.15	46.52	0.0001
Hypermetropia Bilateral	H5203grp	5	4,946	2,718	2,381	1.14	46.17	0.0001
Other Disorders Of Vitreous Body	H438grp	4	10,167	5,372	4,893	1.1	45.21	0.0001
Tinea Unguium	B351grp	4	10,582	5,581	5,093	1.1	45.14	0.0001
Tinea Unguium	B351ngrp	5	10,582	5,581	5,093	1.1	45.14	0.0001
Other Diseases Of Pancreas	K86grp	3	2,199	1,279	1,058	1.21	44.43	0.0001
Other Disorders Of Brain	G93grp	3	5,603	3,048	2,697	1.13	44.15	0.0001
Diaphragmatic Hernia	K44grp	3	8,401	4,473	4,043	1.11	44.06	0.0001
Other Spondylopathies	M48grp	3	14,962	7,772	7,201	1.08	43.76	0.0001
Diaphragmatic hernia without obstruction or gangrene	K449grp	4	8,365	4,452	4,026	1.11	43.50	0.0001
Diaphragmatic hernia without obstruction or gangrene	K449ngrp	5	8,365	4,452	4,026	1.11	43.50	0.0001
Other Specified Diseases Intestine	K6389grp	5	3,053	1,726	1,469	1.17	43.25	0.0001
Vitreous Degeneration	H4381grp	5	9,476	5,012	4,561	1.1	43.10	0.0001
Other Specified Diseases Intestine	K638grp	4	3,089	1,744	1,487	1.17	42.97	0.0001
Hemorrhoids and perianal venous thrombosis	K64grp	3	15,815	8,183	7,612	1.08	41.47	0.0001
Other Diseases Of Intestine	K63grp	3	14,611	7,576	7,032	1.08	40.65	0.0001
Other specified diseases of stomach and duodenum	K318grp	4	5,573	3,017	2,682	1.13	40.30	0.0001
Regular Astigmatism	H5222grp	5	5,089	2,765	2,449	1.13	39.25	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928grp	4	4,943	2,689	2,379	1.13	38.95	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928ngrp	5	4,943	2,689	2,379	1.13	38.95	0.0001
Unspecified Lump In Breast	N63grp	3	5,673	3,060	2,730	1.12	38.38	0.0001
Other Diseases Of Gallbladder	K82grp	3	2,362	1,348	1,137	1.19	37.87	0.0001
Degeneration of macula and posterior pole	H353grp	4	9,011	4,747	4,337	1.09	37.42	0.0001
Other specified disorders of bone density and structure, multiple sites	M8589grp	5	2,753	1,549	1,325	1.17	36.53	0.0001
Other Disorders Of Eyelid	H02grp	3	7,829	4,145	3,768	1.1	36.39	0.0001
Age-Related Incipient Cataract	H250grp	4	3,183	1,772	1,532	1.16	36.28	0.0001
Other & Unspecified Encephalopathy	G934grp	4	2,759	1,550	1,328	1.17	35.84	0.0001
Syncope And Collapse	R55grp	3	7,676	4,064	3,695	1.1	35.67	0.0001
Syncope And Collapse	R55ngrp	5	7,676	4,064	3,695	1.1	35.67	0.0001
Syncope And Collapse	R55ngrp	4	7,676	4,064	3,695	1.1	35.67	0.0001
Other disorders of fluid, electrolyte and acid-base balance	E87grp	3	19,073	9,760	9,180	1.06	35.50	0.0001
Spinal Stenosis	M480grp	4	14,103	7,282	6,788	1.07	34.79	0.0001
Foreign body in stomach	T182Xgrp	5	304	218	146	1.49	34.79	0.0001
Foreign Body In Stomach	T182grp	4	304	218	146	1.49	34.79	0.0001
Hepatomegaly, not elsewhere classified	R160grp	4	3,784	2,076	1,821	1.14	34.37	0.0001
Hepatomegaly, not elsewhere classified	R160ngrp	5	3,784	2,076	1,821	1.14	34.37	0.0001
Other Sepsis	A41grp	3	5,832	3,121	2,807	1.11	33.90	0.0001
Abnormal results of cardiovascular function studies	R943grp	4	20,249	10,329	9,746	1.06	33.80	0.0001
Abnormal Electrocardiogram	R9431grp	5	17,153	8,792	8,256	1.07	33.71	0.0001
Other Specified Diseases Pancreas	K8689grp	5	986	603	475	1.27	33.68	0.0001
Other specified diseases of gallbladder	K828grp	4	1,429	842	688	1.22	33.43	0.0001
Other specified diseases of gallbladder	K828ngrp	5	1,429	842	688	1.22	33.43	0.0001
Other specified disorders of bone density and structure, other site	M8588grp	5	2,063	1,178	993	1.19	33.30	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Symptoms and signs specifically associated with systemic inflammation and infection	R65grp	3	2,926	1,627	1,408	1.16	32.77	0.0001
Ileus Unspecified	K567grp	4	498	329	240	1.37	32.50	0.0001
Ileus Unspecified	K567ngrp	5	498	329	240	1.37	32.50	0.0001
Nail Disorders	L60grp	3	10,123	5,275	4,872	1.08	32.16	0.0001
Other Specified Disorders Of Eyelid	H028grp	4	5,208	2,795	2,507	1.12	32.00	0.0001
Anorexia	R630grp	4	1,017	616	489	1.26	31.66	0.0001
Anorexia	R630ngrp	5	1,017	616	489	1.26	31.66	0.0001
Dermatophytosis	B35grp	3	15,404	7,905	7,414	1.07	31.46	0.0001
Other and unspecified injuries of head	S09grp	3	5,609	2,996	2,700	1.11	31.39	0.0001
Other skin changes due to chronic exposure to nonionizing radiation	L578ngrp	5	6,122	3,253	2,947	1.1	30.75	0.0001
Other skin changes due to chronic exposure to nonionizing radiation	L578grp	4	6,122	3,253	2,947	1.1	30.75	0.0001
Unspecified Injury Of Face And Head	S099grp	4	5,183	2,775	2,495	1.11	30.40	0.0001
Fatty (change of) liver, not elsewhere classified	K760grp	4	15,514	7,951	7,467	1.07	30.36	0.0001
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	15,514	7,951	7,467	1.07	30.36	0.0001
Acute Posthemorrhagic Anemia	D62ngrp	4	2,631	1,465	1,266	1.16	30.07	0.0001
Acute Posthemorrhagic Anemia	D62ngrp	5	2,631	1,465	1,266	1.16	30.07	0.0001
Acute Posthemorrhagic Anemia	D62grp	3	2,631	1,465	1,266	1.16	30.07	0.0001
Atrioventricular and left bundle-branch block	I44grp	3	5,915	3,144	2,847	1.1	29.91	0.0001
Foreign Body In Alimentary Tract	T18grp	3	593	379	285	1.33	29.85	0.0001
Weakness	R531ngrp	5	8,287	4,339	3,989	1.09	29.72	0.0001
Weakness	R531grp	4	8,287	4,339	3,989	1.09	29.72	0.0001
Inflamed Seborrheic Keratosis	L820grp	4	7,127	3,755	3,430	1.09	29.67	0.0001
Inflamed Seborrheic Keratosis	L820ngrp	5	7,127	3,755	3,430	1.09	29.67	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921grp	4	2,121	1,198	1,021	1.17	29.67	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921ngrp	5	2,121	1,198	1,021	1.17	29.67	0.0001
Obstructive And Reflux Uropathy	N13grp	3	4,908	2,631	2,362	1.11	29.49	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Abnormal findings on diagnostic imaging of lung	R91grp	3	15,183	7,777	7,308	1.06	29.16	0.0001
Severe Sepsis	R652grp	4	2,113	1,192	1,017	1.17	29.06	0.0001
Severe Sepsis With Septic Shock	R6521grp	5	662	416	319	1.31	28.90	0.0001
Hypokalemia	E876ngrp	5	5,633	2,996	2,711	1.11	28.86	0.0001
Hypokalemia	E876grp	4	5,633	2,996	2,711	1.11	28.86	0.0001
Unspecified Injury Of Head	S0990grp	5	4,631	2,487	2,229	1.12	28.82	0.0001
Other Specified Diseases Pancreas	K868grp	4	1,132	672	545	1.23	28.70	0.0001
Other Specified Disorders Of Breast	N6489grp	5	2,948	1,623	1,419	1.14	28.32	0.0001
Acute Pancreatitis Unspecified	K859grp	4	708	440	341	1.29	28.04	0.0001
Actinic Keratosis	L570ngrp	5	9,162	4,765	4,410	1.08	27.64	0.0001
Actinic Keratosis	L570grp	4	9,162	4,765	4,410	1.08	27.64	0.0001
Other Specified Disorders Of Breast	N648grp	4	2,990	1,642	1,439	1.14	27.59	0.0001
Unspecified Lump In Right Breast	N631grp	4	2,421	1,346	1,165	1.16	27.05	0.0001
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	690	428	332	1.29	26.86	0.0001
Shock Not Elsewhere Classified	R57grp	3	827	503	398	1.26	26.81	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	9,386	4,871	4,518	1.08	26.71	0.0001
Other Disorders Synovium And Tendon	M67grp	3	4,853	2,588	2,336	1.11	26.27	0.0001
Myopia Bilateral	H5213grp	5	5,222	2,775	2,513	1.1	26.27	0.0001
Myopia	H521grp	4	6,161	3,247	2,965	1.1	25.82	0.0001
Other Hammer Toes Acquired	M204grp	4	4,161	2,231	2,003	1.11	25.10	0.0001
Sepsis Unspecified Organism	A419grp	4	4,488	2,397	2,160	1.11	25.06	0.0001
Sepsis Unspecified Organism	A419ngrp	5	4,488	2,397	2,160	1.11	25.06	0.0001
Other Diseases Of Biliary Tract	K83grp	3	1,239	719	596	1.21	24.37	0.0001
Other Constipation	K5909grp	5	2,075	1,157	999	1.16	24.20	0.0001
Mammographic fibroglandular density of breast	R9232grp	5	1,129	660	543	1.21	24.18	0.0001
Orthostatic Hypotension	I951ngrp	5	1,993	1,114	959	1.16	24.09	0.0001
Orthostatic Hypotension	I951grp	4	1,993	1,114	959	1.16	24.09	0.0001
Other specified erythematous conditions	L538ngrp	5	5,736	3,023	2,761	1.1	24.03	0.0001
Other specified erythematous conditions	L538grp	4	5,736	3,023	2,761	1.1	24.03	0.0001
Sensorineural Hear Loss Bilateral	H903ngrp	5	6,566	3,439	3,160	1.09	23.72	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Sensorineural Hear Loss Bilateral	H903grp	4	6,566	3,439	3,160	1.09	23.72	0.0001
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51grp	3	18,090	9,168	8,707	1.05	23.66	0.0001
Viral and other specified intestinal infections	A08grp	3	1,390	797	669	1.19	23.64	0.0001
Other degenerative diseases of nervous system, not elsewhere classified	G31grp	3	3,407	1,840	1,640	1.12	23.57	0.0001
Corns And Callosities	L84nnggrp	5	5,527	2,914	2,660	1.1	23.36	0.0001
Corns And Callosities	L84nggrp	4	5,527	2,914	2,660	1.1	23.36	0.0001
Corns And Callosities	L84grp	3	5,527	2,914	2,660	1.1	23.36	0.0001
Abnormal Results Function Studies	R94grp	3	27,418	13,757	13,196	1.04	23.13	0.0001
Difficulty in walking, not elsewhere classified	R262nggrp	5	4,745	2,517	2,284	1.1	22.97	0.0001
Difficulty in walking, not elsewhere classified	R262grp	4	4,745	2,517	2,284	1.1	22.97	0.0001
Mammographic heterogeneous density of breast	R9233grp	5	381	249	183	1.36	22.90	0.0001
Hematemesis	K920nggrp	5	477	303	230	1.32	22.82	0.0001
Hematemesis	K920grp	4	477	303	230	1.32	22.82	0.0001
Abnormal Weight Loss	R634nggrp	5	2,862	1,558	1,378	1.13	22.81	0.0001
Abnormal Weight Loss	R634grp	4	2,862	1,558	1,378	1.13	22.81	0.0001
Cortical Age-Related Cataract	H2501grp	5	1,903	1,063	916	1.16	22.78	0.0001
Muscle Weakness Generalized	M6281grp	5	7,448	3,875	3,585	1.08	22.68	0.0001
Hypovolemia	E861nggrp	5	980	576	472	1.22	22.30	0.0001
Hypovolemia	E861grp	4	980	576	472	1.22	22.30	0.0001
Other Erythematous Conditions	L53grp	3	6,691	3,493	3,220	1.08	22.26	0.0001
Upper Abdominal Pain, Unspecified	R1010grp	5	904	535	435	1.23	22.18	0.0001
Abnormalities Of Gait And Mobility	R26grp	3	14,421	7,339	6,941	1.06	22.09	0.0001
Other Cerebrovascular Diseases	I67grp	3	4,756	2,518	2,289	1.1	22.08	0.0001
Acute Pain Not Elsewhere Classified	G891grp	4	4,431	2,353	2,133	1.1	21.95	0.0001
Viral Intestinal Infection Unspec	A084grp	4	1,165	673	561	1.2	21.71	0.0001
Viral Intestinal Infection Unspec	A084nggrp	5	1,165	673	561	1.2	21.71	0.0001
Other Cataract	H26grp	3	8,867	4,577	4,268	1.07	21.64	0.0001
Secondary Cataract	H264grp	4	5,891	3,087	2,835	1.09	21.54	0.0001
Other Specified Diseases Of Liver	K7689grp	5	1,976	1,096	951	1.15	21.30	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	2,757	1,498	1,327	1.13	21.26	0.0001
Other specified and unspecified injuries of neck	S19grp	3	2,392	1,310	1,151	1.14	21.10	0.0001
Other Secondary Cataract	H2649grp	5	5,737	3,006	2,761	1.09	20.93	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	62	54	30	1.81	20.90	0.0001
Other Specified Disorders Bladder	N3289grp	5	2,021	1,117	973	1.15	20.64	0.0001
Shoulder Lesions	M75grp	3	9,248	4,758	4,451	1.07	20.43	0.0001
Pneumonitis due to solids and liquids	J69grp	3	739	442	356	1.24	20.26	0.0001
Other nonspecific abnormal finding of lung field	R918grp	4	11,507	5,879	5,538	1.06	20.24	0.0001
Other nonspecific abnormal finding of lung field	R918ngrp	5	11,507	5,879	5,538	1.06	20.24	0.0001
Other Hemorrhoids	K648grp	4	6,397	3,333	3,079	1.08	20.23	0.0001
Other Hemorrhoids	K648ngrp	5	6,397	3,333	3,079	1.08	20.23	0.0001
Nail Dystrophy	L603ngrp	5	2,773	1,502	1,335	1.13	20.23	0.0001
Nail Dystrophy	L603grp	4	2,773	1,502	1,335	1.13	20.23	0.0001
Other Specified Diseases Of Liver	K768grp	4	2,027	1,118	976	1.15	20.04	0.0001
Other Acute Postprocedural Pain	G8918grp	5	3,927	2,088	1,890	1.1	19.98	0.0001
Pneumonitis due to inhalation of food and vomit	J690ngrp	5	713	427	343	1.24	19.81	0.0001
Pneumonitis due to inhalation of food and vomit	J690grp	4	713	427	343	1.24	19.81	0.0001
Unspecified Injury Of Neck	S199grp	4	2,301	1,258	1,107	1.14	19.72	0.0001
Unspecified injury of neck	S199Xgrp	5	2,301	1,258	1,107	1.14	19.72	0.0001
Multiple Valve Diseases	I08grp	3	4,542	2,396	2,186	1.1	19.44	0.0001
Toxic Gastroenteritis And Colitis	K521grp	4	357	230	172	1.34	19.18	0.0001
Toxic Gastroenteritis And Colitis	K521ngrp	5	357	230	172	1.34	19.18	0.0001
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	59	51	28	1.8	19.13	0.0001
Eructation	R142ngrp	5	561	343	270	1.27	19.11	0.0001
Eructation	R142grp	4	561	343	270	1.27	19.11	0.0001
Unspecified Chronic Gastritis	K295grp	4	3,476	1,855	1,673	1.11	19.09	0.0001
Flatulence And Related Conditions	R14grp	3	6,051	3,152	2,912	1.08	19.02	0.0001
Open angle with borderline findings, low risk	H4001grp	5	4,424	2,334	2,129	1.1	18.98	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Spinal Stenosis Cervical Region	M4802grp	5	3,646	1,940	1,755	1.11	18.84	0.0001
Other Vitreous Opacities	H433grp	4	4,263	2,252	2,052	1.1	18.84	0.0001
Retention Of Urine	R33grp	3	3,514	1,873	1,691	1.11	18.82	0.0001
Encephalopathy Unspecified	G9340grp	5	1,053	606	507	1.2	18.74	0.0001
Fracture Lower Leg Including Ankle	S82grp	3	1,758	974	846	1.15	18.63	0.0001
Fall on same level from slipping, tripping and stumbling	W01grp	3	3,933	2,084	1,893	1.1	18.59	0.0001
Primary Osteoarthritis Other Joints	M190grp	4	13,935	7,065	6,707	1.05	18.48	0.0001
Altered Mental Status Unspecified	R4182grp	5	3,098	1,660	1,491	1.11	18.45	0.0001
Fracture Of Femur	S72grp	3	698	416	336	1.24	18.45	0.0001
Degenerative disease of nervous system, unspecified	G319grp	4	1,473	825	709	1.16	18.32	0.0001
Degenerative disease of nervous system, unspecified	G319ngrp	5	1,473	825	709	1.16	18.32	0.0001
Other Deforming Dorsopathies	M43grp	3	8,871	4,554	4,270	1.07	18.28	0.0001
Escherichia coli [E. coli] as the cause of diseases classified elsewhere	B962grp	4	1,583	882	762	1.16	18.26	0.0001
Unspecified Escherichia coli [E. coli] as the cause of diseases classified elsewhere	B9620grp	5	1,478	827	711	1.16	18.13	0.0001
Spinal Stenosis Lumbar Region	M4806grp	5	8,032	4,134	3,866	1.07	17.96	0.0001
Unspecified chronic gastritis without bleeding	K2950grp	5	3,413	1,817	1,643	1.11	17.83	0.0001
Background retinopathy and retinal vascular changes	H350grp	4	3,184	1,700	1,532	1.11	17.66	0.0001
Other specified disorders of synovium and tendon	M678grp	4	1,761	972	848	1.15	17.61	0.0001
Puckering Of Macula	H3537grp	5	3,506	1,863	1,687	1.1	17.61	0.0001
Heartburn	R12nnggrp	5	3,059	1,636	1,472	1.11	17.54	0.0001
Heartburn	R12ngrp	4	3,059	1,636	1,472	1.11	17.54	0.0001
Heartburn	R12grp	3	3,059	1,636	1,472	1.11	17.54	0.0001
Atrioventricular Block First Degree	I440ngrp	5	2,528	1,365	1,217	1.12	17.42	0.0001
Atrioventricular Block First Degree	I440grp	4	2,528	1,365	1,217	1.12	17.42	0.0001
Inconclusive Mammogram	R922grp	4	2,497	1,349	1,202	1.12	17.38	0.0001
Inconclusive Mammogram	R922ngrp	5	2,497	1,349	1,202	1.12	17.38	0.0001
Cystitis	N30grp	3	9,096	4,658	4,378	1.06	17.30	0.0001
Other & Unspecified Hydronephrosis	N133grp	4	1,106	630	532	1.18	17.30	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other hammer toe(s) (acquired), left foot	M2042grp	5	2,743	1,474	1,320	1.12	17.27	0.0001
Other specified diseases of biliary tract	K838grp	4	915	529	440	1.2	17.21	0.0001
Other specified diseases of biliary tract	K838ngrp	5	915	529	440	1.2	17.21	0.0001
Pain localized to other parts of lower abdomen	R103grp	4	6,549	3,388	3,152	1.08	17.04	0.0001
Metabolic Encephalopathy	G9341grp	5	1,497	833	721	1.16	16.94	0.0001
Other Toxic Encephalopathy	G928ngrp	5	525	319	253	1.26	16.85	0.0001
Other Toxic Encephalopathy	G928grp	4	525	319	253	1.26	16.85	0.0001
Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction	I65grp	3	8,416	4,314	4,051	1.07	16.53	0.0001
Primary Osteoarthritis Shoulder	M1901grp	5	5,792	3,005	2,788	1.08	16.34	0.0001
Melena	K921grp	4	2,608	1,401	1,255	1.12	16.32	0.0001
Melena	K921ngrp	5	2,608	1,401	1,255	1.12	16.32	0.0001
Viral Warts	B07grp	3	4,084	2,148	1,966	1.09	16.31	0.0001
Other Vitreous Opacities	H4339grp	5	3,959	2,085	1,906	1.09	16.31	0.0001
Inguinal Hernia	K40grp	3	1,691	931	814	1.14	16.25	0.0001
Benign Mammary Dysplasia	N60grp	3	3,837	2,023	1,847	1.1	16.21	0.0001
Nonrheumatic Aortic Valve Disorders	I35grp	3	6,281	3,248	3,023	1.07	16.15	0.0001
Hypertensive Retinopathy	H3503grp	5	2,388	1,288	1,149	1.12	16.12	0.0001
Unspecified Hydronephrosis	N1330grp	5	987	564	475	1.19	16.07	0.0001
Other Disorders Of Muscle	M62grp	3	17,701	8,894	8,520	1.04	15.93	0.0001
Nonrheumatic tricuspid valve disorders	I36grp	3	4,604	2,407	2,216	1.09	15.89	0.0001
Gastrointestinal hemorrhage, unspecified	K922ngrp	5	1,274	713	613	1.16	15.67	0.0001
Gastrointestinal hemorrhage, unspecified	K922grp	4	1,274	713	613	1.16	15.67	0.0001
Spondylolisthesis	M431grp	4	6,445	3,326	3,102	1.07	15.61	0.0001
Vascular Disorders Of Intestine	K55grp	3	829	479	399	1.2	15.49	0.0001
Disease Of Pancreas Unspecified	K869ngrp	5	280	181	135	1.34	15.45	0.0001
Disease Of Pancreas Unspecified	K869grp	4	280	181	135	1.34	15.45	0.0001
Occlusion & Stenosis Carotid Artery	I652grp	4	7,942	4,068	3,823	1.06	15.22	0.0001
Other slipping, tripping and stumbling and falls	W18grp	3	3,046	1,618	1,466	1.1	15.18	0.0001
Other Diseases Of Anus And Rectum	K62grp	3	7,295	3,746	3,511	1.07	15.16	0.0001
Other Cardiac Arrhythmias	I49grp	3	11,230	5,695	5,405	1.05	15.03	0.0001

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933ngrp	5	1,079	609	519	1.17	14.94	0.0001
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933grp	4	1,079	609	519	1.17	14.94	0.0001
Other Hypotension	I9589grp	5	421	258	203	1.27	14.66	0.0004
Functional Dyspepsia	K30nngp	5	1,695	927	816	1.14	14.61	0.0004
Functional Dyspepsia	K30ngp	4	1,695	927	816	1.14	14.61	0.0004
Functional Dyspepsia	K30grp	3	1,695	927	816	1.14	14.61	0.0004
Unspecified severe protein-calorie malnutrition	E43nngp	5	384	237	185	1.28	14.28	0.0006
Unspecified severe protein-calorie malnutrition	E43ngp	4	384	237	185	1.28	14.28	0.0006
Unspecified severe protein-calorie malnutrition	E43grp	3	384	237	185	1.28	14.28	0.0006
Gastritis Unspecified	K297grp	4	3,315	1,749	1,596	1.1	14.23	0.0006
Other Specified Disorders Of Muscle	M628grp	4	15,678	7,879	7,546	1.04	14.23	0.0006
Keratoconjunctivitis sicca, not specified as Sjögren's	H1622grp	5	2,963	1,571	1,426	1.1	14.19	0.0006
Other Diseases Of Esophagus	K22grp	3	6,400	3,293	3,080	1.07	14.16	0.0006
Dermatochalasis Of Eyelid	H0283grp	5	2,555	1,364	1,230	1.11	14.13	0.0007
Other specified cerebrovascular diseases	I678grp	4	2,861	1,519	1,377	1.1	14.11	0.0007
Nonrheumatic tricuspid (valve) insufficiency	I361ngp	5	4,219	2,203	2,031	1.09	14.11	0.0007
Nonrheumatic tricuspid (valve) insufficiency	I361grp	4	4,219	2,203	2,031	1.09	14.11	0.0007
Abnormal findings on diagnostic imaging of other abdominal regions, including retroperitoneum	R935grp	4	1,269	705	611	1.15	14.02	0.0008
Abnormal findings on diagnostic imaging of other abdominal regions, including retroperitoneum	R935ngrp	5	1,269	705	611	1.15	14.02	0.0008
Biomechanical lesions, not elsewhere classified	M99grp	3	10,753	5,449	5,176	1.05	13.97	0.0008
Open angle with borderline findings, high risk	H4002grp	5	1,366	755	657	1.15	13.95	0.0008
Other and unspecified intestinal obstruction	K566grp	4	727	421	350	1.2	13.95	0.0008
Fecal Impaction	K5641grp	5	452	273	218	1.25	13.68	0.001
Abnormal findings on diagnostic imaging of other specified body structures	R9389grp	5	3,723	1,951	1,792	1.09	13.62	0.0011
Other and unspecified fall on same level	W183grp	4	2,355	1,260	1,133	1.11	13.61	0.0012
Solitary Cyst Of Breast	N600grp	4	1,732	942	834	1.13	13.58	0.0012

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Hiccough	R066grp	4	159	109	77	1.42	13.53	0.0012
Hiccough	R066ngrp	5	159	109	77	1.42	13.53	0.0012
Atherosclerosis	I70grp	3	11,510	5,818	5,540	1.05	13.50	0.0012
Acute Cystitis	N300grp	4	7,084	3,627	3,410	1.06	13.38	0.0013
Ocular Hypertension	H4005grp	5	1,563	854	752	1.14	13.26	0.0014
Toxic Encephalopathy	G92grp	3	852	485	410	1.18	13.21	0.0014
Other abnormal immunological findings in serum	R76grp	3	2,960	1,564	1,425	1.1	13.14	0.0016
Unspecified fall	W19Xgrp	4	6,779	3,473	3,263	1.06	13.07	0.0019
Unspecified fall	W19XXgrp	5	6,779	3,473	3,263	1.06	13.07	0.0019
Unspecified Fall	W19grp	3	6,779	3,473	3,263	1.06	13.07	0.0019
Keratoconjunctivitis	H162grp	4	3,235	1,702	1,557	1.09	13.01	0.002
Abnormal findings on diagnostic imaging of other specified body structures	R938grp	4	3,768	1,970	1,814	1.09	13.01	0.002
Other specified disorders of kidney and ureter	N288grp	4	2,225	1,191	1,071	1.11	12.98	0.002
Vascular disorder of intestine, unspecified	K559grp	4	162	110	78	1.41	12.90	0.002
Vascular disorder of intestine, unspecified	K559ngrp	5	162	110	78	1.41	12.90	0.002
Osteoarthritis Of Hip	M16grp	3	7,600	3,879	3,658	1.06	12.90	0.002
Gastritis, unspecified, without bleeding	K2970grp	5	3,181	1,674	1,531	1.09	12.87	0.0021
Acute Cystitis With Hematuria	N3001grp	5	2,587	1,374	1,245	1.1	12.85	0.0021
Cerebral Ischemia	I6782grp	5	1,965	1,058	946	1.12	12.84	0.0021
Unspecified Astigmatism	H5220grp	5	2,719	1,440	1,309	1.1	12.70	0.0021
Other Impaction Of Intestine	K564grp	4	465	278	224	1.24	12.69	0.0021
Follicular cysts of skin and subcutaneous tissue	L72grp	3	7,455	3,805	3,588	1.06	12.65	0.0022
Other Hypotension	I958grp	4	572	335	275	1.22	12.50	0.0027
Intra-abdominal and pelvic swelling, mass and lump	R190grp	4	1,690	916	813	1.13	12.47	0.0027
Dysphagia	R131grp	4	7,758	3,953	3,734	1.06	12.40	0.0034
Other Disorders Of Breast	N64grp	3	6,526	3,341	3,141	1.06	12.29	0.0038
Aphagia And Dysphagia	R13grp	3	7,786	3,964	3,747	1.06	12.08	0.0041
Other Specified Disorders Of Brain	G938grp	4	1,615	876	777	1.13	12.08	0.0041
First Degree Hemorrhoids	K640ngrp	5	2,617	1,385	1,260	1.1	12.04	0.0042
First Degree Hemorrhoids	K640grp	4	2,617	1,385	1,260	1.1	12.04	0.0042

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other Fecal Abnormalities	R195ngrp	5	2,570	1,361	1,237	1.1	11.99	0.0043
Other Fecal Abnormalities	R195grp	4	2,570	1,361	1,237	1.1	11.99	0.0043
Sepsis due to other Gram-negative organisms	A415grp	4	612	355	295	1.21	11.98	0.0043
Other enthesopathy of foot and ankle	M775grp	4	1,188	656	572	1.15	11.96	0.0044
Peripheral Retinal Degeneration	H354grp	4	1,219	672	587	1.15	11.95	0.0044
UTI site Not Specified	N390ngrp	5	15,243	7,637	7,337	1.04	11.91	0.0048
UTI site Not Specified	N390grp	4	15,243	7,637	7,337	1.04	11.91	0.0048
Bilateral inguinal hernia, without obstruction or gangrene, not specified as recurrent	K4020grp	5	472	280	227	1.23	11.87	0.0052
Other Specified Disorders Of Brain	G9389grp	5	1,607	871	773	1.13	11.86	0.0053
Other follicular cysts of the skin and subcutaneous tissue	L728ngrp	5	1,453	792	699	1.13	11.83	0.0053
Other follicular cysts of the skin and subcutaneous tissue	L728grp	4	1,453	792	699	1.13	11.83	0.0053
Polyp Of Colon	K635ngrp	5	10,826	5,463	5,211	1.05	11.81	0.0054
Polyp Of Colon	K635grp	4	10,826	5,463	5,211	1.05	11.81	0.0054
Other specified disorders of kidney and ureter	N2889grp	5	2,120	1,132	1,020	1.11	11.77	0.0055
Nonexudative age-related macular degeneration	H3531grp	5	2,474	1,311	1,191	1.1	11.70	0.0057
Other Viral Warts	B078grp	4	2,255	1,200	1,085	1.11	11.67	0.0066
Other Viral Warts	B078ngrp	5	2,255	1,200	1,085	1.11	11.67	0.0066
Cardiac Arrest	I46grp	3	300	186	144	1.29	11.63	0.007
Unspecified Lump In The Left Breast	N632grp	4	2,248	1,196	1,082	1.11	11.58	0.0071
Other thoracic, thoracolumbar and lumbosacral intervertebral disc displacement	M512grp	4	3,962	2,058	1,907	1.08	11.54	0.0075
Acute Gastritis	K290grp	4	1,127	623	542	1.15	11.54	0.0075
Retention Of Urine Unspecified	R339grp	4	2,657	1,402	1,279	1.1	11.43	0.0079
Retention Of Urine Unspecified	R339ngrp	5	2,657	1,402	1,279	1.1	11.43	0.0079
Bilateral inguinal hernia, without obstruction or gangrene	K402grp	4	487	287	234	1.22	11.41	0.0081
Umbilical Hernia	K42grp	3	3,316	1,733	1,596	1.09	11.33	0.009
Abdominal aortic aneurysm, without rupture	I714grp	4	855	481	412	1.17	11.32	0.0093

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Fracture Of Lumbar Spine And Pelvis	S32grp	3	1,114	615	536	1.15	11.17	0.0111
Acidosis Unspecified	E8720grp	5	1,369	746	659	1.13	11.10	0.0126
Other spondylosis with radiculopathy	M472grp	4	3,471	1,809	1,671	1.08	11.05	0.0129
Other specified follicular disorders	L738ngrp	5	2,143	1,140	1,031	1.11	11.01	0.0133
Other specified follicular disorders	L738grp	4	2,143	1,140	1,031	1.11	11.01	0.0133
Second Degree Hemorrhoids	K641grp	4	1,483	804	714	1.13	10.99	0.0133
Second Degree Hemorrhoids	K641ngrp	5	1,483	804	714	1.13	10.99	0.0133
Pressure Ulcer	L89grp	3	1,842	987	887	1.11	10.97	0.0151
Fall on same level from slipping, tripping and stumbling without subsequent striking against object	W010grp	4	2,686	1,414	1,293	1.09	10.95	0.0153
Fall on same level from slipping, tripping and stumbling without subsequent striking against object	W010Xgrp	5	2,686	1,414	1,293	1.09	10.95	0.0153
Other bacterial intestinal infections	A04grp	3	1,207	662	581	1.14	10.90	0.0156
Disorder of kidney and ureter, unspecified	N289grp	4	4,051	2,098	1,950	1.08	10.87	0.0164
Disorder of kidney and ureter, unspecified	N289ngrp	5	4,051	2,098	1,950	1.08	10.87	0.0164
Hallux Rigidus Left Foot	M2022grp	5	428	254	206	1.23	10.81	0.0165
Shock Unspecified	R579ngrp	5	236	149	114	1.31	10.73	0.0185
Shock Unspecified	R579grp	4	236	149	114	1.31	10.73	0.0185
Other specified disorders of synovium and tendon, shoulder	M6781grp	5	886	495	426	1.16	10.63	0.0198
Fracture Of Lumbar Vertebra	S320grp	4	796	448	383	1.17	10.60	0.0202
Synovitis And Tenosynovitis	M65grp	3	7,351	3,735	3,538	1.06	10.58	0.0212
Fracture Of Shaft Of Femur	S723grp	4	58	45	28	1.61	10.58	0.0212
Rheumatic disorders of both mitral and aortic valves	I080ngrp	5	1,093	602	526	1.14	10.57	0.0212
Rheumatic disorders of both mitral and aortic valves	I080grp	4	1,093	602	526	1.14	10.57	0.0212
Abdominal aortic aneurysm, without rupture, unspecified	I7140grp	5	348	210	168	1.25	10.44	0.0246
Hallux Valgus Acquired	M201grp	4	2,214	1,173	1,066	1.1	10.43	0.0247
Nonrheumatic Mitral Valve Disorders	I34grp	3	8,986	4,541	4,325	1.05	10.42	0.0251
Segmental And Somatic Dysfunction	M990grp	4	8,996	4,545	4,330	1.05	10.33	0.0273
Umbilical hernia without obstruction or gangrene	K429grp	4	3,191	1,664	1,536	1.08	10.31	0.0274

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Umbilical hernia without obstruction or gangrene	K429grp	5	3,191	1,664	1,536	1.08	10.31	0.0274
Diverticulosis of intestine, part unspecified, without perforation or abscess without bleeding	K5790grp	5	2,293	1,212	1,104	1.1	10.25	0.0285
Other disorders of optic [2nd] nerve and visual pathways	H47grp	3	1,987	1,057	956	1.11	10.21	0.0342
Unspecified Intestinal Obstruction	K5660grp	5	485	283	233	1.21	10.17	0.0355
Fall On Same Level Unspecified	W1830grp	5	1,531	825	737	1.12	10.16	0.0355
Acute And Subacute Hepatic Failure	K720grp	4	149	99	72	1.38	10.15	0.0357
Complications and ill-defined descriptions of heart disease	I51grp	3	13,562	6,789	6,527	1.04	10.13	0.0359
Disorders Of Mineral Metabolism	E83grp	3	9,937	5,006	4,783	1.05	10.07	0.0384
Meibomian Gland Dysfunction Eyelid	H0288grp	5	1,851	987	891	1.11	9.99	0.0394
Hypotension Due To Drugs	I952grp	4	411	243	198	1.23	9.98	0.0398
Hypotension Due To Drugs	I952ngrp	5	411	243	198	1.23	9.98	0.0398
Abdominal Tenderness	R1081grp	5	588	337	283	1.19	9.94	0.0406
Keratitis	H16grp	3	5,008	2,568	2,410	1.07	9.94	0.0406
Cervical Disc Disorders	M50grp	3	7,997	4,047	3,849	1.05	9.83	0.0456
Other Epidermal Thickening	L85grp	3	8,228	4,161	3,960	1.05	9.83	0.0456
Delirium due to known physiological condition	F05nngp	5	464	271	223	1.21	9.83	0.0456
Delirium due to known physiological condition	F05ngrp	4	464	271	223	1.21	9.83	0.0456
Delirium due to known physiological condition	F05grp	3	464	271	223	1.21	9.83	0.0456
Hydronephrosis with renal and ureteral calculous obstruction	N132grp	4	1,178	643	567	1.13	9.82	0.0458
Hydronephrosis with renal and ureteral calculous obstruction	N132ngrp	5	1,178	643	567	1.13	9.82	0.0458
Intracranial Injury	S06grp	3	1,487	801	716	1.12	9.80	0.0461
Other Conduction Disorders	I45grp	3	5,492	2,807	2,643	1.06	9.78	0.0466
Fracture Of Thoracic Vertebra	S220grp	4	551	317	265	1.2	9.77	0.0474
Chorioretinal Scars	H310grp	4	992	547	477	1.15	9.76	0.0474
Hypovolemic Shock	R571ngrp	5	171	111	82	1.35	9.75	0.0477
Hypovolemic Shock	R571grp	4	171	111	82	1.35	9.75	0.0477

Table 2a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Hypertrophic Disorders Of Skin	L91grp	3	6,005	3,061	2,890	1.06	9.73	0.0478
Esophagitis	K20grp	3	2,927	1,528	1,409	1.08	9.72	0.048
Diverticular disease of intestine, part unspecified, without perforation or abscess	K579grp	4	3,037	1,583	1,462	1.08	9.70	0.0494

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 2b. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting								
Nausea With Vomiting Unspecified	R112ngrp	5	106	75	53	1.41	9.11	0.0077
Nausea With Vomiting Unspecified	R112grp	4	106	75	53	1.41	9.11	0.0077
Nausea And Vomiting	R11grp	3	214	137	108	1.28	8.14	0.0283
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	17	16	9	1.87	7.86	0.0345
Inpatient, Emergency Department, or Outpatient Setting								
Nausea And Vomiting	R11grp	3	570	338	264	1.28	19.38	0.0001
Nausea With Vomiting Unspecified	R112grp	4	203	135	94	1.44	16.78	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	203	135	94	1.44	16.78	0.0001
Other Sepsis	A41grp	3	140	92	65	1.42	10.66	0.0049
Disorders Refraction Accommodation	H52grp	3	586	323	272	1.19	9.13	0.028

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Inpatient or Emergency Department Setting								
Nausea And Vomiting	R11grp	3	9,165	5,905	4,737	1.25	308.17	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	4,783	3,292	2,472	1.34	292.02	0.0001
Nausea With Vomiting Unspecified	R112grp	4	4,783	3,292	2,472	1.34	292.02	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	1,000	767	517	1.49	133.06	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	465	403	240	1.68	128.58	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	4,268	2,676	2,206	1.22	105.86	0.0001
Diarrhea Unspecified	R197ngrp	5	3,706	2,337	1,915	1.22	98.01	0.0001
Diarrhea Unspecified	R197grp	4	3,706	2,337	1,915	1.22	98.01	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	2,508	1,623	1,296	1.25	87.14	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	1,546	1,054	799	1.32	86.69	0.0001
Abdominal And Pelvic Pain	R10grp	3	9,064	5,296	4,685	1.13	84.41	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	2,229	1,429	1,152	1.24	70.31	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	2,229	1,429	1,152	1.24	70.31	0.0001
Other functional intestinal disorders	K59grp	3	3,854	2,329	1,992	1.17	59.98	0.0001
Constipation	K590grp	4	3,687	2,223	1,906	1.17	55.56	0.0001
Constipation Unspecified	K5900grp	5	3,238	1,966	1,674	1.18	53.71	0.0001
Volume Depletion	E86grp	3	7,153	4,124	3,697	1.12	51.96	0.0001
Vomiting	R111grp	4	1,451	936	750	1.25	48.72	0.0001
Vomiting Unspecified	R1110grp	5	1,330	858	687	1.25	44.68	0.0001
Dehydration	E860ngrp	5	5,758	3,319	2,976	1.12	41.54	0.0001
Dehydration	E860grp	4	5,758	3,319	2,976	1.12	41.54	0.0001

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	993	643	513	1.25	34.63	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	993	643	513	1.25	34.63	0.0001
Pain Localized To Upper Abdomen	R101grp	4	2,238	1,348	1,157	1.17	33.16	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	480	335	248	1.35	32.55	0.0001
Other Abdominal Pain	R108grp	4	1,271	793	657	1.21	29.61	0.0001
Paralytic ileus and intestinal obstruction without hernia	K56grp	3	1,212	755	626	1.21	27.72	0.0001
Other Diseases Stomach And Duodenum	K31grp	3	1,131	708	585	1.21	27.39	0.0001
Gastritis And Duodenitis	K29grp	3	1,523	928	787	1.18	26.41	0.0001
Epigastric Pain	R1013grp	5	1,070	670	553	1.21	25.99	0.0001
Hypotension	I95grp	3	3,853	2,210	1,991	1.11	25.12	0.0001
Diverticular Disease Of Intestine	K57grp	3	2,734	1,593	1,413	1.13	23.97	0.0001
Generalized Abdominal Pain	R1084grp	5	1,073	667	555	1.2	23.92	0.0001
Unspecified Abdominal Pain	R109grp	4	3,152	1,813	1,629	1.11	21.71	0.0001
Unspecified Abdominal Pain	R109ngrp	5	3,152	1,813	1,629	1.11	21.71	0.0001
Other Diseases Of Pancreas	K86grp	3	505	331	261	1.27	19.83	0.0001
Other Diseases Of Intestine	K63grp	3	918	568	474	1.2	19.34	0.0001
Acute Pancreatitis	K85grp	3	593	381	306	1.24	19.08	0.0001
Gastroparesis	K3184grp	5	448	296	232	1.28	18.97	0.0001
Other specified diseases of stomach and duodenum	K318grp	4	890	551	460	1.2	18.88	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	40	38	21	1.84	18.60	0.0001
Calculus Of Kidney And Ureter	N20grp	3	1,842	1,082	952	1.14	18.54	0.0001
Other Diseases Of Digestive System	K92grp	3	1,575	933	814	1.15	18.17	0.0001
Nausea	R110grp	4	2,931	1,677	1,515	1.11	18.13	0.0001
Nausea	R110ngrp	5	2,931	1,677	1,515	1.11	18.13	0.0001
Other Specified Diseases Intestine	K638grp	4	550	352	284	1.24	16.99	0.0001
Calculus Of Kidney	N200ngrp	5	1,307	780	676	1.16	16.90	0.0001

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Calculus Of Kidney	N200grp	4	1,307	780	676	1.16	16.90	0.0001
Ileus Unspecified	K567ngrp	5	410	270	212	1.27	16.83	0.0001
Ileus Unspecified	K567grp	4	410	270	212	1.27	16.83	0.0001
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	37	35	19	1.83	16.78	0.0001
Other Specified Diseases Intestine	K6389grp	5	545	348	282	1.24	16.43	0.0001
Acute Kidney Failure	N17grp	3	8,982	4,911	4,642	1.06	16.39	0.0001
Flatulence And Related Conditions	R14grp	3	1,055	637	545	1.17	16.14	0.0001
Pneumonitis due to inhalation of food and vomit	J690grp	4	600	378	310	1.22	15.61	0.0001
Pneumonitis due to inhalation of food and vomit	J690ngrp	5	600	378	310	1.22	15.61	0.0001
Fracture Of Femur	S72grp	3	431	280	223	1.26	15.51	0.0001
Other Specified Diseases Pancreas	K8689grp	5	266	182	137	1.32	15.34	0.0001
Pneumonitis due to solids and liquids	J69grp	3	612	384	316	1.21	15.21	0.0001
Severe Sepsis With Septic Shock	R6521grp	5	601	377	311	1.21	14.89	0.0001
Anorexia	R630grp	4	344	227	178	1.28	14.40	0.0003
Anorexia	R630ngrp	5	344	227	178	1.28	14.40	0.0003
Unspecified adverse effect of drug or medicament	T887Xgrp	5	124	93	64	1.45	14.20	0.0004
Unspecified adverse effect of drug or medicament	T887grp	4	124	93	64	1.45	14.20	0.0004
Acute Kidney Failure Unspecified	N179ngrp	5	8,143	4,447	4,209	1.06	14.20	0.0004
Acute Kidney Failure Unspecified	N179grp	4	8,143	4,447	4,209	1.06	14.20	0.0004
Shock Not Elsewhere Classified	R57grp	3	777	474	402	1.18	13.67	0.0005
Orthostatic Hypotension	I951ngrp	5	747	457	386	1.18	13.64	0.0005
Orthostatic Hypotension	I951grp	4	747	457	386	1.18	13.64	0.0005
Other Specified Diseases Pancreas	K868grp	4	273	183	141	1.3	13.19	0.001
Diverticular disease of large intestine without perforation or abscess	K573grp	4	1,905	1,096	985	1.11	13.15	0.001
Other Disorders Of Brain	G93grp	3	3,247	1,823	1,678	1.09	13.05	0.0014
Gastritis Unspecified	K297grp	4	732	446	378	1.18	12.67	0.0015
Gastritis, unspecified, without bleeding	K2970grp	5	647	397	334	1.19	12.27	0.0026

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933grp	4	239	161	124	1.3	12.06	0.0029
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933ngrp	5	239	161	124	1.3	12.06	0.0029
Abdominal Distension Gaseous	R140ngrp	5	946	564	489	1.15	12.04	0.0029
Abdominal Distension Gaseous	R140grp	4	946	564	489	1.15	12.04	0.0029
Fracture Of Shaft Of Femur	S723grp	4	33	30	17	1.76	11.93	0.0033
Toxic Gastroenteritis And Colitis	K521ngrp	5	157	111	81	1.37	11.77	0.0045
Toxic Gastroenteritis And Colitis	K521grp	4	157	111	81	1.37	11.77	0.0045
Upper Abdominal Pain, Unspecified	R1010grp	5	267	177	138	1.28	11.66	0.0052
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	394	251	204	1.23	11.58	0.0053
Acute Pancreatitis Unspecified	K859grp	4	401	255	207	1.23	11.56	0.0053
Hypotension Unspecified	I959ngrp	5	2,551	1,439	1,318	1.09	11.49	0.0055
Hypotension Unspecified	I959grp	4	2,551	1,439	1,318	1.09	11.49	0.0055
Symptoms and signs specifically associated with systemic inflammation and infection	R65grp	3	2,626	1,479	1,357	1.09	11.40	0.0059
Polyp Of Stomach And Duodenum	K317grp	4	99	74	51	1.45	11.08	0.0084
Polyp Of Stomach And Duodenum	K317ngrp	5	99	74	51	1.45	11.08	0.0084
Severe Sepsis	R652grp	4	1,948	1,109	1,007	1.1	10.81	0.0099
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	244	162	126	1.28	10.81	0.01
Other Diseases Of Biliary Tract	K83grp	3	422	265	218	1.22	10.58	0.0112
Other & Unspecified Encephalopathy	G934grp	4	2,360	1,331	1,220	1.09	10.58	0.0112
Other Diseases Of Gallbladder	K82grp	3	673	405	348	1.16	9.82	0.0287
Diverticular disease of intestine, part unspecified, without perforation or abscess	K579grp	4	699	419	361	1.16	9.64	0.0332
Disease Of Pancreas Unspecified	K869ngrp	5	78	59	40	1.46	9.46	0.0368
Disease Of Pancreas Unspecified	K869grp	4	78	59	40	1.46	9.46	0.0368
Cholelithiasis	K80grp	3	1,742	990	900	1.1	9.31	0.0402

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Retention Of Urine	R33grp	3	1,437	824	743	1.11	9.27	0.0418
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129ngrp	5	3,697	2,041	1,911	1.07	9.27	0.0422
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129grp	4	3,697	2,041	1,911	1.07	9.27	0.0422
Inpatient, Emergency Department, or Outpatient Setting								
Nausea And Vomiting	R11grp	3	23,481	15,268	11,389	1.34	1,308.77	0.0001
Nausea With Vomiting Unspecified	R112grp	4	9,329	6,363	4,525	1.41	741.28	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	9,329	6,363	4,525	1.41	741.28	0.0001
Nausea	R110grp	4	11,064	6,887	5,366	1.28	423.10	0.0001
Nausea	R110ngrp	5	11,064	6,887	5,366	1.28	423.10	0.0001
Other functional intestinal disorders	K59grp	3	15,505	8,924	7,520	1.19	256.28	0.0001
Constipation	K590grp	4	14,759	8,521	7,158	1.19	253.64	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	2,492	1,735	1,209	1.44	227.80	0.0001
Constipation Unspecified	K5900grp	5	10,703	6,256	5,191	1.21	213.44	0.0001
Age-Related Cataract	H25grp	3	27,774	15,113	13,471	1.12	196.23	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	3,285	2,154	1,593	1.35	194.34	0.0001
Abdominal And Pelvic Pain	R10grp	3	31,024	16,762	15,047	1.12	191.76	0.0001
Vomiting	R111grp	4	3,088	2,018	1,498	1.35	177.89	0.0001
Disorders Refraction Accommodation	H52grp	3	29,726	16,031	14,417	1.11	177.07	0.0001
Volume Depletion	E86grp	3	9,455	5,489	4,586	1.2	173.67	0.0001
Vomiting Unspecified	R1110grp	5	2,757	1,811	1,337	1.35	165.35	0.0001
Dehydration	E860ngrp	5	7,797	4,536	3,782	1.2	146.84	0.0001
Dehydration	E860grp	4	7,797	4,536	3,782	1.2	146.84	0.0001

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	18,723	10,247	9,081	1.13	146.34	0.0001
Diarrhea Unspecified	R197ngrp	5	12,207	6,826	5,921	1.15	135.10	0.0001
Diarrhea Unspecified	R197grp	4	12,207	6,826	5,921	1.15	135.10	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	668	524	324	1.62	126.56	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	1,761	1,179	854	1.38	121.99	0.0001
Age-Related Nuclear Cataract	H251grp	4	16,845	9,125	8,170	1.12	108.99	0.0001
Acute Kidney Failure	N17grp	3	12,182	6,714	5,908	1.14	107.12	0.0001
Diverticular Disease Of Intestine	K57grp	3	17,604	9,488	8,538	1.11	103.19	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	6,626	3,785	3,214	1.18	98.98	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	11,132	6,137	5,399	1.14	98.30	0.0001
Acute Kidney Failure Unspecified	N179grp	4	11,132	6,137	5,399	1.14	98.30	0.0001
Age-related nuclear cataract, bilateral	H2513grp	5	15,118	8,190	7,332	1.12	97.88	0.0001
Other disorders of kidney and ureter, not elsewhere classified	N28grp	3	12,493	6,836	6,059	1.13	97.10	0.0001
Abnormal and inconclusive findings on diagnostic imaging of breast	R92grp	3	10,075	5,572	4,886	1.14	93.73	0.0001
Cyst Of Kidney Acquired	N281ngrp	5	6,392	3,641	3,100	1.17	91.92	0.0001
Cyst Of Kidney Acquired	N281grp	4	6,392	3,641	3,100	1.17	91.92	0.0001
Diverticular disease of large intestine without perforation or abscess	K573grp	4	14,329	7,748	6,950	1.12	89.45	0.0001
Cholelithiasis	K80grp	3	5,201	3,003	2,523	1.19	89.18	0.0001
Hypotension	I95grp	3	6,996	3,942	3,393	1.16	86.49	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	890	622	432	1.44	83.43	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	890	622	432	1.44	83.43	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	5,671	3,235	2,750	1.18	83.14	0.0001

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Noninfective gastroenteritis and colitis, unspecified	K529grp	5	5,671	3,235	2,750	1.18	83.14	0.0001
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	13,441	7,245	6,519	1.11	78.83	0.0001
Calculus of gallbladder without cholecystitis without obstruction	K8020grp	5	4,262	2,468	2,067	1.19	75.76	0.0001
Calculus of gallbladder without cholecystitis	K802grp	4	4,289	2,480	2,080	1.19	74.86	0.0001
Dry Eye Syndrome	H0412grp	5	13,495	7,252	6,545	1.11	74.42	0.0001
Spondylosis	M47grp	3	20,892	11,011	10,133	1.09	74.38	0.0001
Other Disorders Of Lacrimal Gland	H041grp	4	13,516	7,261	6,555	1.11	74.06	0.0001
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	1,203	792	583	1.36	73.38	0.0001
Disorders Of Lacrimal System	H04grp	3	14,121	7,560	6,849	1.1	72.02	0.0001
Other specified disorders of bone density and structure	M858grp	4	10,934	5,912	5,303	1.12	68.12	0.0001
Other Spondylosis	M478grp	4	16,996	9,001	8,243	1.09	67.99	0.0001
Other disorders of bone density and structure	M85grp	3	11,533	6,213	5,594	1.11	66.83	0.0001
Spondylosis without myelopathy or radiculopathy	M4781grp	5	15,095	8,029	7,321	1.1	66.74	0.0001
Other Abdominal Pain	R108grp	4	3,874	2,236	1,879	1.19	66.10	0.0001
Unspecified Abdominal Pain	R109grp	4	10,101	5,463	4,899	1.12	63.23	0.0001
Unspecified Abdominal Pain	R109ngrp	5	10,101	5,463	4,899	1.12	63.23	0.0001
Seborrheic Keratosis	L82grp	3	19,201	10,089	9,313	1.08	63.21	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	1,470	924	713	1.3	61.18	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	1,470	924	713	1.3	61.18	0.0001
Pain Localized To Upper Abdomen	R101grp	4	8,058	4,387	3,908	1.12	57.10	0.0001
Calculus Of Kidney And Ureter	N20grp	3	6,814	3,744	3,305	1.13	56.79	0.0001
Generalized Abdominal Pain	R1084grp	5	3,311	1,911	1,606	1.19	56.47	0.0001
Combine Forms Age-Relate Cataract	H2581grp	5	7,257	3,971	3,520	1.13	56.32	0.0001
Disorders Of Vitreous Body	H43grp	3	14,903	7,871	7,228	1.09	55.77	0.0001
Paralytic ileus and intestinal obstruction without hernia	K56grp	3	1,934	1,169	938	1.25	55.53	0.0001

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Other Age-Related Cataract	H258grp	4	7,416	4,049	3,597	1.13	55.33	0.0001
Other Retinal Disorders	H35grp	3	14,906	7,862	7,230	1.09	53.96	0.0001
Abnormal findings on diagnostic imaging of other body structures	R93grp	3	11,840	6,304	5,743	1.1	53.49	0.0001
Glaucoma	H40grp	3	11,508	6,131	5,582	1.1	52.71	0.0001
Glaucoma Suspect	H400grp	4	9,542	5,121	4,628	1.11	51.15	0.0001
Hypermetropia	H520grp	4	5,841	3,217	2,833	1.14	50.66	0.0001
Calculus Of Kidney	N200grp	4	5,701	3,143	2,765	1.14	50.27	0.0001
Calculus Of Kidney	N200ngrp	5	5,701	3,143	2,765	1.14	50.27	0.0001
Gastroparesis	K3184grp	5	1,467	901	712	1.27	49.32	0.0001
Skin changes due to chronic exposure to nonionizing radiation	L57grp	3	14,248	7,501	6,910	1.09	49.21	0.0001
Hypotension Unspecified	I959grp	4	4,009	2,255	1,944	1.16	48.28	0.0001
Hypotension Unspecified	I959ngrp	5	4,009	2,255	1,944	1.16	48.28	0.0001
Epigastric Pain	R1013grp	5	4,063	2,282	1,971	1.16	47.88	0.0001
Presbyopia	H524ngrp	5	8,749	4,699	4,243	1.11	47.63	0.0001
Presbyopia	H524grp	4	8,749	4,699	4,243	1.11	47.63	0.0001
Gastritis And Duodenitis	K29grp	3	10,062	5,361	4,880	1.1	46.13	0.0001
Other Diseases Stomach And Duodenum	K31grp	3	8,369	4,497	4,059	1.11	45.99	0.0001
Other Melanin Hyperpigmentation	L814grp	4	10,419	5,538	5,053	1.1	45.27	0.0001
Other Melanin Hyperpigmentation	L814ngrp	5	10,419	5,538	5,053	1.1	45.27	0.0001
Astigmatism	H522grp	4	7,747	4,175	3,757	1.11	45.18	0.0001
Acute Pancreatitis	K85grp	3	953	608	462	1.32	45.10	0.0001
Other Diseases Of Liver	K76grp	3	17,632	9,179	8,552	1.07	44.92	0.0001
Mammographic density found on imaging of breast	R923grp	4	1,615	971	783	1.24	43.89	0.0001
Other Disorders Of Pigmentation	L81grp	3	13,452	7,064	6,524	1.08	43.51	0.0001
Diaphragmatic Hernia	K44grp	3	7,727	4,154	3,748	1.11	42.87	0.0001
Diaphragmatic hernia without obstruction or gangrene	K449ngrp	5	7,691	4,133	3,730	1.11	42.33	0.0001
Diaphragmatic hernia without obstruction or gangrene	K449grp	4	7,691	4,133	3,730	1.11	42.33	0.0001
Hypermetropia Bilateral	H5203grp	5	4,706	2,595	2,282	1.14	41.63	0.0001

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Acquired Deformities Fingers & Toes	M20grp	3	7,630	4,097	3,701	1.11	41.31	0.0001
Hepatomegaly and splenomegaly, not elsewhere classified	R16grp	3	5,469	2,988	2,653	1.13	41.27	0.0001
Other specified disorders of bone density and structure, thigh	M8585grp	5	2,679	1,534	1,299	1.18	41.25	0.0001
Other Disorders Of Brain	G93grp	3	5,382	2,943	2,610	1.13	41.24	0.0001
Other Diseases Of Pancreas	K86grp	3	2,110	1,231	1,023	1.2	41.03	0.0001
Tinea Unguium	B351ngrp	5	10,156	5,381	4,926	1.09	40.97	0.0001
Tinea Unguium	B351grp	4	10,156	5,381	4,926	1.09	40.97	0.0001
Other specified diseases of stomach and duodenum	K318grp	4	5,183	2,838	2,514	1.13	40.67	0.0001
Elevated White Blood Cell Count	D7282grp	5	7,301	3,925	3,541	1.11	40.51	0.0001
Other specified disorders of white blood cells	D728grp	4	8,148	4,352	3,952	1.1	39.43	0.0001
Other Seborrheic Keratosis	L821ngrp	5	12,736	6,673	6,177	1.08	38.80	0.0001
Other Seborrheic Keratosis	L821grp	4	12,736	6,673	6,177	1.08	38.80	0.0001
Other Disorders Of Vitreous Body	H438grp	4	9,827	5,202	4,766	1.09	38.80	0.0001
Other Diseases Of Digestive System	K92grp	3	4,228	2,336	2,051	1.14	38.63	0.0001
Other Specified Diseases Intestine	K6389grp	5	2,757	1,565	1,337	1.17	37.77	0.0001
Other Specified Diseases Intestine	K638grp	4	2,789	1,581	1,353	1.17	37.49	0.0001
Vitreous Degeneration	H4381grp	5	9,170	4,861	4,448	1.09	37.42	0.0001
Other Disorders White Blood Cells	D72grp	3	8,568	4,553	4,156	1.1	37.00	0.0001
Other Specified Diseases Pancreas	K8689grp	5	954	592	463	1.28	35.34	0.0001
Other Spondylopathies	M48grp	3	14,102	7,333	6,840	1.07	34.70	0.0001
Other Diseases Of Gallbladder	K82grp	3	2,168	1,243	1,052	1.18	33.94	0.0001
Regular Astigmatism	H5222grp	5	4,808	2,617	2,332	1.12	33.89	0.0001
Hepatomegaly, not elsewhere classified	R160grp	4	3,574	1,976	1,733	1.14	33.01	0.0001
Hepatomegaly, not elsewhere classified	R160ngrp	5	3,574	1,976	1,733	1.14	33.01	0.0001
Degeneration of macula and posterior pole	H353grp	4	8,790	4,638	4,263	1.09	32.06	0.0001
Other & Unspecified Encephalopathy	G934grp	4	2,729	1,531	1,324	1.16	31.61	0.0001
Other Diseases Of Intestine	K63grp	3	13,299	6,907	6,450	1.07	31.54	0.0001
Hemorrhoids and perianal venous thrombosis	K64grp	3	14,138	7,327	6,857	1.07	31.40	0.0001

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Age-Related Incipient Cataract	H250grp	4	3,092	1,719	1,500	1.15	31.20	0.0001
Syncope And Collapse	R55grp	3	7,227	3,840	3,505	1.1	31.12	0.0001
Syncope And Collapse	R55nnggrp	5	7,227	3,840	3,505	1.1	31.12	0.0001
Syncope And Collapse	R55ngrp	4	7,227	3,840	3,505	1.1	31.12	0.0001
Drug Induced Constipation	K5903grp	5	791	494	384	1.29	31.06	0.0001
Other Disorders Of Eyelid	H02grp	3	7,392	3,923	3,585	1.09	30.97	0.0001
Ileus Unspecified	K567ngrp	5	478	317	232	1.37	30.83	0.0001
Ileus Unspecified	K567grp	4	478	317	232	1.37	30.83	0.0001
Abnormal results of cardiovascular function studies	R943grp	4	19,240	9,874	9,332	1.06	30.79	0.0001
Foreign body in stomach	T182Xgrp	5	281	201	136	1.47	30.68	0.0001
Foreign Body In Stomach	T182grp	4	281	201	136	1.47	30.68	0.0001
Abnormal Electrocardiogram	R9431grp	5	16,241	8,374	7,877	1.06	30.59	0.0001
Other specified disorders of bone density and structure, other site	M8588grp	5	1,958	1,120	950	1.18	29.73	0.0001
Symptoms and signs specifically associated with systemic inflammation and infection	R65grp	3	2,872	1,599	1,393	1.15	29.64	0.0001
Other and unspecified injuries of head	S09grp	3	5,397	2,900	2,618	1.11	29.63	0.0001
Other Specified Diseases Pancreas	K868grp	4	1,089	654	528	1.24	29.24	0.0001
Unspecified Injury Of Face And Head	S099grp	4	4,992	2,691	2,421	1.11	29.24	0.0001
Other Specified Disorders Of Eyelid	H028grp	4	4,924	2,654	2,388	1.11	28.77	0.0001
Other specified diseases of gallbladder	K828ngrp	5	1,332	784	646	1.21	28.71	0.0001
Other specified diseases of gallbladder	K828grp	4	1,332	784	646	1.21	28.71	0.0001
Anorexia	R630grp	4	990	599	480	1.25	28.71	0.0001
Anorexia	R630ngrp	5	990	599	480	1.25	28.71	0.0001
Unspecified Lump In Breast	N63grp	3	4,773	2,576	2,315	1.11	28.62	0.0001
Dermatophytosis	B35grp	3	14,632	7,550	7,097	1.06	28.24	0.0001
Nail Disorders	L60grp	3	9,619	5,033	4,665	1.08	28.21	0.0001
Other Sepsis	A41grp	3	5,735	3,065	2,782	1.1	28.09	0.0001
Obstructive And Reflux Uropathy	N13grp	3	4,664	2,516	2,262	1.11	27.71	0.0001

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Other specified disorders of bone density and structure, multiple sites	M8589grp	5	2,595	1,447	1,259	1.15	27.42	0.0001
Unspecified Injury Of Head	S0990grp	5	4,476	2,418	2,171	1.11	27.34	0.0001
Weakness	R531ngrp	5	7,972	4,196	3,867	1.09	27.32	0.0001
Weakness	R531grp	4	7,972	4,196	3,867	1.09	27.32	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921ngrp	5	1,929	1,097	936	1.17	27.09	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921grp	4	1,929	1,097	936	1.17	27.09	0.0001
Spinal Stenosis	M480grp	4	13,269	6,858	6,436	1.07	27.02	0.0001
Acute Pancreatitis Unspecified	K859grp	4	677	423	328	1.29	26.70	0.0001
Foreign Body In Alimentary Tract	T18grp	3	559	357	271	1.32	26.68	0.0001
Severe Sepsis With Septic Shock	R6521grp	5	654	410	317	1.29	26.58	0.0001
Severe Sepsis	R652grp	4	2,083	1,176	1,010	1.16	26.44	0.0001
Shock Not Elsewhere Classified	R57grp	3	811	496	393	1.26	26.17	0.0001
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	661	413	321	1.29	26.06	0.0001
Acute Posthemorrhagic Anemia	D62nnggrp	5	2,559	1,423	1,241	1.15	25.91	0.0001
Acute Posthemorrhagic Anemia	D62ngrp	4	2,559	1,423	1,241	1.15	25.91	0.0001
Acute Posthemorrhagic Anemia	D62grp	3	2,559	1,423	1,241	1.15	25.91	0.0001
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	14,277	7,350	6,924	1.06	25.49	0.0001
Fatty (change of) liver, not elsewhere classified	K760grp	4	14,277	7,350	6,924	1.06	25.49	0.0001
Atrioventricular and left bundle-branch block	I44grp	3	5,777	3,072	2,802	1.1	25.32	0.0001
Other skin changes due to chronic exposure to nonionizing radiation	L578grp	4	5,258	2,804	2,550	1.1	24.56	0.0001
Other skin changes due to chronic exposure to nonionizing radiation	L578ngrp	5	5,258	2,804	2,550	1.1	24.56	0.0001
Abnormal findings on diagnostic imaging of lung	R91grp	3	14,586	7,495	7,074	1.06	24.39	0.0001
Inflamed Seborrheic Keratosis	L820grp	4	6,465	3,416	3,136	1.09	24.39	0.0001
Inflamed Seborrheic Keratosis	L820ngrp	5	6,465	3,416	3,136	1.09	24.39	0.0001

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Myopia	H521grp	4	5,746	3,051	2,787	1.09	24.34	0.0001
Other disorders of fluid, electrolyte and acid-base balance	E87grp	3	18,293	9,339	8,872	1.05	23.97	0.0001
Myopia Bilateral	H5213grp	5	4,872	2,604	2,363	1.1	23.90	0.0001
Other Diseases Of Biliary Tract	K83grp	3	1,172	685	568	1.21	23.28	0.0001
Actinic Keratosis	L570grp	4	8,559	4,466	4,151	1.08	23.23	0.0001
Actinic Keratosis	L570ngrp	5	8,559	4,466	4,151	1.08	23.23	0.0001
Upper Abdominal Pain, Unspecified	R1010grp	5	826	498	401	1.24	23.10	0.0001
Hypokalemia	E876ngrp	5	5,203	2,767	2,524	1.1	22.84	0.0001
Hypokalemia	E876grp	4	5,203	2,767	2,524	1.1	22.84	0.0001
Mammographic heterogeneous density of breast	R9233grp	5	277	190	134	1.41	22.83	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	8,800	4,581	4,268	1.07	22.33	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928grp	4	4,139	2,222	2,007	1.11	22.29	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928ngrp	5	4,139	2,222	2,007	1.11	22.29	0.0001
Other Specified Disorders Of Breast	N6489grp	5	2,433	1,343	1,180	1.14	21.88	0.0001
Other Specified Disorders Of Breast	N648grp	4	2,462	1,358	1,194	1.14	21.87	0.0001
Unspecified Lump In Right Breast	N631grp	4	2,021	1,128	980	1.15	21.66	0.0001
Other Specified Disorders Bladder	N3289grp	5	1,923	1,075	933	1.15	21.12	0.0001
Difficulty in walking, not elsewhere classified	R262grp	4	4,452	2,375	2,159	1.1	20.95	0.0001
Difficulty in walking, not elsewhere classified	R262ngrp	5	4,452	2,375	2,159	1.1	20.95	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	59	52	29	1.82	20.78	0.0001
Orthostatic Hypotension	I951grp	4	1,913	1,068	928	1.15	20.59	0.0001
Orthostatic Hypotension	I951ngrp	5	1,913	1,068	928	1.15	20.59	0.0001
Cortical Age-Related Cataract	H2501grp	5	1,846	1,033	895	1.15	20.58	0.0001
Acute Pain Not Elsewhere Classified	G891grp	4	3,976	2,130	1,928	1.1	20.48	0.0001
Other Specified Diseases Of Liver	K7689grp	5	1,822	1,020	884	1.15	20.44	0.0001
Sepsis Unspecified Organism	A419ngrp	5	4,406	2,348	2,137	1.1	20.26	0.0001
Sepsis Unspecified Organism	A419grp	4	4,406	2,348	2,137	1.1	20.26	0.0001

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Hypovolemia	E861ngrp	5	960	564	466	1.21	20.25	0.0001
Hypovolemia	E861grp	4	960	564	466	1.21	20.25	0.0001
Pneumonitis due to solids and liquids	J69grp	3	724	436	351	1.24	20.00	0.0001
Abnormal Results Function Studies	R94grp	3	25,782	13,009	12,505	1.04	19.92	0.0001
Other Hammer Toes Acquired	M204grp	4	4,012	2,145	1,946	1.1	19.81	0.0001
Pain localized to other parts of lower abdomen	R103grp	4	5,889	3,097	2,856	1.08	19.74	0.0001
Pneumonitis due to inhalation of food and vomit	J690grp	4	698	421	339	1.24	19.60	0.0001
Pneumonitis due to inhalation of food and vomit	J690ngrp	5	698	421	339	1.24	19.60	0.0001
Mammographic fibroglandular density of breast	R9232grp	5	917	539	445	1.21	19.45	0.0001
Sensorineural Hear Loss Bilateral	H903grp	4	6,209	3,256	3,011	1.08	19.31	0.0001
Sensorineural Hear Loss Bilateral	H903ngrp	5	6,209	3,256	3,011	1.08	19.31	0.0001
Viral and other specified intestinal infections	A08grp	3	1,220	700	592	1.18	19.28	0.0001
Other Specified Diseases Of Liver	K768grp	4	1,873	1,042	908	1.15	19.09	0.0001
Other degenerative diseases of nervous system, not elsewhere classified	G31grp	3	3,340	1,798	1,620	1.11	19.02	0.0001
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	56	49	27	1.8	19.00	0.0001
Other specified erythematous conditions	L538ngrp	5	5,111	2,699	2,479	1.09	19.00	0.0001
Other specified erythematous conditions	L538grp	4	5,111	2,699	2,479	1.09	19.00	0.0001
Other Acute Postprocedural Pain	G8918grp	5	3,499	1,879	1,697	1.11	18.96	0.0001
Hematemesis	K920grp	4	457	287	222	1.29	18.86	0.0001
Hematemesis	K920ngrp	5	457	287	222	1.29	18.86	0.0001
Other Cerebrovascular Diseases	I67grp	3	4,640	2,458	2,250	1.09	18.61	0.0001
Other Disorders Synovium And Tendon	M67grp	3	4,320	2,294	2,095	1.1	18.32	0.0001
Other specified and unspecified injuries of neck	S19grp	3	2,342	1,282	1,136	1.13	18.26	0.0001
Corns And Callosities	L84nngp	5	5,397	2,839	2,618	1.08	18.20	0.0001
Corns And Callosities	L84ngrp	4	5,397	2,839	2,618	1.08	18.20	0.0001
Corns And Callosities	L84grp	3	5,397	2,839	2,618	1.08	18.20	0.0001
Nail Dystrophy	L603grp	4	2,650	1,440	1,285	1.12	18.10	0.0001
Nail Dystrophy	L603ngrp	5	2,650	1,440	1,285	1.12	18.10	0.0001

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Fracture Lower Leg Including Ankle	S82grp	3	1,631	912	791	1.15	17.98	0.0001
Spinal Stenosis Cervical Region	M4802grp	5	3,416	1,831	1,657	1.11	17.80	0.0001
Retention Of Urine	R33grp	3	3,436	1,841	1,666	1.1	17.76	0.0001
Muscle Weakness Generalized	M6281grp	5	6,984	3,635	3,387	1.07	17.62	0.0001
Other Vitreous Opacities	H433grp	4	4,011	2,133	1,945	1.1	17.59	0.0001
Eructation	R142ngrp	5	499	308	242	1.27	17.58	0.0001
Eructation	R142grp	4	499	308	242	1.27	17.58	0.0001
Secondary Cataract	H264grp	4	5,791	3,034	2,809	1.08	17.57	0.0001
Flatulence And Related Conditions	R14grp	3	5,512	2,893	2,673	1.08	17.54	0.0001
Other Erythematous Conditions	L53grp	3	6,014	3,146	2,917	1.08	17.50	0.0001
Fracture Of Femur	S72grp	3	679	406	329	1.23	17.41	0.0001
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51grp	3	16,845	8,551	8,170	1.05	17.34	0.0001
Viral Intestinal Infection Unspec	A084grp	4	1,025	591	497	1.19	17.25	0.0001
Viral Intestinal Infection Unspec	A084ngrp	5	1,025	591	497	1.19	17.25	0.0001
Other Secondary Cataract	H2649grp	5	5,639	2,955	2,735	1.08	17.21	0.0001
Background retinopathy and retinal vascular changes	H350grp	4	3,085	1,659	1,496	1.11	17.20	0.0001
Other Cataract	H26grp	3	8,687	4,486	4,213	1.06	17.18	0.0001
Unspecified Escherichia coli [E. coli] as the cause of diseases classified elsewhere	B9620grp	5	1,441	810	699	1.16	17.17	0.0001
Unspecified injury of neck	S199Xgrp	5	2,252	1,231	1,092	1.13	17.13	0.0001
Unspecified Injury Of Neck	S199grp	4	2,252	1,231	1,092	1.13	17.13	0.0001
Other nonspecific abnormal finding of lung field	R918ngrp	5	11,106	5,693	5,387	1.06	16.98	0.0001
Other nonspecific abnormal finding of lung field	R918grp	4	11,106	5,693	5,387	1.06	16.98	0.0001
Other specified diseases of biliary tract	K838grp	4	863	504	419	1.2	16.98	0.0001
Other specified diseases of biliary tract	K838ngrp	5	863	504	419	1.2	16.98	0.0001
Escherichia coli [E. coli] as the cause of diseases classified elsewhere	B962grp	4	1,543	862	748	1.15	16.77	0.0001
Other Constipation	K5909grp	5	1,846	1,019	895	1.14	16.60	0.0002
Abnormalities Of Gait And Mobility	R26grp	3	13,779	7,019	6,683	1.05	16.47	0.0002

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Fall on same level from slipping, tripping and stumbling	W01grp	3	3,841	2,040	1,863	1.1	16.36	0.0002
Toxic Gastroenteritis And Colitis	K521ngrp	5	343	219	166	1.32	16.33	0.0002
Toxic Gastroenteritis And Colitis	K521grp	4	343	219	166	1.32	16.33	0.0002
Multiple Valve Diseases	I08grp	3	4,406	2,326	2,137	1.09	16.25	0.0002
Other & Unspecified Hydronephrosis	N133grp	4	1,051	602	510	1.18	16.24	0.0002
Encephalopathy Unspecified	G9340grp	5	1,036	594	502	1.18	16.22	0.0002
Benign Mammary Dysplasia	N60grp	3	3,159	1,692	1,532	1.1	16.20	0.0002
Degenerative disease of nervous system, unspecified	G319grp	4	1,457	815	707	1.15	16.15	0.0002
Degenerative disease of nervous system, unspecified	G319ngrp	5	1,457	815	707	1.15	16.15	0.0002
Hypertensive Retinopathy	H3503grp	5	2,319	1,261	1,125	1.12	16.04	0.0002
Unspecified Chronic Gastritis	K295grp	4	3,194	1,709	1,549	1.1	16.03	0.0002
Other abnormal immunological findings in serum	R76grp	3	2,596	1,403	1,259	1.11	15.98	0.0002
Heartburn	R12grp	3	2,646	1,428	1,283	1.11	15.84	0.0002
Heartburn	R12nnggrp	5	2,646	1,428	1,283	1.11	15.84	0.0002
Heartburn	R12ngrp	4	2,646	1,428	1,283	1.11	15.84	0.0002
Open angle with borderline findings, low risk	H4001grp	5	4,208	2,223	2,041	1.09	15.79	0.0002
Inguinal Hernia	K40grp	3	1,616	896	784	1.14	15.62	0.0002
Altered Mental Status Unspecified	R4182grp	5	3,040	1,628	1,474	1.1	15.54	0.0002
Abnormal Weight Loss	R634grp	4	2,600	1,403	1,261	1.11	15.53	0.0002
Abnormal Weight Loss	R634ngrp	5	2,600	1,403	1,261	1.11	15.53	0.0002
Other Vitreous Opacities	H4339grp	5	3,723	1,975	1,806	1.09	15.43	0.0002
Metabolic Encephalopathy	G9341grp	5	1,487	828	721	1.15	15.37	0.0002
Other Toxic Encephalopathy	G928grp	4	516	313	250	1.25	15.35	0.0002
Other Toxic Encephalopathy	G928ngrp	5	516	313	250	1.25	15.35	0.0002
Unspecified Hydronephrosis	N1330grp	5	942	541	457	1.18	15.07	0.0002
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	2,676	1,439	1,298	1.11	14.91	0.0002
Other Hemorrhoids	K648ngrp	5	5,733	2,987	2,781	1.07	14.90	0.0002
Other Hemorrhoids	K648grp	4	5,733	2,987	2,781	1.07	14.90	0.0002

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Puckering Of Macula	H3537grp	5	3,417	1,816	1,657	1.1	14.77	0.0002
Unspecified chronic gastritis without bleeding	K2950grp	5	3,132	1,671	1,519	1.1	14.77	0.0002
Solitary Cyst Of Breast	N600grp	4	1,404	782	681	1.15	14.57	0.0002
Melena	K921grp	4	2,407	1,299	1,167	1.11	14.41	0.0004
Melena	K921ngrp	5	2,407	1,299	1,167	1.11	14.41	0.0004
Atrioventricular Block First Degree	I440grp	4	2,465	1,328	1,196	1.11	14.26	0.0005
Atrioventricular Block First Degree	I440ngrp	5	2,465	1,328	1,196	1.11	14.26	0.0005
Abnormal findings on diagnostic imaging of other abdominal regions, including retroperitoneum	R935ngrp	5	1,189	668	577	1.16	14.06	0.0005
Abnormal findings on diagnostic imaging of other abdominal regions, including retroperitoneum	R935grp	4	1,189	668	577	1.16	14.06	0.0005
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933grp	4	1,014	576	492	1.17	14.02	0.0005
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933ngrp	5	1,014	576	492	1.17	14.02	0.0005
Shoulder Lesions	M75grp	3	8,529	4,379	4,137	1.06	13.82	0.0007
Other hammer toe(s) (acquired), left foot	M2042grp	5	2,655	1,423	1,288	1.11	13.81	0.0007
Other Deforming Dorsopathies	M43grp	3	8,345	4,287	4,047	1.06	13.80	0.0007
Spinal Stenosis Lumbar Region	M4806grp	5	7,568	3,898	3,671	1.06	13.71	0.0011
Cystitis	N30grp	3	8,299	4,263	4,025	1.06	13.68	0.0011
Unspecified severe protein-calorie malnutrition	E43ngrp	4	380	235	184	1.28	13.63	0.0011
Unspecified severe protein-calorie malnutrition	E43grp	3	380	235	184	1.28	13.63	0.0011
Unspecified severe protein-calorie malnutrition	E43nngrp	5	380	235	184	1.28	13.63	0.0011
Disease Of Pancreas Unspecified	K869ngrp	5	269	173	130	1.33	13.61	0.0012
Disease Of Pancreas Unspecified	K869grp	4	269	173	130	1.33	13.61	0.0012
Hiccough	R066grp	4	153	106	74	1.43	13.51	0.0013
Hiccough	R066ngrp	5	153	106	74	1.43	13.51	0.0013
Gastritis Unspecified	K297grp	4	3,079	1,637	1,493	1.1	13.43	0.0014
Vascular Disorders Of Intestine	K55grp	3	803	462	389	1.19	13.14	0.0016

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction	I65grp	3	8,211	4,213	3,982	1.06	12.99	0.002
Nonrheumatic tricuspid valve disorders	I36grp	3	4,409	2,307	2,138	1.08	12.92	0.0021
Primary Osteoarthritis Other Joints	M190grp	4	13,045	6,616	6,327	1.05	12.87	0.0022
Other Diseases Of Esophagus	K22grp	3	5,876	3,044	2,850	1.07	12.85	0.0023
Other slipping, tripping and stumbling and falls	W18grp	3	2,980	1,582	1,445	1.09	12.55	0.0029
Nonrheumatic Aortic Valve Disorders	I35grp	3	6,094	3,151	2,956	1.07	12.55	0.0029
Gastrointestinal hemorrhage, unspecified	K922ngrp	5	1,226	682	595	1.15	12.48	0.0032
Gastrointestinal hemorrhage, unspecified	K922grp	4	1,226	682	595	1.15	12.48	0.0032
Functional Dyspepsia	K30grp	3	1,570	860	761	1.13	12.39	0.0034
Functional Dyspepsia	K30nnggrp	5	1,570	860	761	1.13	12.39	0.0034
Functional Dyspepsia	K30nggrp	4	1,570	860	761	1.13	12.39	0.0034
Keratoconjunctivitis sicca, not specified as Sjögren's	H1622grp	5	2,794	1,486	1,355	1.1	12.28	0.0037
Other specified disorders of synovium and tendon	M678grp	4	1,573	861	763	1.13	12.25	0.0038
Osteoarthritis Of Hip	M16grp	3	7,189	3,696	3,487	1.06	12.22	0.0039
Gastritis, unspecified, without bleeding	K2970grp	5	2,949	1,564	1,430	1.09	12.14	0.0039
Primary Osteoarthritis Shoulder	M1901grp	5	5,458	2,829	2,647	1.07	12.14	0.0039
Other Hypotension	I9589grp	5	409	248	198	1.25	12.12	0.0041
Viral Warts	B07grp	3	3,630	1,908	1,761	1.08	11.99	0.0046
Fecal Impaction	K5641grp	5	426	257	207	1.24	11.99	0.0046
Open angle with borderline findings, high risk	H4002grp	5	1,299	718	630	1.14	11.94	0.005
Other Cardiac Arrhythmias	I49grp	3	10,685	5,434	5,182	1.05	11.90	0.0051
Other and unspecified intestinal obstruction	K566grp	4	689	398	334	1.19	11.86	0.0052
Sepsis due to other Gram-negative organisms	A415grp	4	605	353	293	1.2	11.77	0.0057
Occlusion & Stenosis Carotid Artery	I652grp	4	7,748	3,971	3,758	1.06	11.76	0.0057
Dermatochalasis Of Eyelid	H0283grp	5	2,464	1,315	1,195	1.1	11.69	0.0062
Other and unspecified fall on same level	W183grp	4	2,321	1,242	1,126	1.1	11.67	0.0062
Dysphagia	R131grp	4	7,223	3,708	3,503	1.06	11.64	0.0065
Acute Cystitis With Hematuria	N3001grp	5	2,314	1,238	1,122	1.1	11.58	0.0068
Toxic Encephalopathy	G92grp	3	842	478	408	1.17	11.54	0.009

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Other specified cerebrovascular diseases	I678grp	4	2,809	1,489	1,362	1.09	11.43	0.0096
Spondylolisthesis	M431grp	4	6,088	3,139	2,953	1.06	11.42	0.0097
Diverticulosis of intestine, part unspecified, without perforation or abscess without bleeding	K5790grp	5	2,161	1,159	1,048	1.11	11.40	0.0098
Aphagia And Dysphagia	R13grp	3	7,251	3,719	3,517	1.06	11.31	0.0102
Nonrheumatic tricuspid (valve) insufficiency	I361ngrp	5	4,046	2,113	1,962	1.08	11.24	0.0105
Nonrheumatic tricuspid (valve) insufficiency	I361grp	4	4,046	2,113	1,962	1.08	11.24	0.0105
Vascular disorder of intestine, unspecified	K559grp	4	156	105	76	1.39	11.23	0.0106
Vascular disorder of intestine, unspecified	K559ngrp	5	156	105	76	1.39	11.23	0.0106
Other disorders of optic [2nd] nerve and visual	H47grp	3	1,848	998	896	1.11	11.21	0.0106
Diverticular disease of intestine, part unspecified, without perforation or abscess	K579grp	4	2,847	1,507	1,381	1.09	11.20	0.0106
Inconclusive Mammogram	R922grp	4	2,114	1,134	1,025	1.11	11.19	0.0106
Inconclusive Mammogram	R922ngrp	5	2,114	1,134	1,025	1.11	11.19	0.0106
Other Shock	R578ngrp	5	139	95	67	1.41	11.17	0.0108
Other Shock	R578grp	4	139	95	67	1.41	11.17	0.0108
Bilateral inguinal hernia, without obstruction or gangrene, not specified as recurrent	K4020grp	5	457	272	222	1.23	11.15	0.0111
Acute Gastritis	K290grp	4	1,036	578	502	1.15	11.03	0.0127
Other Impaction Of Intestine	K564grp	4	439	262	213	1.23	11.03	0.0128
Cerebral Ischemia	I6782grp	5	1,932	1,040	937	1.11	10.99	0.014
Nonexudative age-related macular degeneration	H3531grp	5	2,436	1,297	1,181	1.1	10.97	0.0144
Peripheral Retinal Degeneration	H354grp	4	1,119	621	543	1.14	10.97	0.0144
Ocular Hypertension	H4005grp	5	1,494	815	725	1.12	10.95	0.0144
Atherosclerosis	I70grp	3	11,275	5,716	5,468	1.05	10.91	0.0147
Other Diseases Of Anus And Rectum	K62grp	3	6,546	3,363	3,175	1.06	10.84	0.018
Retention Of Urine Unspecified	R339ngrp	5	2,591	1,375	1,257	1.09	10.82	0.0185
Retention Of Urine Unspecified	R339grp	4	2,591	1,375	1,257	1.09	10.82	0.0185
Cardiac Arrest	I46grp	3	288	179	140	1.28	10.82	0.0185
Second Degree Hemorrhoids	K641ngrp	5	1,317	723	639	1.13	10.79	0.0188

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Second Degree Hemorrhoids	K641grp	4	1,317	723	639	1.13	10.79	0.0188
Acute Cystitis	N300grp	4	6,428	3,303	3,118	1.06	10.72	0.0192
Keratoconjunctivitis	H162grp	4	3,053	1,608	1,481	1.09	10.63	0.0202
Hydronephrosis with renal and ureteral calculous obstruction	N132ngrp	5	1,080	599	524	1.14	10.49	0.0231
Hydronephrosis with renal and ureteral calculous obstruction	N132grp	4	1,080	599	524	1.14	10.49	0.0231
Bilateral inguinal hernia, without obstruction or gangrene	K402grp	4	471	278	228	1.22	10.47	0.0231
Meibomian Gland Dysfunction Eyelid	H0288grp	5	1,728	933	838	1.11	10.44	0.025
Hallux Rigidus Left Foot	M2022grp	5	388	233	188	1.24	10.41	0.0255
Solitary Cyst Of Right Breast	N6001grp	5	731	416	355	1.17	10.36	0.0269
Fracture Of Shaft Of Femur	S723grp	4	58	45	28	1.6	10.33	0.0273
Other specified disorders of kidney and ureter	N288grp	4	2,144	1,145	1,040	1.1	10.32	0.0274
Other Disorders Of Muscle	M62grp	3	16,041	8,065	7,780	1.04	10.18	0.0301
Other Disorders Of Breast	N64grp	3	5,484	2,826	2,660	1.06	10.10	0.0374
Abnormal findings on diagnostic imaging of liver and biliary tract	R932ngrp	5	1,185	652	575	1.13	10.09	0.0376
Abnormal findings on diagnostic imaging of liver and biliary tract	R932grp	4	1,185	652	575	1.13	10.09	0.0376
Other Hypotension	I958grp	4	557	323	270	1.2	10.06	0.0384
Unspecified Fall	W19grp	3	6,532	3,349	3,168	1.06	10.05	0.0387
Unspecified fall	W19Xgrp	4	6,532	3,349	3,168	1.06	10.05	0.0387
Unspecified fall	W19XXgrp	5	6,532	3,349	3,168	1.06	10.05	0.0387
Bilateral primary osteoarthritis of hip	M160ngrp	5	2,385	1,266	1,157	1.09	10.02	0.0394
Bilateral primary osteoarthritis of hip	M160grp	4	2,385	1,266	1,157	1.09	10.02	0.0394
Other Fecal Abnormalities	R195grp	4	2,386	1,266	1,157	1.09	9.93	0.0429
Other Fecal Abnormalities	R195ngrp	5	2,386	1,266	1,157	1.09	9.93	0.0429
Fall on same level from slipping, tripping and stumbling without subsequent striking against object	W010grp	4	2,618	1,383	1,270	1.09	9.81	0.0456

Table 2c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Fall on same level from slipping, tripping and stumbling without subsequent striking against object	W010Xgrp	5	2,618	1,383	1,270	1.09	9.81	0.0456
Unspecified Astigmatism	H5220grp	5	2,622	1,385	1,272	1.09	9.81	0.0456
Other Specified Disorders Of Brain	G938grp	4	1,570	849	761	1.12	9.77	0.0464
Calculus Of Lower Urinary Tract	N21grp	3	398	237	193	1.23	9.76	0.049

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 2d. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Wegovy on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting								
Nausea With Vomiting Unspecified	R112ngrp	5	603	459	315	1.47	74.60	0.0001
Nausea With Vomiting Unspecified	R112grp	4	603	459	315	1.47	74.60	0.0001
Nausea And Vomiting	R11grp	3	973	676	509	1.35	62.07	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	171	156	89	1.75	61.83	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	182	164	95	1.73	61.36	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	109	100	57	1.76	40.60	0.0001
Volume Depletion	E86grp	3	265	201	139	1.46	31.55	0.0001
Dehydration	E860grp	4	229	177	120	1.49	30.87	0.0001
Dehydration	E860ngrp	5	229	177	120	1.49	30.87	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	62	56	32	1.73	21.09	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	43	40	22	1.78	17.30	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	43	40	22	1.78	17.30	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	57	49	30	1.65	14.61	0.0001
Vomiting	R111grp	4	114	87	60	1.46	14.05	0.0001
Vomiting Unspecified	R1110grp	5	102	78	53	1.47	12.74	0.0002
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	207	141	108	1.31	10.78	0.002
Diarrhea Unspecified	R197ngrp	5	309	199	162	1.24	9.38	0.0078
Diarrhea Unspecified	R197grp	4	309	199	162	1.24	9.38	0.0078

Table 2d. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Wegovy on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	336	213	176	1.22	8.56	0.0162
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	191	127	100	1.27	7.97	0.0317
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	191	127	100	1.27	7.97	0.0317
Other Diseases Of Digestive System	K92grp	3	72	54	38	1.44	7.87	0.0383
Inpatient, Emergency Department, or Outpatient Setting								
Nausea And Vomiting	R11grp	3	3,052	2077	1,349	1.55	356.16	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	1,211	890	535	1.67	214.35	0.0001
Nausea With Vomiting Unspecified	R112grp	4	1,211	890	535	1.67	214.35	0.0001
Nausea	R110grp	4	1,558	993	689	1.45	120.52	0.0001
Nausea	R110ngrp	5	1,558	993	689	1.45	120.52	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	383	312	169	1.84	112.61	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	415	331	183	1.81	110.30	0.0001
Other functional intestinal disorders	K59grp	3	1,575	965	696	1.39	92.80	0.0001
Constipation	K590grp	4	1,535	941	679	1.39	90.78	0.0001
Volume Depletion	E86grp	3	426	306	188	1.63	66.61	0.0001
Dehydration	E860ngrp	5	374	275	165	1.66	66.18	0.0001
Dehydration	E860grp	4	374	275	165	1.66	66.18	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	157	137	69	1.97	63.65	0.0001
Constipation Unspecified	K5900grp	5	999	616	442	1.4	61.48	0.0001
Abnormal and inconclusive findings on diagnostic imaging of breast	R92grp	3	1,834	1037	811	1.28	56.41	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	225	175	99	1.76	52.87	0.0001

Table 2d. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Wegovy on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Drug Induced Constipation	K5903grp	5	118	96	52	1.84	34.45	0.0001
Vomiting	R111grp	4	283	194	125	1.55	34.11	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	154	118	68	1.73	33.60	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	154	118	68	1.73	33.60	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	1,654	893	731	1.22	31.98	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928ngrp	5	804	467	355	1.31	31.19	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928grp	4	804	467	355	1.31	31.19	0.0001
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	164	122	73	1.68	30.80	0.0001
Vomiting Unspecified	R1110grp	5	238	165	105	1.57	30.59	0.0001
Diarrhea Unspecified	R197ngrp	5	1,072	597	474	1.26	28.49	0.0001
Diarrhea Unspecified	R197grp	4	1,072	597	474	1.26	28.49	0.0001
Seborrheic Keratosis	L82grp	3	2,322	1199	1,027	1.17	25.97	0.0001
Other Disorders Of Pigmentation	L81grp	3	2,158	1115	954	1.17	24.33	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	50	45	22	2.04	23.40	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	50	45	22	2.04	23.40	0.0001
Other Melanin Hyperpigmentation	L814grp	4	1,614	844	714	1.18	21.32	0.0001
Other Melanin Hyperpigmentation	L814ngrp	5	1,614	844	714	1.18	21.32	0.0001
Diverticular disease of large intestine without perforation or abscess	K573grp	4	1,145	615	506	1.22	20.86	0.0001
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	1,072	578	474	1.22	20.38	0.0001
Other Seborrheic Keratosis	L821ngrp	5	1,660	860	734	1.17	19.38	0.0001
Other Seborrheic Keratosis	L821grp	4	1,660	860	734	1.17	19.38	0.0001
Unspecified Lump In Breast	N63grp	3	900	484	398	1.22	16.61	0.0001

Table 2d. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Wegovy on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Other specified disorders of bone density and structure	M858grp	4	524	297	232	1.28	16.40	0.0001
Hemorrhoids and perianal venous thrombosis	K64grp	3	1,678	857	742	1.16	15.99	0.0001
Elevated White Blood Cell Count	D7282grp	5	455	261	201	1.3	15.84	0.0001
Skin changes due to chronic exposure to nonionizing radiation	L57grp	3	1,545	792	683	1.16	15.54	0.0001
Diverticular Disease Of Intestine	K57grp	3	1,357	702	600	1.17	15.51	0.0001
Other disorders of bone density and structure	M85grp	3	566	316	250	1.26	15.38	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	603	334	267	1.25	15.17	0.0001
Other disorders of fluid, electrolyte and acid-base balance	E87grp	3	780	421	345	1.22	14.98	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	81	59	36	1.65	13.63	0.0009
Other specified disorders of bone density and structure, multiple sites	M8589grp	5	158	102	70	1.46	13.22	0.0011
Other specified disorders of white blood cells	D728grp	4	548	302	242	1.25	13.10	0.0011
Other Disorders Synovium And Tendon	M67grp	3	533	294	236	1.25	12.86	0.0015
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	521	288	230	1.25	12.85	0.0015
Noninfective gastroenteritis and colitis, unspecified	K529nggrp	5	521	288	230	1.25	12.85	0.0015
Fracture Of Shoulder And Upper Arm	S42grp	3	43	35	19	1.84	12.58	0.0015
Acute Kidney Failure	N17grp	3	188	117	83	1.41	12.31	0.0019
Abnormal findings on diagnostic imaging of other specified body structures	R938grp	4	364	208	161	1.29	12.25	0.002
Biomechanical lesions, not elsewhere classified	M99grp	3	1,514	765	669	1.14	12.23	0.0026
Other Diseases Of Intestine	K63grp	3	1,312	669	580	1.15	12.19	0.0027
Other Disorders White Blood Cells	D72grp	3	593	322	262	1.23	12.16	0.0027
Other Constipation	K5909grp	5	229	138	101	1.36	11.88	0.0033
First Degree Hemorrhoids	K640nggrp	5	287	168	127	1.32	11.85	0.0034
First Degree Hemorrhoids	K640grp	4	287	168	127	1.32	11.85	0.0034
Abnormal Weight Loss	R634grp	4	262	155	116	1.34	11.78	0.0035

Table 2d. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Wegovy on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Abnormal Weight Loss	R634ngrp	5	262	155	116	1.34	11.78	0.0035
Type 2 Diabetes Mellitus	E11grp	3	1,014	525	448	1.17	11.71	0.0036
Abnormal findings on diagnostic imaging of other specified body structures	R9389grp	5	361	205	160	1.28	11.49	0.0039
Other Disorders Of Muscle	M62grp	3	1,662	831	735	1.13	11.28	0.006
Other Disturbances Skin Sensation	R208grp	4	468	258	207	1.25	11.23	0.0063
Other Disturbances Skin Sensation	R208ngrp	5	468	258	207	1.25	11.23	0.0063
Segmental And Somatic Dysfunction	M990grp	4	1,398	706	618	1.14	11.19	0.0063
Mammographic density found on imaging of breast	R923grp	4	422	235	187	1.26	11.18	0.0064
Inconclusive Mammogram	R922ngrp	5	383	215	169	1.27	10.96	0.0073
Inconclusive Mammogram	R922grp	4	383	215	169	1.27	10.96	0.0073
Disorders Refraction Accommodation	H52grp	3	1,538	771	680	1.13	10.91	0.0075
Abdominal And Pelvic Pain	R10grp	3	3,383	1629	1,496	1.09	10.73	0.0086
Other Specified Disorders Of Breast	N6489grp	5	515	280	228	1.23	10.70	0.0087
Pain Associated With Micturition	R30grp	3	1,232	625	545	1.15	10.59	0.0111
Other skin changes due to chronic exposure to nonionizing radiation	L578grp	4	864	449	382	1.18	10.49	0.0119
Other skin changes due to chronic exposure to nonionizing radiation	L578ngrp	5	864	449	382	1.18	10.49	0.0119
Other Specified Disorders Of Muscle	M628grp	4	1,457	731	644	1.14	10.48	0.0119
Shoulder Lesions	M75grp	3	719	379	318	1.19	10.47	0.0119
Dysuria	R300ngrp	5	1,164	592	515	1.15	10.40	0.0131
Dysuria	R300grp	4	1,164	592	515	1.15	10.40	0.0131
Acute Kidney Failure Unspecified	N179ngrp	5	168	103	74	1.39	9.89	0.0171
Acute Kidney Failure Unspecified	N179grp	4	168	103	74	1.39	9.89	0.0171
Other Specified Disorders Of Breast	N648grp	4	528	284	233	1.22	9.75	0.0258
UTI site Not Specified	N390grp	4	1,223	616	541	1.14	9.37	0.0297
UTI site Not Specified	N390ngrp	5	1,223	616	541	1.14	9.37	0.0297
Other specified follicular disorders	L738grp	4	316	178	140	1.27	9.33	0.0315
Other specified follicular disorders	L738ngrp	5	316	178	140	1.27	9.33	0.0315

Table 2d. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Wegovy on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Hypotension	I95grp	3	224	131	99	1.32	9.18	0.0332
Other Follicular Disorders	L73grp	3	657	345	290	1.19	9.12	0.0365

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Total Node								
			Outcomes Among	Node Outcomes	Expected Node			
			Risk and Control	Semaglutide	Outcomes Among	Relative		
Node Name	Node ID	Node Level	Groups	Initiators	Exposure Initiators	Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting								
Nausea And Vomiting	R11grp	3	7,825	4947	3,991	1.24	240.46	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	4,086	2753	2,084	1.32	226.02	0.0001
Nausea With Vomiting Unspecified	R112grp	4	4,086	2753	2,084	1.32	226.02	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	865	657	441	1.49	113.76	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	393	335	200	1.67	102.52	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	3,745	2294	1,910	1.2	80.09	0.0001
Diarrhea Unspecified	R197grp	4	3,231	1993	1,648	1.21	74.97	0.0001
Diarrhea Unspecified	R197ngrp	5	3,231	1993	1,648	1.21	74.97	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	1,371	921	699	1.32	73.57	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	2,197	1402	1,121	1.25	73.50	0.0001
Abdominal And Pelvic Pain	R10grp	3	7,671	4385	3,913	1.12	59.34	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	1,944	1228	992	1.24	58.54	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	1,944	1228	992	1.24	58.54	0.0001
Other functional intestinal disorders	K59grp	3	3,440	2042	1,755	1.17	48.71	0.0001
Constipation	K590grp	4	3,287	1947	1,677	1.16	45.12	0.0001
Constipation Unspecified	K5900grp	5	2,896	1729	1,477	1.17	44.41	0.0001
Vomiting	R111grp	4	1,275	809	650	1.24	40.17	0.0001
Vomiting Unspecified	R1110grp	5	1,169	742	596	1.25	36.95	0.0001
Volume Depletion	E86grp	3	6,531	3666	3,331	1.1	34.90	0.0001

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	423	297	216	1.38	32.24	0.0001
Other Diseases Stomach And Duodenum	K31grp	3	1,058	663	540	1.23	29.20	0.0001
Gastritis And Duodenitis	K29grp	3	1,365	834	696	1.2	28.17	0.0001
Dehydration	E860ngrp	5	5,235	2934	2,670	1.1	26.97	0.0001
Dehydration	E860grp	4	5,235	2934	2,670	1.1	26.97	0.0001
Pain Localized To Upper Abdomen	R101grp	4	1,881	1112	959	1.16	25.02	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	914	571	466	1.23	24.38	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	914	571	466	1.23	24.38	0.0001
Paralytic ileus and intestinal obstruction without hernia	K56grp	3	1,075	657	548	1.2	22.25	0.0001
Other Diseases Of Pancreas	K86grp	3	467	308	238	1.29	21.31	0.0001
Diverticular Disease Of Intestine	K57grp	3	2,411	1387	1,230	1.13	20.72	0.0001
Hypotension	I95grp	3	3,554	2003	1,813	1.11	20.59	0.0001
Other specified diseases of stomach and duodenum	K318grp	4	836	517	426	1.21	19.89	0.0001
Other Diseases Of Intestine	K63grp	3	834	515	425	1.21	19.51	0.0001
Other Abdominal Pain	R108grp	4	1,082	654	552	1.19	19.49	0.0001
Epigastric Pain	R1013grp	5	904	554	461	1.2	19.33	0.0001
Calculus Of Kidney And Ureter	N20grp	3	1,591	931	812	1.15	18.12	0.0001
Gastroparesis	K3184grp	5	423	277	216	1.28	18.09	0.0001
Generalized Abdominal Pain	R1084grp	5	917	557	468	1.19	17.58	0.0001
Other Diseases Of Digestive System	K92grp	3	1,421	835	725	1.15	17.26	0.0001
Fracture Of Femur	S72grp	3	398	261	203	1.29	17.24	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	37	35	19	1.85	17.21	0.0001

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Acute Pancreatitis	K85grp	3	547	347	279	1.24	17.17	0.0001
Other Specified Diseases Intestine	K638grp	4	492	315	251	1.26	16.96	0.0001
Other Specified Diseases Intestine	K6389grp	5	487	311	248	1.25	16.36	0.0001
Other Specified Diseases Pancreas	K8689grp	5	245	169	125	1.35	16.29	0.0001
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	34	32	17	1.85	15.36	0.0003
Flatulence And Related Conditions	R14grp	3	955	572	487	1.17	15.25	0.0003
Ileus Unspecified	K567ngrp	5	372	242	190	1.28	14.96	0.0003
Ileus Unspecified	K567grp	4	372	242	190	1.28	14.96	0.0003
Pneumonitis due to inhalation of food and vomit	J690grp	4	565	352	288	1.22	14.61	0.0003
Pneumonitis due to inhalation of food and vomit	J690ngrp	5	565	352	288	1.22	14.61	0.0003
Other Specified Diseases Pancreas	K868grp	4	251	170	128	1.33	14.39	0.0003
Pneumonitis due to solids and liquids	J69grp	3	577	358	294	1.22	14.25	0.0003
Other Disorders Of Brain	G93grp	3	3,051	1702	1,556	1.09	14.07	0.0003
Gastritis, unspecified, without bleeding	K2970grp	5	578	358	295	1.21	13.99	0.0003
Gastritis Unspecified	K297grp	4	656	401	335	1.2	13.60	0.0003
Nausea	R110grp	4	2,464	1385	1,257	1.1	13.46	0.0003
Nausea	R110ngrp	5	2,464	1385	1,257	1.1	13.46	0.0003
Diverticular disease of large intestine without perforation or abscess	K573grp	4	1,703	975	869	1.12	13.40	0.0003
Calculus Of Kidney	N200grp	4	1,149	673	586	1.15	13.27	0.0004
Calculus Of Kidney	N200ngrp	5	1,149	673	586	1.15	13.27	0.0004
Unspecified adverse effect of drug or	T887grp	4	111	83	57	1.47	13.17	0.0004
Unspecified adverse effect of drug or	T887Xgrp	5	111	83	57	1.47	13.17	0.0004
Unspecified Abdominal Pain	R109grp	4	2,750	1534	1,403	1.09	12.66	0.0013
Unspecified Abdominal Pain	R109ngrp	5	2,750	1534	1,403	1.09	12.66	0.0013
Orthostatic Hypotension	I951grp	4	700	423	357	1.19	12.56	0.0013
Orthostatic Hypotension	I951ngrp	5	700	423	357	1.19	12.56	0.0013
Polyp Of Stomach And Duodenum	K317grp	4	91	69	46	1.49	11.82	0.0023
Polyp Of Stomach And Duodenum	K317ngrp	5	91	69	46	1.49	11.82	0.0023

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node		Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups						
Other & Unspecified Encephalopathy	G934grp	4	2,240		1257	1,143	1.1	11.79	0.0023
Fracture Of Shaft Of Femur	S723grp	4	28		26	14	1.82	11.73	0.0026
Anorexia	R630ngrp	5	306		198	156	1.27	11.69	0.0026
Anorexia	R630grp	4	306		198	156	1.27	11.69	0.0026
Severe Sepsis With Septic Shock	R6521grp	5	560		342	286	1.2	11.47	0.0032
Acute Kidney Failure	N17grp	3	8,418		4511	4,294	1.05	11.43	0.0044
Shock Not Elsewhere Classified	R57grp	3	713		426	364	1.17	11.00	0.0068
Abdominal Distension Gaseous	R140ngrp	5	855		504	436	1.16	10.88	0.0074
Abdominal Distension Gaseous	R140grp	4	855		504	436	1.16	10.88	0.0074
Unspecified fall	W19Xgrp	4	2,356		1313	1,202	1.09	10.60	0.0115
Unspecified fall	W19XXgrp	5	2,356		1313	1,202	1.09	10.60	0.0115
Unspecified Fall	W19grp	3	2,356		1313	1,202	1.09	10.60	0.0115
Disease Of Pancreas Unspecified	K869ngrp	5	71		55	36	1.52	10.56	0.0118
Disease Of Pancreas Unspecified	K869grp	4	71		55	36	1.52	10.56	0.0118
Toxic Gastroenteritis And Colitis	K521ngrp	5	145		101	74	1.37	10.40	0.013
Toxic Gastroenteritis And Colitis	K521grp	4	145		101	74	1.37	10.40	0.013
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933ngrp	5	221		146	113	1.3	10.23	0.0139
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933grp	4	221		146	113	1.3	10.23	0.0139
Acute Kidney Failure Unspecified	N179grp	4	7,630		4087	3,892	1.05	10.16	0.0143
Acute Kidney Failure Unspecified	N179ngrp	5	7,630		4087	3,892	1.05	10.16	0.0143
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	222		146	113	1.29	9.87	0.0232
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	1,371		779	699	1.11	9.33	0.0428
Acute Pancreatitis Unspecified	K859grp	4	371		230	189	1.22	9.07	0.0489
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129grp	4	3,482		1901	1,776	1.07	9.05	0.0497

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129ngrp	5	3,482	1901	1,776	1.07	9.05	0.0497
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	364	226	186	1.22	9.05	0.0498
Inpatient, Emergency Department, or Outpatient Setting								
Nausea And Vomiting	R11grp	3	19,341	12,480	9,434	1.33	979.21	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	7,810	5,280	3,809	1.39	566.16	0.0001
Nausea With Vomiting Unspecified	R112grp	4	7,810	5,280	3,809	1.39	566.16	0.0001
Nausea	R110ngrp	5	8,899	5,491	4,341	1.27	300.83	0.0001
Nausea	R110grp	4	8,899	5,491	4,341	1.27	300.83	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	2,076	1,439	1,013	1.42	179.43	0.0001
Other functional intestinal disorders	K59grp	3	12,774	7,277	6,231	1.17	172.74	0.0001
Constipation	K590grp	4	12,137	6,938	5,920	1.17	172.09	0.0001
Abdominal And Pelvic Pain	R10grp	3	25,167	13,655	12,275	1.11	152.95	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	2,768	1,804	1,350	1.34	151.06	0.0001
Constipation Unspecified	K5900grp	5	8,934	5,161	4,358	1.19	145.46	0.0001
Vomiting	R111grp	4	2,632	1,709	1,284	1.33	139.36	0.0001
Age-Related Cataract	H25grp	3	24,048	13,014	11,730	1.11	138.67	0.0001
Vomiting Unspecified	R1110grp	5	2,362	1,543	1,152	1.34	131.33	0.0001
Disorders Refraction Accommodation	H52grp	3	25,015	13,446	12,201	1.1	125.24	0.0001
Volume Depletion	E86grp	3	8,517	4,836	4,154	1.16	109.78	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	1,451	974	708	1.38	99.53	0.0001

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	15,795	8,569	7,704	1.11	95.41	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	568	437	277	1.58	94.65	0.0001
Dehydration	E860ngrp	5	6,988	3,977	3,408	1.17	93.00	0.0001
Dehydration	E860grp	4	6,988	3,977	3,408	1.17	93.00	0.0001
Diarrhea Unspecified	R197ngrp	5	10,369	5,748	5,058	1.14	92.47	0.0001
Diarrhea Unspecified	R197grp	4	10,369	5,748	5,058	1.14	92.47	0.0001
Age-Related Nuclear Cataract	H251grp	4	14,492	7,786	7,069	1.1	71.50	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	5,618	3,183	2,740	1.16	70.11	0.0001
Cyst Of Kidney Acquired	N281grp	4	5,554	3,147	2,709	1.16	69.39	0.0001
Cyst Of Kidney Acquired	N281ngrp	5	5,554	3,147	2,709	1.16	69.39	0.0001
Other disorders of kidney and ureter, not elsewhere classified	N28grp	3	11,031	5,988	5,380	1.11	67.28	0.0001
Acute Kidney Failure	N17grp	3	11,363	6,150	5,542	1.11	65.33	0.0001
Unspecified adverse effect of drug or	T887grp	4	721	503	352	1.43	65.11	0.0001
Unspecified adverse effect of drug or	T887Xgrp	5	721	503	352	1.43	65.11	0.0001
Age-related nuclear cataract, bilateral	H2513grp	5	13,006	6,992	6,344	1.1	65.00	0.0001
Diverticular Disease Of Intestine	K57grp	3	14,576	7,795	7,110	1.1	64.89	0.0001
Hypotension	I95grp	3	6,365	3,545	3,105	1.14	61.20	0.0001
Acute Kidney Failure Unspecified	N179grp	4	10,380	5,623	5,063	1.11	60.74	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	10,380	5,623	5,063	1.11	60.74	0.0001
Cholelithiasis	K80grp	3	4,438	2,529	2,165	1.17	60.07	0.0001
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	997	656	486	1.35	58.66	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	4,798	2,713	2,340	1.16	58.15	0.0001

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	4,798	2,713	2,340	1.16	58.15	0.0001
Spondylosis	M47grp	3	17,094	9,031	8,338	1.08	56.65	0.0001
Diverticular disease of large intestine without perforation or abscess	K573grp	4	11,824	6,333	5,767	1.1	54.43	0.0001
Other Spondylosis	M478grp	4	13,926	7,398	6,793	1.09	52.98	0.0001
Pain Localized To Upper Abdomen	R101grp	4	6,512	3,590	3,176	1.13	52.77	0.0001
Dry Eye Syndrome	H0412grp	5	11,207	6,001	5,466	1.1	51.28	0.0001
Calculus of gallbladder without cholecystitis without obstruction	K8020grp	5	3,657	2,088	1,784	1.17	50.83	0.0001
Other Disorders Of Lacrimal Gland	H041grp	4	11,224	6,007	5,475	1.1	50.77	0.0001
Spondylosis without myelopathy or	M4781grp	5	12,336	6,574	6,017	1.09	50.58	0.0001
Calculus of gallbladder without cholecystitis	K802grp	4	3,681	2,099	1,795	1.17	50.27	0.0001
Other Abdominal Pain	R108grp	4	3,238	1,864	1,579	1.18	50.25	0.0001
Abnormal and inconclusive findings on diagnostic imaging of breast	R92grp	3	7,360	4,017	3,590	1.12	49.77	0.0001
Disorders Of Lacrimal System	H04grp	3	11,721	6,248	5,717	1.09	48.36	0.0001
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	11,099	5,928	5,414	1.1	47.92	0.0001
Calculus Of Kidney And Ureter	N20grp	3	5,758	3,177	2,809	1.13	47.33	0.0001
Unspecified Abdominal Pain	R109grp	4	8,440	4,562	4,117	1.11	47.19	0.0001
Unspecified Abdominal Pain	R109ngrp	5	8,440	4,562	4,117	1.11	47.19	0.0001
Other specified disorders of bone density and structure	M858grp	4	8,663	4,672	4,225	1.11	46.23	0.0001
Generalized Abdominal Pain	R1084grp	5	2,760	1,597	1,346	1.19	45.77	0.0001
Combine Forms Age-Relate Cataract	H2581grp	5	6,370	3,486	3,107	1.12	45.26	0.0001
Other disorders of bone density and structure	M85grp	3	9,147	4,914	4,462	1.1	44.96	0.0001
Other Age-Related Cataract	H258grp	4	6,514	3,556	3,177	1.12	44.20	0.0001
Abnormal findings on diagnostic imaging of other body structures	R93grp	3	9,891	5,290	4,824	1.1	44.03	0.0001

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Gastroparesis	K3184grp	5	1,359	834	663	1.26	43.44	0.0001
Epigastric Pain	R1013grp	5	3,260	1,855	1,590	1.17	43.21	0.0001
Seborrheic Keratosis	L82grp	3	14,744	7,754	7,192	1.08	43.19	0.0001
Paralytic ileus and intestinal obstruction without hernia	K56grp	3	1,677	1,005	818	1.23	41.97	0.0001
Hypermetropia	H520grp	4	4,966	2,743	2,422	1.13	41.58	0.0001
Other Diseases Stomach And Duodenum	K31grp	3	6,955	3,764	3,392	1.11	39.86	0.0001
Disorders Of Vitreous Body	H43grp	3	12,645	6,662	6,168	1.08	38.86	0.0001
Calculus Of Kidney	N200ngrp	5	4,828	2,658	2,355	1.13	38.18	0.0001
Calculus Of Kidney	N200grp	4	4,828	2,658	2,355	1.13	38.18	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	1,337	810	652	1.24	37.53	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	1,337	810	652	1.24	37.53	0.0001
Gastritis And Duodenitis	K29grp	3	8,300	4,436	4,048	1.1	36.34	0.0001
Other specified diseases of stomach and duodenum	K318grp	4	4,379	2,417	2,136	1.13	36.20	0.0001
Other Diseases Of Pancreas	K86grp	3	1,843	1,081	899	1.2	36.14	0.0001
Hypermetropia Bilateral	H5203grp	5	3,995	2,214	1,949	1.14	35.37	0.0001
Acute Pancreatitis	K85grp	3	862	543	420	1.29	35.20	0.0001
Glaucoma	H40grp	3	9,931	5,255	4,844	1.09	34.18	0.0001
Other Disorders Of Brain	G93grp	3	4,797	2,625	2,340	1.12	34.02	0.0001
Other Diseases Of Digestive System	K92grp	3	3,625	2,012	1,768	1.14	32.91	0.0001
Diaphragmatic Hernia	K44grp	3	6,148	3,315	2,999	1.11	32.64	0.0001
Other Retinal Disorders	H35grp	3	12,954	6,774	6,318	1.07	32.22	0.0001
Other Melanin Hyperpigmentation	L814grp	4	7,721	4,116	3,766	1.09	31.85	0.0001
Other Melanin Hyperpigmentation	L814ngrp	5	7,721	4,116	3,766	1.09	31.85	0.0001

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Diaphragmatic hernia without obstruction or gangrene	K449ngrp	5	6,121	3,297	2,986	1.1	31.79	0.0001
Diaphragmatic hernia without obstruction or gangrene	K449grp	4	6,121	3,297	2,986	1.1	31.79	0.0001
Glaucoma Suspect	H400grp	4	8,179	4,349	3,989	1.09	31.74	0.0001
Hypotension Unspecified	I959grp	4	3,663	2,026	1,787	1.13	31.36	0.0001
Hypotension Unspecified	I959ngrp	5	3,663	2,026	1,787	1.13	31.36	0.0001
Other Specified Diseases Pancreas	K8689grp	5	839	523	409	1.28	31.13	0.0001
Astigmatism	H522grp	4	6,469	3,472	3,155	1.1	31.11	0.0001
Presbyopia	H524grp	4	7,553	4,026	3,684	1.09	31.08	0.0001
Presbyopia	H524ngrp	5	7,553	4,026	3,684	1.09	31.08	0.0001
Hepatomegaly and splenomegaly, not elsewhere classified	R16grp	3	4,705	2,564	2,295	1.12	30.87	0.0001
Skin changes due to chronic exposure to nonionizing radiation	L57grp	3	11,024	5,787	5,377	1.08	30.64	0.0001
Other Disorders Of Pigmentation	L81grp	3	9,961	5,247	4,859	1.08	30.43	0.0001
Tinea Unguium	B351grp	4	9,189	4,849	4,482	1.08	29.43	0.0001
Tinea Unguium	B351ngrp	5	9,189	4,849	4,482	1.08	29.43	0.0001
Acquired Deformities Fingers & Toes	M20grp	3	6,631	3,544	3,234	1.1	29.02	0.0001
Other Disorders Of Vitreous Body	H438grp	4	8,359	4,423	4,077	1.09	28.72	0.0001
Vitreous Degeneration	H4381grp	5	7,782	4,125	3,796	1.09	27.96	0.0001
Mammographic density found on imaging of breast	R923grp	4	1,287	760	628	1.21	27.31	0.0001
Other Disorders Of Eyelid	H02grp	3	6,106	3,263	2,978	1.1	26.64	0.0001
Hepatomegaly, not elsewhere classified	R160grp	4	3,031	1,679	1,478	1.14	26.62	0.0001
Hepatomegaly, not elsewhere classified	R160ngrp	5	3,031	1,679	1,478	1.14	26.62	0.0001
Other & Unspecified Encephalopathy	G934grp	4	2,574	1,438	1,255	1.15	25.95	0.0001
Other Specified Diseases Pancreas	K868grp	4	957	577	467	1.24	25.54	0.0001
Ileus Unspecified	K567grp	4	433	285	211	1.35	25.54	0.0001
Ileus Unspecified	K567ngrp	5	433	285	211	1.35	25.54	0.0001

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Foreign body in stomach	T182Xgrp	5	254	180	124	1.45	25.48	0.0001
Foreign Body In Stomach	T182grp	4	254	180	124	1.45	25.48	0.0001
Other Seborrheic Keratosis	L821ngrp	5	9,766	5,115	4,763	1.07	25.42	0.0001
Other Seborrheic Keratosis	L821grp	4	9,766	5,115	4,763	1.07	25.42	0.0001
Other and unspecified injuries of head	S09grp	3	4,734	2,554	2,309	1.11	25.42	0.0001
Other specified disorders of bone density and structure, thigh	M8585grp	5	2,126	1,201	1,037	1.16	25.38	0.0001
Other Specified Diseases Intestine	K6389grp	5	2,209	1,244	1,077	1.15	25.18	0.0001
Other Specified Diseases Intestine	K638grp	4	2,233	1,256	1,089	1.15	25.00	0.0001
Unspecified Injury Of Face And Head	S099grp	4	4,383	2,370	2,138	1.11	24.66	0.0001
Anorexia	R630grp	4	893	540	436	1.24	24.58	0.0001
Anorexia	R630ngrp	5	893	540	436	1.24	24.58	0.0001
Other Diseases Of Liver	K76grp	3	14,433	7,459	7,040	1.06	24.50	0.0001
Other Diseases Of Gallbladder	K82grp	3	1,853	1,053	904	1.17	24.09	0.0001
Regular Astigmatism	H5222grp	5	3,980	2,157	1,941	1.11	23.44	0.0001
Syncope And Collapse	R55nnggrp	5	6,265	3,325	3,056	1.09	23.20	0.0001
Syncope And Collapse	R55ngrp	4	6,265	3,325	3,056	1.09	23.20	0.0001
Syncope And Collapse	R55grp	3	6,265	3,325	3,056	1.09	23.20	0.0001
Age-Related Incipient Cataract	H250grp	4	2,671	1,478	1,303	1.13	23.04	0.0001
Foreign Body In Alimentary Tract	T18grp	3	496	316	242	1.31	22.37	0.0001
Other specified diseases of gallbladder	K828grp	4	1,162	680	567	1.2	22.16	0.0001
Other specified diseases of gallbladder	K828ngrp	5	1,162	680	567	1.2	22.16	0.0001
Unspecified Injury Of Head	S0990grp	5	3,963	2,142	1,933	1.11	22.10	0.0001
Other Specified Disorders Of Eyelid	H028grp	4	4,059	2,191	1,980	1.11	22.03	0.0001
Obstructive And Reflux Uropathy	N13grp	3	4,075	2,199	1,988	1.11	21.98	0.0001
Other Spondylopathies	M48grp	3	11,580	6,000	5,648	1.06	21.48	0.0001
Other specified disorders of bone density and structure, multiple sites	M8589grp	5	2,045	1,145	997	1.15	21.34	0.0001
Upper Abdominal Pain, Unspecified	R1010grp	5	679	415	331	1.25	20.84	0.0001
Abnormal Electrocardiogram	R9431grp	5	13,921	7,169	6,790	1.06	20.75	0.0001

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Other specified disorders of bone density and structure, other site	M8588grp	5	1,532	872	747	1.17	20.38	0.0001
Other Diseases Of Intestine	K63grp	3	10,883	5,639	5,308	1.06	20.19	0.0001
Abnormal results of cardiovascular function studies	R943grp	4	16,580	8,494	8,087	1.05	20.12	0.0001
Nail Disorders	L60grp	3	8,489	4,432	4,141	1.07	20.08	0.0001
Elevated White Blood Cell Count	D7282grp	5	6,346	3,347	3,095	1.08	20.02	0.0001
Flatulence And Related Conditions	R14grp	3	4,479	2,396	2,185	1.1	19.99	0.0001
Dermatophytosis	B35grp	3	12,945	6,669	6,314	1.06	19.57	0.0001
Other specified disorders of white blood cells	D728grp	4	7,037	3,693	3,432	1.08	19.37	0.0001
Hemorrhoids and perianal venous thrombosis	K64grp	3	11,425	5,903	5,573	1.06	19.20	0.0001
Atrioventricular and left bundle-branch block	I44grp	3	5,181	2,749	2,527	1.09	19.06	0.0001
Severe Sepsis With Septic Shock	R6521grp	5	611	374	298	1.26	19.03	0.0001
Acute Pancreatitis Unspecified	K859grp	4	608	372	297	1.25	18.86	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	56	49	27	1.79	18.76	0.0001
Shock Not Elsewhere Classified	R57grp	3	742	445	362	1.23	18.71	0.0001
Pneumonitis due to solids and liquids	J69grp	3	671	406	327	1.24	18.58	0.0001
Mammographic calcification found on diagnostic	R921grp	4	1,526	863	744	1.16	18.51	0.0001
Mammographic calcification found on diagnostic	R921ngrp	5	1,526	863	744	1.16	18.51	0.0001
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	595	364	290	1.25	18.43	0.0001
Other Disorders White Blood Cells	D72grp	3	7,395	3,867	3,607	1.07	18.35	0.0001
Other skin changes due to chronic exposure to nonionizing radiation	L578ngrp	5	3,822	2,050	1,864	1.1	18.10	0.0001
Other skin changes due to chronic exposure to nonionizing radiation	L578grp	4	3,822	2,050	1,864	1.1	18.10	0.0001
Symptoms and signs specifically associated with systemic inflammation and infection	R65grp	3	2,677	1,461	1,306	1.12	18.05	0.0001
Inflamed Seborrheic Keratosis	L820ngrp	5	4,978	2,639	2,428	1.09	17.92	0.0001
Inflamed Seborrheic Keratosis	L820grp	4	4,978	2,639	2,428	1.09	17.92	0.0001

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Degeneration of macula and posterior pole	H353grp	4	7,637	3,985	3,725	1.07	17.76	0.0001
Pneumonitis due to inhalation of food and vomit	J690grp	4	648	391	316	1.24	17.44	0.0001
Pneumonitis due to inhalation of food and vomit	J690ngrp	5	648	391	316	1.24	17.44	0.0001
Fracture Of Femur	S72grp	3	606	368	296	1.25	17.42	0.0001
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	53	46	26	1.78	17.02	0.0001
Other Diseases Of Biliary Tract	K83grp	3	978	568	477	1.19	16.99	0.0001
Weakness	R531ngrp	5	7,110	3,712	3,468	1.07	16.81	0.0001
Weakness	R531grp	4	7,110	3,712	3,468	1.07	16.81	0.0001
Other specified and unspecified injuries of neck	S19grp	3	2,106	1,159	1,027	1.13	16.53	0.0001
Gastritis Unspecified	K297grp	4	2,576	1,402	1,256	1.12	16.48	0.0001
Other degenerative diseases of nervous system, not elsewhere classified	G31grp	3	3,019	1,630	1,473	1.11	16.46	0.0001
Acute Posthemorrhagic Anemia	D62grp	3	2,351	1,285	1,147	1.12	16.30	0.0002
Acute Posthemorrhagic Anemia	D62ngrp	4	2,351	1,285	1,147	1.12	16.30	0.0002
Acute Posthemorrhagic Anemia	D62nngp	5	2,351	1,285	1,147	1.12	16.30	0.0002
Functional Dyspepsia	K30grp	3	1,297	735	633	1.16	16.21	0.0002
Functional Dyspepsia	K30nngp	5	1,297	735	633	1.16	16.21	0.0002
Functional Dyspepsia	K30ngp	4	1,297	735	633	1.16	16.21	0.0002
Spinal Stenosis	M480grp	4	10,860	5,593	5,297	1.06	16.20	0.0002
Severe Sepsis	R652grp	4	1,955	1,079	954	1.13	16.13	0.0002
Orthostatic Hypotension	I951grp	4	1,719	956	838	1.14	16.11	0.0002
Orthostatic Hypotension	I951ngp	5	1,719	956	838	1.14	16.11	0.0002
Disease Of Pancreas Unspecified	K869grp	4	227	153	111	1.38	16.04	0.0002
Disease Of Pancreas Unspecified	K869ngp	5	227	153	111	1.38	16.04	0.0002
Unspecified Lump In Breast	N63grp	3	3,469	1,858	1,692	1.1	15.91	0.0002
Gastritis, unspecified, without bleeding	K2970grp	5	2,461	1,339	1,200	1.12	15.65	0.0003
Conductive Sensorineural Hear Loss	H90grp	3	7,339	3,818	3,580	1.07	15.53	0.0003
Difficulty in walking, not elsewhere classified	R262grp	4	3,734	1,991	1,821	1.09	15.46	0.0003
Difficulty in walking, not elsewhere classified	R262ngp	5	3,734	1,991	1,821	1.09	15.46	0.0003

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Cortical Age-Related Cataract	H2501grp	5	1,605	894	783	1.14	15.43	0.0003
Other specified erythematous conditions	L538grp	4	3,850	2,050	1,878	1.09	15.42	0.0003
Other specified erythematous conditions	L538ngrp	5	3,850	2,050	1,878	1.09	15.42	0.0003
Myopia Bilateral	H5213grp	5	3,881	2,065	1,893	1.09	15.28	0.0003
Unspecified Injury Of Neck	S199grp	4	2,027	1,113	989	1.13	15.28	0.0003
Unspecified injury of neck	S199Xgrp	5	2,027	1,113	989	1.13	15.28	0.0003
Myopia	H521grp	4	4,603	2,432	2,245	1.08	15.20	0.0004
Eructation	R142ngrp	5	420	261	205	1.27	15.14	0.0004
Eructation	R142grp	4	420	261	205	1.27	15.14	0.0004
Other Cataract	H26grp	3	7,633	3,963	3,723	1.06	15.14	0.0004
Drug Induced Constipation	K5903grp	5	618	369	301	1.22	14.85	0.0006
Hematemesis	K920grp	4	397	247	194	1.28	14.47	0.0009
Hematemesis	K920ngrp	5	397	247	194	1.28	14.47	0.0009
Other Specified Disorders Bladder	N3289grp	5	1,695	937	827	1.13	14.37	0.0009
Encephalopathy Unspecified	G9340grp	5	971	557	474	1.18	14.37	0.0009
Other Erythematous Conditions	L53grp	3	4,647	2,448	2,267	1.08	14.19	0.0011
Nail Dystrophy	L603grp	4	2,400	1,301	1,171	1.11	14.19	0.0011
Nail Dystrophy	L603ngrp	5	2,400	1,301	1,171	1.11	14.19	0.0011
Degenerative disease of nervous system, unspecified	G319grp	4	1,345	753	656	1.15	14.01	0.0012
Degenerative disease of nervous system, unspecified	G319ngrp	5	1,345	753	656	1.15	14.01	0.0012
Other Secondary Cataract	H2649grp	5	4,971	2,611	2,425	1.08	14.00	0.0012
Secondary Cataract	H264grp	4	5,110	2,681	2,492	1.08	13.95	0.0012
Other Sepsis	A41grp	3	5,324	2,788	2,597	1.07	13.76	0.0013
Actinic Keratosis	L570ngrp	5	6,903	3,584	3,367	1.06	13.68	0.0013
Actinic Keratosis	L570grp	4	6,903	3,584	3,367	1.06	13.68	0.0013
Acute Pain Not Elsewhere Classified	G891grp	4	3,291	1,754	1,605	1.09	13.48	0.0015
Other Hammer Toes Acquired	M204grp	4	3,639	1,931	1,775	1.09	13.41	0.0015
Hypovolemia	E861ngrp	5	886	509	432	1.18	13.37	0.0015

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Hypovolemia	E861grp	4	886	509	432	1.18	13.37	0.0015
Mammographic fibroglandular density of breast	R9232grp	5	751	437	366	1.19	13.36	0.0015
Heartburn	R12nnggrp	5	2,049	1,116	999	1.12	13.29	0.0017
Heartburn	R12grp	3	2,049	1,116	999	1.12	13.29	0.0017
Heartburn	R12nggrp	4	2,049	1,116	999	1.12	13.29	0.0017
Mammographic heterogeneous density of breast	R9233grp	5	204	136	100	1.37	13.28	0.0017
Corns And Callosities	L84grp	3	4,967	2,604	2,423	1.07	13.27	0.0017
Corns And Callosities	L84nggrp	4	4,967	2,604	2,423	1.07	13.27	0.0017
Corns And Callosities	L84nnggrp	5	4,967	2,604	2,423	1.07	13.27	0.0017
Toxic Gastroenteritis And Colitis	K521nggrp	5	313	198	153	1.3	13.27	0.0017
Toxic Gastroenteritis And Colitis	K521grp	4	313	198	153	1.3	13.27	0.0017
Fracture Lower Leg Including Ankle	S82grp	3	1,308	731	638	1.15	13.26	0.0019
Open angle with borderline findings, high risk	H4002grp	5	1,110	627	541	1.16	13.23	0.0021
Fall on same level from slipping, tripping and stumbling	W01grp	3	3,357	1,786	1,637	1.09	13.18	0.0021
Abnormal findings on diagnostic imaging of lung	R91grp	3	12,634	6,450	6,162	1.05	13.17	0.0021
Pain localized to other parts of lower abdomen	R103grp	4	4,757	2,497	2,320	1.08	13.16	0.0021
Other Constipation	K5909grp	5	1,449	803	707	1.14	12.81	0.0026
Retention Of Urine	R33grp	3	3,089	1,647	1,507	1.09	12.77	0.0028
Other & Unspecified Hydronephrosis	N133grp	4	930	530	454	1.17	12.58	0.0028
Other Cerebrovascular Diseases	I67grp	3	4,143	2,182	2,021	1.08	12.57	0.0028
Other Specified Diseases Of Liver	K7689grp	5	1,436	795	700	1.14	12.48	0.0029
Fatty (change of) liver, not elsewhere classified	K760nggrp	5	11,688	5,970	5,701	1.05	12.45	0.0031
Fatty (change of) liver, not elsewhere classified	K760grp	4	11,688	5,970	5,701	1.05	12.45	0.0031
Unspecified Escherichia coli [E. coli] as the cause of diseases classified elsewhere	B9620grp	5	1,331	740	649	1.14	12.41	0.0034
Other Toxic Encephalopathy	G928grp	4	479	288	234	1.23	12.41	0.0034
Other Toxic Encephalopathy	G928nggrp	5	479	288	234	1.23	12.41	0.0034
Spinal Stenosis Cervical Region	M4802grp	5	2,818	1,506	1,375	1.1	12.29	0.0035
Other Acute Postprocedural Pain	G8918grp	5	2,879	1,537	1,404	1.09	12.26	0.0037

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933grp	4	870	497	424	1.17	12.17	0.0045
Abnormal findings on diagnostic imaging of other parts of digestive tract	R933ngrp	5	870	497	424	1.17	12.17	0.0045
Viral and other specified intestinal infections	A08grp	3	1,020	576	498	1.16	12.11	0.0045
Multiple Valve Diseases	I08grp	3	3,834	2,022	1,870	1.08	12.06	0.0045
Sensorineural Hear Loss Bilateral	H903ngrp	5	5,202	2,714	2,537	1.07	12.03	0.0047
Sensorineural Hear Loss Bilateral	H903grp	4	5,202	2,714	2,537	1.07	12.03	0.0047
Other Diseases Of Esophagus	K22grp	3	4,676	2,448	2,281	1.07	11.99	0.005
Other specified diseases of biliary tract	K838ngrp	5	713	413	348	1.19	11.98	0.005
Other specified diseases of biliary tract	K838grp	4	713	413	348	1.19	11.98	0.005
Escherichia coli [E. coli] as the cause of diseases classified elsewhere	B962grp	4	1,421	785	693	1.13	11.91	0.0055
Metabolic Encephalopathy	G9341grp	5	1,412	780	689	1.13	11.82	0.0055
Abnormal Results Function Studies	R94grp	3	21,779	10,978	10,623	1.03	11.69	0.0062
Background retinopathy and retinal vascular changes	H350grp	4	2,756	1,471	1,344	1.09	11.68	0.0067
Shoulder Lesions	M75grp	3	7,035	3,633	3,431	1.06	11.59	0.0076
Melena	K921ngrp	5	2,024	1,095	987	1.11	11.50	0.0086
Melena	K921grp	4	2,024	1,095	987	1.11	11.50	0.0086
Other Specified Diseases Of Liver	K768grp	4	1,480	814	722	1.13	11.49	0.0087
Unspecified Hydronephrosis	N1330grp	5	839	478	409	1.17	11.30	0.0113
Inguinal Hernia	K40grp	3	1,414	779	690	1.13	11.30	0.0113
Unspecified severe protein-calorie malnutrition	E43grp	3	361	221	176	1.26	11.26	0.0114
Unspecified severe protein-calorie malnutrition	E43ngrp	4	361	221	176	1.26	11.26	0.0114
Unspecified severe protein-calorie malnutrition	E43nnggrp	5	361	221	176	1.26	11.26	0.0114
Gastrointestinal hemorrhage, unspecified	K922grp	4	1,096	613	535	1.15	11.24	0.0114
Gastrointestinal hemorrhage, unspecified	K922ngrp	5	1,096	613	535	1.15	11.24	0.0114
Atrioventricular Block First Degree	I440ngrp	5	2,202	1,185	1,074	1.1	11.20	0.0114
Atrioventricular Block First Degree	I440grp	4	2,202	1,185	1,074	1.1	11.20	0.0114

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Hiccough	R066ngrp	5	135	93	66	1.41	11.17	0.0116
Hiccough	R066grp	4	135	93	66	1.41	11.17	0.0116
Hypertensive Retinopathy	H3503grp	5	2,070	1,117	1,010	1.11	11.15	0.0118
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51grp	3	13,691	6,953	6,678	1.04	11.12	0.0122
Hypokalemia	E876grp	4	4,328	2,265	2,111	1.07	10.98	0.0137
Hypokalemia	E876ngrp	5	4,328	2,265	2,111	1.07	10.98	0.0137
Other Specified Disorders Of Breast	N648grp	4	1,718	935	838	1.12	10.98	0.0137
Abnormal findings on diagnostic imaging of liver and biliary tract	R932ngrp	5	993	558	484	1.15	10.95	0.0139
Abnormal findings on diagnostic imaging of liver and biliary tract	R932grp	4	993	558	484	1.15	10.95	0.0139
Abnormal Weight Loss	R634grp	4	2,240	1,203	1,093	1.1	10.90	0.0142
Abnormal Weight Loss	R634ngrp	5	2,240	1,203	1,093	1.1	10.90	0.0142
Hallux Rigidus Left Foot	M2022grp	5	308	191	150	1.27	10.88	0.0151
Other Disorders Synovium And Tendon	M67grp	3	3,345	1,766	1,632	1.08	10.83	0.0161
Other Vitreous Opacities	H433grp	4	3,290	1,738	1,605	1.08	10.82	0.0163
Sepsis Unspecified Organism	A419grp	4	4,082	2,139	1,991	1.07	10.75	0.0203
Sepsis Unspecified Organism	A419ngrp	5	4,082	2,139	1,991	1.07	10.75	0.0203
Fecal Impaction	K5641grp	5	383	232	187	1.24	10.73	0.0204
Muscle Weakness Generalized	M6281grp	5	5,929	3,070	2,892	1.06	10.73	0.0204
Other Cardiac Arrhythmias	I49grp	3	9,181	4,699	4,478	1.05	10.67	0.0212
Other Specified Disorders Of Breast	N6489grp	5	1,694	921	826	1.11	10.61	0.0219
Unspecified Lump In Right Breast	N631grp	4	1,473	806	718	1.12	10.42	0.0245
Viral Intestinal Infection Unspec	A084grp	4	857	484	418	1.16	10.19	0.0291
Viral Intestinal Infection Unspec	A084ngrp	5	857	484	418	1.16	10.19	0.0291
Abnormal findings on diagnostic imaging of other abdominal regions, including retroperitoneum	R935ngrp	5	1,002	560	489	1.15	10.16	0.0295
Abnormal findings on diagnostic imaging of other abdominal regions, including retroperitoneum	R935grp	4	1,002	560	489	1.15	10.16	0.0295

Table 2e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Dizziness And Giddiness	R42nngp	5	14,629	7,406	7,135	1.04	10.07	0.0309
Dizziness And Giddiness	R42grp	3	14,629	7,406	7,135	1.04	10.07	0.0309
Dizziness And Giddiness	R42ngp	4	14,629	7,406	7,135	1.04	10.07	0.0309
Unspecified Chronic Gastritis	K295grp	4	2,596	1,380	1,266	1.09	9.99	0.0381
Other disorders of optic [2nd] nerve and visual pathways	H47grp	3	1,518	827	740	1.12	9.89	0.0411
Biomechanical lesions, not elsewhere classified	M99grp	3	7,064	3,631	3,446	1.05	9.77	0.0456
Vascular Disorders Of Intestine	K55grp	3	733	417	358	1.17	9.68	0.0482

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Main Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017, to August 31, 2019, n = 2,068								
Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Inpatient or Emergency Department Setting								
Nausea And Vomiting	R11grp	3	6,924	4,367	3,402	1.29	276.13	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	3,589	2,445	1,764	1.39	266.46	0.0001
Nausea With Vomiting Unspecified	R112grp	4	3,589	2,445	1,764	1.39	266.46	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	836	637	411	1.55	128.58	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	412	354	202	1.75	123.42	0.0001
Other symptoms and signs involving the digestive system	R19grp	3	3,203	1,960	1,574	1.25	94.48	0.0001
Diarrhea Unspecified	R197ngrp	5	2,786	1,716	1,369	1.26	87.70	0.0001
Diarrhea Unspecified	R197grp	4	2,786	1,716	1,369	1.26	87.70	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	1,272	858	625	1.37	87.24	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	1,856	1,162	912	1.28	68.28	0.0001
Abdominal And Pelvic Pain	R10grp	3	6,812	3,791	3,347	1.14	58.84	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	1,646	1,013	809	1.25	51.25	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	1,646	1,013	809	1.25	51.25	0.0001
Other functional intestinal disorders	K59grp	3	2,762	1,607	1,357	1.19	45.64	0.0001
Constipation	K590grp	4	2,630	1,529	1,292	1.18	43.01	0.0001
Vomiting	R111grp	4	1,009	640	496	1.29	41.76	0.0001
Constipation Unspecified	K5900grp	5	2,292	1,342	1,126	1.19	41.00	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	666	439	327	1.34	38.14	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	666	439	327	1.34	38.14	0.0001
Volume Depletion	E86grp	3	4,902	2,711	2,409	1.13	37.75	0.0001
Vomiting Unspecified	R1110grp	5	914	579	449	1.29	37.38	0.0001

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	385	265	189	1.4	30.57	0.0001
Dehydration	E860grp	4	3,919	2,167	1,926	1.13	30.02	0.0001
Dehydration	E860ngrp	5	3,919	2,167	1,926	1.13	30.02	0.0001
Other Abdominal Pain	R108grp	4	957	579	470	1.23	24.92	0.0001
Gastritis And Duodenitis	K29grp	3	1,065	633	523	1.21	22.76	0.0001
Paralytic ileus and intestinal obstruction without hernia	K56grp	3	902	540	443	1.22	20.92	0.0001
Diverticular Disease Of Intestine	K57grp	3	2,022	1,138	994	1.15	20.77	0.0001
Pain Localized To Upper Abdomen	R101grp	4	1,683	956	827	1.16	19.90	0.0001
Other Diseases Of Digestive System	K92grp	3	1,176	684	578	1.18	19.28	0.0001
Generalized Abdominal Pain	R1084grp	5	812	486	399	1.22	18.78	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	93	73	46	1.6	16.98	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	93	73	46	1.6	16.98	0.0001
Nausea	R110ngrp	5	2,326	1,282	1,143	1.12	16.73	0.0001
Nausea	R110grp	4	2,326	1,282	1,143	1.12	16.73	0.0001
Other Diseases Of Intestine	K63grp	3	682	409	335	1.22	16.12	0.0001
Other Diseases Stomach And Duodenum	K31grp	3	784	464	385	1.2	15.92	0.0001
Hypotension	I95grp	3	2,773	1,508	1,363	1.11	15.35	0.0001
Calculus Of Kidney And Ureter	N20grp	3	1,408	795	692	1.15	15.19	0.0001
Other Specified Diseases Intestine	K638grp	4	403	252	198	1.27	14.60	0.0002
Flatulence And Related Conditions	R14grp	3	797	467	392	1.19	14.34	0.0002
Other Specified Diseases Intestine	K6389grp	5	399	249	196	1.27	14.19	0.0002
Ileus Unspecified	K567ngrp	5	309	196	152	1.29	12.77	0.0007
Ileus Unspecified	K567grp	4	309	196	152	1.29	12.77	0.0007
Calculus Of Kidney	N200ngrp	5	983	562	483	1.16	12.75	0.0008
Calculus Of Kidney	N200grp	4	983	562	483	1.16	12.75	0.0008
Unspecified Abdominal Pain	R109grp	4	2,309	1,255	1,135	1.11	12.63	0.0009
Unspecified Abdominal Pain	R109ngrp	5	2,309	1,255	1,135	1.11	12.63	0.0009
Acute Pancreatitis	K85grp	3	432	264	212	1.24	12.48	0.0009

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Toxic Gastroenteritis And Colitis	K521ngrp	5	122	87	60	1.45	12.36	0.0009
Toxic Gastroenteritis And Colitis	K521grp	4	122	87	60	1.45	12.36	0.0009
Gastritis, unspecified, without bleeding	K2970grp	5	451	274	222	1.24	12.26	0.001
Pneumonitis due to inhalation of food and vomit	J690grp	4	406	249	200	1.25	12.17	0.0012
Pneumonitis due to inhalation of food and vomit	J690ngrp	5	406	249	200	1.25	12.17	0.0012
Abdominal Distension Gaseous	R140ngrp	5	710	414	349	1.19	12.01	0.0018
Abdominal Distension Gaseous	R140grp	4	710	414	349	1.19	12.01	0.0018
Pneumonitis due to solids and liquids	J69grp	3	414	253	203	1.24	11.96	0.0021
Gastritis Unspecified	K297grp	4	507	303	249	1.22	11.52	0.0028
Drug Induced Acute Pancreatitis	K853grp	4	30	27	15	1.83	11.46	0.0032
Severe Sepsis With Septic Shock	R6521grp	5	460	277	226	1.23	11.37	0.0032
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	29	26	14	1.82	10.86	0.0051
Epigastric Pain	R1013grp	5	774	445	380	1.17	10.86	0.0051
Diverticular disease of large intestine without perforation or abscess	K573grp	4	1,390	769	683	1.13	10.68	0.0059
Other Diseases Of Pancreas	K86grp	3	316	196	155	1.26	10.59	0.0089
Orthostatic Hypotension	I951ngrp	5	496	294	244	1.21	10.25	0.0108
Orthostatic Hypotension	I951grp	4	496	294	244	1.21	10.25	0.0108
Anorexia	R630ngrp	5	234	149	115	1.3	10.01	0.0146
Anorexia	R630grp	4	234	149	115	1.3	10.01	0.0146
Other specified diseases of stomach and duodenum	K318grp	4	601	350	295	1.19	10.00	0.0146
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	187	122	92	1.33	9.84	0.0201
Other Disorders Of Brain	G93grp	3	2,223	1,196	1,092	1.1	9.72	0.0221
Diverticular disease of intestine, part unspecified, without perforation or abscess	K579grp	4	536	314	263	1.19	9.61	0.0245
Hypovolemia	E861grp	4	590	343	290	1.18	9.60	0.0245
Hypovolemia	E861ngrp	5	590	343	290	1.18	9.60	0.0245
Fracture Of Shaft Of Femur	S723grp	4	23	21	11	1.86	9.48	0.0295

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Viral Intestinal Infection Unspec	A084ngrp	5	306	188	150	1.25	9.33	0.032
Viral Intestinal Infection Unspec	A084grp	4	306	188	150	1.25	9.33	0.032
Inpatient, Emergency Department, or Outpatient								
Nausea And Vomiting	R11grp	3	18,147	11,557	8,485	1.37	1,057.62	0.0001
Nausea With Vomiting Unspecified	R112grp	4	7,024	4,740	3,284	1.45	614.71	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	7,024	4,740	3,284	1.45	614.71	0.0001
Nausea	R110ngrp	5	8,933	5,435	4,177	1.3	357.66	0.0001
Nausea	R110grp	4	8,933	5,435	4,177	1.3	357.66	0.0001
Other functional intestinal disorders	K59grp	3	12,020	6,826	5,620	1.22	243.70	0.0001
Constipation	K590grp	4	11,478	6,531	5,367	1.22	237.86	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	2,032	1,419	950	1.49	221.13	0.0001
Age-Related Cataract	H25grp	3	18,537	10,034	8,668	1.16	203.40	0.0001
Constipation Unspecified	K5900grp	5	8,177	4,699	3,823	1.23	188.68	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	2,664	1,741	1,246	1.4	186.57	0.0001
Disorders Refraction Accommodation	H52grp	3	20,891	11,063	9,768	1.13	162.20	0.0001
Abdominal And Pelvic Pain	R10grp	3	23,335	12,115	10,911	1.11	125.71	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	597	468	279	1.68	125.53	0.0001
Other symptoms and signs involving the digestive system	R19grp	3	14,048	7,488	6,569	1.14	121.26	0.0001
Abnormal and inconclusive findings on diagnostic imaging of breast	R92grp	3	8,275	4,571	3,869	1.18	119.66	0.0001
Vomiting	R111grp	4	2,190	1,382	1,024	1.35	118.10	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	1,388	931	649	1.43	116.35	0.0001
Diarrhea Unspecified	R197grp	4	9,117	4,984	4,263	1.17	114.69	0.0001

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Diarrhea Unspecified	R197ngrp	5	9,117	4,984	4,263	1.17	114.69	0.0001
Volume Depletion	E86grp	3	6,520	3,645	3,049	1.2	109.61	0.0001
Age-Related Nuclear Cataract	H251grp	4	11,353	6,093	5,308	1.15	109.13	0.0001
Vomiting Unspecified	R1110grp	5	1,931	1,224	903	1.36	107.78	0.0001
Diverticular Disease Of Intestine	K57grp	3	13,105	6,945	6,128	1.13	102.68	0.0001
Age-related nuclear cataract, bilateral	H2513grp	5	10,204	5,463	4,771	1.15	94.35	0.0001
Dehydration	E860ngrp	5	5,352	2,998	2,503	1.2	92.14	0.0001
Dehydration	E860grp	4	5,352	2,998	2,503	1.2	92.14	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	743	529	347	1.52	90.98	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	743	529	347	1.52	90.98	0.0001
Seborrheic Keratosis	L82grp	3	14,471	7,570	6,766	1.12	89.95	0.0001
Diverticular disease of large intestine without perforation or abscess	K573grp	4	10,678	5,672	4,993	1.14	86.92	0.0001
Dry Eye Syndrome	H0412grp	5	9,578	5,106	4,479	1.14	82.68	0.0001
Other Disorders Of Lacrimal Gland	H041grp	4	9,592	5,112	4,485	1.14	82.42	0.0001
Disorders Of Lacrimal System	H04grp	3	10,001	5,312	4,676	1.14	81.29	0.0001
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	987	657	462	1.42	78.55	0.0001
Spondylosis	M47grp	3	15,461	8,001	7,229	1.11	77.68	0.0001
Other Retinal Disorders	H35grp	3	10,022	5,308	4,686	1.13	77.63	0.0001
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	10,006	5,300	4,679	1.13	77.62	0.0001
Other Spondylosis	M478grp	4	12,547	6,545	5,867	1.12	73.84	0.0001
Other disorders of bone density and structure	M85grp	3	8,026	4,287	3,753	1.14	71.46	0.0001
Other specified disorders of bone density and structure	M858grp	4	7,586	4,066	3,547	1.15	71.33	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	4,938	2,724	2,309	1.18	70.05	0.0001
Spondylosis without myelopathy or radiculopathy	M4781grp	5	11,149	5,833	5,213	1.12	69.38	0.0001
Other disorders of kidney and ureter, not elsewhere classified	N28grp	3	8,772	4,645	4,102	1.13	67.67	0.0001

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other Age-Related Cataract	H258grp	4	4,866	2,662	2,275	1.17	61.70	0.0001
Combine Forms Age-Related Cataract	H2581grp	5	4,764	2,608	2,228	1.17	60.98	0.0001
Other Melanin Hyperpigmentation	L814ngrp	5	8,172	4,319	3,821	1.13	60.98	0.0001
Other Melanin Hyperpigmentation	L814grp	4	8,172	4,319	3,821	1.13	60.98	0.0001
Other Disorders Of Pigmentation	L81grp	3	10,698	5,569	5,002	1.11	60.43	0.0001
Disorders Of Vitreous Body	H43grp	3	10,127	5,281	4,735	1.12	59.18	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	4,236	2,334	1,981	1.18	59.15	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	4,236	2,334	1,981	1.18	59.15	0.0001
Other Seborrheic Keratosis	L821grp	4	9,704	5,068	4,537	1.12	58.35	0.0001
Other Seborrheic Keratosis	L821ngrp	5	9,704	5,068	4,537	1.12	58.35	0.0001
Skin changes due to chronic exposure to nonionizing radiation	L57grp	3	10,311	5,366	4,821	1.11	57.91	0.0001
Acute Kidney Failure	N17grp	3	8,334	4,380	3,897	1.12	56.31	0.0001
Cyst Of Kidney Acquired	N281ngrp	5	4,413	2,412	2,063	1.17	55.25	0.0001
Cyst Of Kidney Acquired	N281grp	4	4,413	2,412	2,063	1.17	55.25	0.0001
Hypotension	I95grp	3	4,981	2,695	2,329	1.16	53.97	0.0001
Cholelithiasis	K80grp	3	3,934	2,163	1,839	1.18	53.39	0.0001
Glaucoma	H40grp	3	7,786	4,089	3,641	1.12	51.90	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	980	617	458	1.35	51.87	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	980	617	458	1.35	51.87	0.0001
Calculus Of Kidney And Ureter	N20grp	3	4,936	2,660	2,308	1.15	50.39	0.0001
Calculus of gallbladder without cholecystitis without obstruction	K8020grp	5	3,157	1,757	1,476	1.19	50.12	0.0001
Calculus of gallbladder without cholecystitis	K802grp	4	3,178	1,764	1,486	1.19	48.80	0.0001
Acute Kidney Failure Unspecified	N179grp	4	7,606	3,986	3,556	1.12	48.75	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	7,606	3,986	3,556	1.12	48.75	0.0001
Glaucoma Suspect	H400grp	4	6,523	3,446	3,050	1.13	48.28	0.0001
Degeneration of macula and posterior pole	H353grp	4	5,731	3,050	2,680	1.14	48.04	0.0001

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Calculus Of Kidney	N200grp	4	4,103	2,225	1,919	1.16	45.94	0.0001
Calculus Of Kidney	N200ngrp	5	4,103	2,225	1,919	1.16	45.94	0.0001
Hypermetropia	H520grp	4	4,020	2,178	1,880	1.16	44.42	0.0001
Astigmatism	H522grp	4	5,564	2,952	2,602	1.14	44.30	0.0001
Presbyopia	H524grp	4	5,981	3,158	2,797	1.13	43.85	0.0001
Presbyopia	H524ngrp	5	5,981	3,158	2,797	1.13	43.85	0.0001
Tinea Unguium	B351grp	4	7,206	3,764	3,369	1.12	43.42	0.0001
Tinea Unguium	B351ngrp	5	7,206	3,764	3,369	1.12	43.42	0.0001
Other Diseases Of Intestine	K63grp	3	10,247	5,261	4,791	1.1	43.32	0.0001
Other specified disorders of bone density and structure, thigh	M8585grp	5	1,862	1,071	871	1.23	43.27	0.0001
Unspecified Abdominal Pain	R109grp	4	7,362	3,836	3,442	1.11	42.30	0.0001
Unspecified Abdominal Pain	R109ngrp	5	7,362	3,836	3,442	1.11	42.30	0.0001
Acquired Deformities Fingers & Toes	M20grp	3	5,521	2,921	2,582	1.13	41.91	0.0001
Nail Disorders	L60grp	3	7,116	3,710	3,327	1.12	41.35	0.0001
Mammographic density found on imaging of breast	R923grp	4	1,430	840	669	1.26	41.23	0.0001
Pain Localized To Upper Abdomen	R101grp	4	6,010	3,161	2,810	1.13	41.12	0.0001
Other Abdominal Pain	R108grp	4	2,875	1,585	1,344	1.18	40.42	0.0001
Other Spondylopathies	M48grp	3	10,358	5,291	4,843	1.09	38.96	0.0001
Other Diseases Of Digestive System	K92grp	3	3,165	1,725	1,480	1.17	38.07	0.0001
Hypermetropia Bilateral	H5203grp	5	3,254	1,770	1,522	1.16	38.06	0.0001
Paralytic ileus and intestinal obstruction without hernia	K56grp	3	1,422	827	665	1.24	37.09	0.0001
Other Specified Diseases Intestine	K6389grp	5	2,133	1,195	997	1.2	36.73	0.0001
Drug Induced Constipation	K5903grp	5	680	429	318	1.35	36.57	0.0001
Other skin changes due to chronic exposure to nonionizing radiation	L578ngrp	5	4,189	2,235	1,959	1.14	36.57	0.0001
Other skin changes due to chronic exposure to nonionizing radiation	L578grp	4	4,189	2,235	1,959	1.14	36.57	0.0001
Hemorrhoids and perianal venous thrombosis	K64grp	3	11,168	5,672	5,222	1.09	36.51	0.0001
Other Specified Diseases Intestine	K638grp	4	2,156	1,206	1,008	1.2	36.43	0.0001

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other Disorders Of Vitreous Body	H438grp	4	6,635	3,448	3,102	1.11	36.16	0.0001
Unspecified Lump In Breast	N63grp	3	4,007	2,141	1,874	1.14	35.80	0.0001
Abnormal findings on diagnostic imaging of other body structures	R93grp	3	8,996	4,602	4,206	1.09	34.99	0.0001
Age-Related Incipient Cataract	H250grp	4	2,052	1,148	959	1.2	34.74	0.0001
Gastritis And Duodenitis	K29grp	3	7,688	3,957	3,595	1.1	34.30	0.0001
Corns And Callosities	L84nngp	5	3,843	2,051	1,797	1.14	33.70	0.0001
Corns And Callosities	L84grp	3	3,843	2,051	1,797	1.14	33.70	0.0001
Corns And Callosities	L84ngp	4	3,843	2,051	1,797	1.14	33.70	0.0001
Other Disorders Of Eyelid	H02grp	3	5,202	2,726	2,432	1.12	33.27	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928ngp	5	3,515	1,885	1,644	1.15	33.27	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928grp	4	3,515	1,885	1,644	1.15	33.27	0.0001
Vitreous Degeneration	H4381grp	5	6,186	3,212	2,892	1.11	33.15	0.0001
Regular Astigmatism	H5222grp	5	3,453	1,852	1,615	1.15	32.75	0.0001
Other Diseases Stomach And Duodenum	K31grp	3	6,422	3,326	3,003	1.11	32.67	0.0001
Spinal Stenosis	M480grp	4	9,804	4,983	4,584	1.09	32.64	0.0001
Hepatomegaly and splenomegaly, not elsewhere	R16grp	3	4,346	2,298	2,032	1.13	32.64	0.0001
Other Specified Disorders Of Breast	N6489grp	5	2,065	1,148	966	1.19	32.32	0.0001
Generalized Abdominal Pain	R1084grp	5	2,452	1,345	1,147	1.17	32.22	0.0001
Other and unspecified injuries of head	S09grp	3	3,703	1,975	1,731	1.14	32.13	0.0001
Unspecified Injury Of Face And Head	S099grp	4	3,417	1,831	1,598	1.15	31.94	0.0001
Other Diseases Of Liver	K76grp	3	13,705	6,871	6,408	1.07	31.51	0.0001
Inflamed Seborrheic Keratosis	L820grp	4	4,767	2,502	2,229	1.12	31.39	0.0001
Inflamed Seborrheic Keratosis	L820ngp	5	4,767	2,502	2,229	1.12	31.39	0.0001
Diaphragmatic Hernia	K44grp	3	6,067	3,144	2,837	1.11	31.24	0.0001
Other Disorders Synovium And Tendon	M67grp	3	3,385	1,812	1,583	1.15	31.14	0.0001
Other Specified Disorders Of Eyelid	H028grp	4	3,473	1,856	1,624	1.14	31.11	0.0001
Diaphragmatic hernia without obstruction or gangrene	K449ngp	5	6,042	3,131	2,825	1.11	31.10	0.0001

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Diaphragmatic hernia without obstruction or gangrene	K449grp	4	6,042	3,131	2,825	1.11	31.10	0.0001
Other Specified Disorders Of Breast	N648grp	4	2,096	1,160	980	1.18	30.98	0.0001
Dermatophytosis	B35grp	3	10,675	5,395	4,991	1.08	30.71	0.0001
Unspecified Injury Of Head	S0990grp	5	3,041	1,636	1,422	1.15	30.22	0.0001
Epigastric Pain	R1013grp	5	2,957	1,589	1,383	1.15	28.88	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921ngrp	5	1,434	811	671	1.21	27.60	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921grp	4	1,434	811	671	1.21	27.60	0.0001
Gastroparesis	K3184grp	5	990	579	463	1.25	27.33	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	6,161	3,170	2,881	1.1	27.27	0.0001
Other specified disorders of bone density and structure, multiple sites	M8589grp	5	1,769	982	827	1.19	27.18	0.0001
Unspecified Lump In Right Breast	N631grp	4	1,748	971	817	1.19	27.08	0.0001
Acute Pancreatitis	K85grp	3	676	411	316	1.3	26.80	0.0001
Hypotension Unspecified	I959ngrp	5	2,887	1,544	1,350	1.14	26.17	0.0001
Hypotension Unspecified	I959grp	4	2,887	1,544	1,350	1.14	26.17	0.0001
Thoracic, thoracolumbar, and lumbosacral intervertebral	M51grp	3	12,691	6,340	5,934	1.07	26.16	0.0001
Difficulty in walking, not elsewhere classified	R262ngrp	5	3,418	1,809	1,598	1.13	26.08	0.0001
Difficulty in walking, not elsewhere classified	R262grp	4	3,418	1,809	1,598	1.13	26.08	0.0001
Foreign body in stomach	T182Xgrp	5	221	156	103	1.51	25.68	0.0001
Foreign Body In Stomach	T182grp	4	221	156	103	1.51	25.68	0.0001
Foreign Body In Alimentary Tract	T18grp	3	411	264	192	1.37	25.35	0.0001
Elevated White Blood Cell Count	D7282grp	5	5,545	2,855	2,593	1.1	24.91	0.0001
Other specified diseases of stomach and duodenum	K318grp	4	3,872	2,029	1,810	1.12	24.74	0.0001
Other specified disorders of white blood cells	D728grp	4	6,204	3,177	2,901	1.1	24.69	0.0001
Muscle Weakness Generalized	M6281grp	5	5,239	2,700	2,450	1.1	24.02	0.0001
Atrioventricular and left bundle-branch block	I44grp	3	4,196	2,186	1,962	1.11	24.00	0.0001
Other Cataract	H26grp	3	5,754	2,950	2,690	1.1	23.51	0.0001
Sensorineural Hear Loss Bilateral	H903grp	4	4,294	2,232	2,008	1.11	23.49	0.0001

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Sensorineural Hear Loss Bilateral	H903ngrp	5	4,294	2,232	2,008	1.11	23.49	0.0001
Other Disorders Of Muscle	M62grp	3	12,599	6,274	5,891	1.07	23.46	0.0001
Abnormalities Of Gait And Mobility	R26grp	3	10,253	5,139	4,794	1.07	23.35	0.0001
Other Constipation	K5909grp	5	1,454	810	680	1.19	23.35	0.0001
Secondary Cataract	H264grp	4	3,798	1,985	1,776	1.12	23.10	0.0001
Cystitis	N30grp	3	6,306	3,216	2,949	1.09	22.78	0.0001
Obstructive And Reflux Uropathy	N13grp	3	3,287	1,730	1,537	1.13	22.74	0.0001
Other Hammer Toes Acquired	M204grp	4	2,871	1,522	1,342	1.13	22.52	0.0001
Myopia	H521grp	4	4,182	2,172	1,955	1.11	22.51	0.0001
Shoulder Lesions	M75grp	3	6,331	3,226	2,960	1.09	22.41	0.0001
Myopia Bilateral	H5213grp	5	3,546	1,857	1,658	1.12	22.39	0.0001
Biomechanical lesions, not elsewhere classified	M99grp	3	7,517	3,804	3,515	1.08	22.36	0.0001
Actinic Keratosis	L570ngrp	5	5,796	2,964	2,710	1.09	22.34	0.0001
Actinic Keratosis	L570grp	4	5,796	2,964	2,710	1.09	22.34	0.0001
Other Disorders White Blood Cells	D72grp	3	6,527	3,321	3,052	1.09	22.29	0.0001
Other degenerative diseases of nervous system, not	G31grp	3	2,135	1,152	998	1.15	22.19	0.0001
Abnormal results of cardiovascular function studies	R943grp	4	14,064	6,969	6,576	1.06	22.14	0.0001
Other Diseases Of Pancreas	K86grp	3	1,395	776	652	1.19	22.00	0.0001
Other Disorders Of Brain	G93grp	3	3,768	1,965	1,762	1.12	21.97	0.0001
Other Secondary Cataract	H2649grp	5	3,705	1,933	1,732	1.12	21.79	0.0001
Hepatomegaly, not elsewhere classified	R160ngrp	5	2,848	1,507	1,332	1.13	21.64	0.0001
Hepatomegaly, not elsewhere classified	R160grp	4	2,848	1,507	1,332	1.13	21.64	0.0001
Other & Unspecified Encephalopathy	G934grp	4	1,879	1,021	879	1.16	21.64	0.0001
Other specified erythematous conditions	L538ngrp	5	3,980	2,066	1,861	1.11	21.19	0.0001
Other specified erythematous conditions	L538grp	4	3,980	2,066	1,861	1.11	21.19	0.0001
Other Hemorrhoids	K648ngrp	5	4,541	2,342	2,123	1.1	21.14	0.0001
Other Hemorrhoids	K648grp	4	4,541	2,342	2,123	1.1	21.14	0.0001
Abnormal Electrocardiogram	R9431grp	5	11,888	5,911	5,559	1.06	21.05	0.0001
Nail Dystrophy	L603ngrp	5	1,935	1,047	905	1.16	20.96	0.0001
Nail Dystrophy	L603grp	4	1,935	1,047	905	1.16	20.96	0.0001

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other Vitreous Opacities	H433grp	4	2,852	1,506	1,334	1.13	20.91	0.0001
Puckering Of Macula	H3537grp	5	2,274	1,217	1,063	1.14	20.83	0.0001
Ileus Unspecified	K567grp	4	360	229	168	1.36	20.63	0.0001
Ileus Unspecified	K567ngrp	5	360	229	168	1.36	20.63	0.0001
Other Specified Disorders Of Muscle	M628grp	4	11,195	5,573	5,235	1.06	20.60	0.0001
Follicular cysts of skin and subcutaneous tissue	L72grp	3	5,204	2,663	2,433	1.09	20.36	0.0001
Other specified disorders of bone density and structure, other site	M8588grp	5	1,371	759	641	1.18	20.34	0.0001
Primary Osteoarthritis Other Joints	M190grp	4	9,516	4,757	4,450	1.07	20.00	0.0001
Fall on same level from slipping, tripping and stumbling	W01grp	3	2,685	1,419	1,255	1.13	19.97	0.0001
Inconclusive Mammogram	R922grp	4	1,678	913	785	1.16	19.69	0.0001
Inconclusive Mammogram	R922ngrp	5	1,678	913	785	1.16	19.69	0.0001
Other Vitreous Opacities	H4339grp	5	2,640	1,395	1,234	1.13	19.58	0.0001
Other Specified Diseases Pancreas	K8689grp	5	653	385	305	1.26	19.52	0.0001
Syncope And Collapse	R55grp	3	5,149	2,631	2,408	1.09	19.46	0.0001
Syncope And Collapse	R55ngrp	4	5,149	2,631	2,408	1.09	19.46	0.0001
Syncope And Collapse	R55nngp	5	5,149	2,631	2,408	1.09	19.46	0.0001
Other Erythematous Conditions	L53grp	3	4,702	2,412	2,199	1.1	19.45	0.0001
Other specified disorders of synovium and tendon	M678grp	4	1,246	692	583	1.19	19.25	0.0001
Abnormal Results Function Studies	R94grp	3	18,959	9,289	8,865	1.05	19.18	0.0001
Severe Sepsis With Septic Shock	R6521grp	5	491	298	230	1.3	19.17	0.0001
Mammographic heterogeneous density of breast	R9233grp	5	238	158	111	1.42	18.59	0.0001
Nonexudative age-related macular degeneration	H3531grp	5	1,535	837	718	1.17	18.57	0.0001
Mammographic fibroglandular density of breast	R9232grp	5	825	473	386	1.23	18.51	0.0001
Cortical Age-Related Cataract	H2501grp	5	1,235	684	577	1.18	18.42	0.0001
Other specified and unspecified injuries of neck	S19grp	3	1,604	871	750	1.16	18.29	0.0001
Unspecified Chronic Gastritis	K295grp	4	2,488	1,314	1,163	1.13	18.29	0.0001
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	11,317	5,612	5,292	1.06	18.27	0.0001
Fatty (change of) liver, not elsewhere classified	K760grp	4	11,317	5,612	5,292	1.06	18.27	0.0001
Segmental And Somatic Dysfunction	M990grp	4	6,257	3,164	2,926	1.08	18.24	0.0001

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Spinal Stenosis Lumbar Region	M4806grp	5	5,693	2,889	2,662	1.09	18.19	0.0001
Anorexia	R630grp	4	611	360	286	1.26	18.14	0.0001
Anorexia	R630ngrp	5	611	360	286	1.26	18.14	0.0001
Unspecified Injury Of Neck	S199grp	4	1,548	842	724	1.16	18.08	0.0001
Unspecified injury of neck	S199Xgrp	5	1,548	842	724	1.16	18.08	0.0001
Primary Osteoarthritis Shoulder	M1901grp	5	3,902	2,012	1,825	1.1	18.08	0.0001
Heartburn	R12nnggrp	5	2,201	1,170	1,029	1.14	18.07	0.0001
Heartburn	R12ngrp	4	2,201	1,170	1,029	1.14	18.07	0.0001
Heartburn	R12grp	3	2,201	1,170	1,029	1.14	18.07	0.0001
Background retinopathy and retinal vascular changes	H350grp	4	2,173	1,156	1,016	1.14	18.07	0.0001
Acute Cystitis	N300grp	4	4,921	2,508	2,301	1.09	17.49	0.0002
Hypokalemia	E876ngrp	5	4,043	2,078	1,890	1.1	17.46	0.0002
Hypokalemia	E876grp	4	4,043	2,078	1,890	1.1	17.46	0.0002
Other hammer toe(s) (acquired), left foot	M2042grp	5	1,906	1,020	891	1.14	17.44	0.0002
Other Deforming Dorsopathies	M43grp	3	6,295	3,177	2,943	1.08	17.41	0.0002
Atrioventricular Block First Degree	I440grp	4	1,864	998	872	1.15	17.19	0.0002
Atrioventricular Block First Degree	I440ngrp	5	1,864	998	872	1.15	17.19	0.0002
Unspecified chronic gastritis without bleeding	K2950grp	5	2,439	1,285	1,140	1.13	17.18	0.0002
Other Disorders Of Breast	N64grp	3	4,618	2,358	2,159	1.09	17.16	0.0002
Spinal Stenosis Cervical Region	M4802grp	5	2,383	1,257	1,114	1.13	17.14	0.0002
Viral and other specified intestinal infections	A08grp	3	1,001	560	468	1.2	16.93	0.0002
Fracture Lower Leg Including Ankle	S82grp	3	1,243	683	581	1.18	16.71	0.0003
Open angle with borderline findings, low risk	H4001grp	5	2,882	1,502	1,348	1.11	16.59	0.0003
Viral Warts	B07grp	3	2,877	1,499	1,345	1.11	16.48	0.0003
Melena	K921grp	4	1,845	985	863	1.14	16.25	0.0003
Melena	K921ngrp	5	1,845	985	863	1.14	16.25	0.0003
Other Epidermal Thickening	L85grp	3	5,744	2,901	2,686	1.08	16.20	0.0003
Encephalopathy Unspecified	G9340grp	5	742	423	347	1.22	15.63	0.0004
Polyp Of Colon	K635ngrp	5	7,604	3,798	3,556	1.07	15.55	0.0004
Polyp Of Colon	K635grp	4	7,604	3,798	3,556	1.07	15.55	0.0004

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Open angle with borderline findings, high risk	H4002grp	5	895	501	418	1.2	15.25	0.0005
Weakness	R531ngrp	5	5,507	2,779	2,575	1.08	15.18	0.0006
Weakness	R531grp	4	5,507	2,779	2,575	1.08	15.18	0.0006
Other Diseases Of Gallbladder	K82grp	3	1,576	846	737	1.15	15.13	0.0006
Hypovolemia	E861ngrp	5	677	388	317	1.23	15.12	0.0006
Hypovolemia	E861grp	4	677	388	317	1.23	15.12	0.0006
Viral Intestinal Infection Unspec	A084grp	4	832	468	389	1.2	15.03	0.0007
Viral Intestinal Infection Unspec	A084ngrp	5	832	468	389	1.2	15.03	0.0007
Acute Pancreatitis Unspecified	K859grp	4	470	279	220	1.27	14.99	0.0007
Peripheral Retinal Degeneration	H354grp	4	814	458	381	1.2	14.75	0.0007
Shock Not Elsewhere Classified	R57grp	3	581	337	272	1.24	14.74	0.0007
Flatulence And Related Conditions	R14grp	3	4,189	2,134	1,959	1.09	14.72	0.0007
Hypertensive Retinopathy	H3503grp	5	1,649	881	771	1.14	14.69	0.0007
Acute Cystitis With Hematuria	N3001grp	5	1,816	964	849	1.14	14.56	0.0008
Other Diseases Of Anus And Rectum	K62grp	3	5,160	2,606	2,413	1.08	14.54	0.0008
Orthostatic Hypotension	I951ngrp	5	1,304	706	610	1.16	14.24	0.0008
Orthostatic Hypotension	I951grp	4	1,304	706	610	1.16	14.24	0.0008
Irritant Contact Dermatitis	L24grp	3	881	491	412	1.19	14.22	0.0008
Other Specified Diseases Pancreas	K868grp	4	738	417	345	1.21	14.05	0.0008
Abnormal Weight Loss	R634grp	4	1,669	888	780	1.14	13.90	0.0008
Abnormal Weight Loss	R634ngrp	5	1,669	888	780	1.14	13.90	0.0008
Retention Of Urine	R33grp	3	2,304	1,203	1,077	1.12	13.75	0.0009
Other specified diseases of gallbladder	K828ngrp	5	958	529	448	1.18	13.74	0.0009
Other specified diseases of gallbladder	K828grp	4	958	529	448	1.18	13.74	0.0009
Upper Abdominal Pain, Unspecified	R1010grp	5	620	355	290	1.22	13.71	0.0009
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	458	270	214	1.26	13.67	0.0011
Other enthesopathy of foot and ankle	M775grp	4	845	471	395	1.19	13.66	0.0011
Diverticular disease of intestine, part unspecified, without perforation or abscess	K579grp	4	2,113	1,108	988	1.12	13.66	0.0011

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other specified disorders of kidney and ureter	N288grp	4	1,539	822	720	1.14	13.65	0.0011
Benign Mammary Dysplasia	N60grp	3	2,737	1,416	1,280	1.11	13.60	0.0011
Severe Sepsis	R652grp	4	1,498	801	700	1.14	13.53	0.0012
Pain localized to other parts of lower abdomen	R103grp	4	4,518	2,287	2,113	1.08	13.52	0.0012
Eructation	R142ngrp	5	389	233	182	1.28	13.49	0.0012
Eructation	R142grp	4	389	233	182	1.28	13.49	0.0012
Drug Induced Acute Pancreatitis	K853grp	4	38	33	18	1.86	13.44	0.0012
Visual Disturbances	H53grp	3	5,673	2,847	2,653	1.07	13.38	0.0014
Pneumonitis due to solids and liquids	J69grp	3	499	291	233	1.25	13.38	0.0014
Spondylolisthesis	M431grp	4	4,551	2,302	2,128	1.08	13.36	0.0014
Hiccough	R066ngrp	5	75	57	35	1.63	13.35	0.0014
Hiccough	R066grp	4	75	57	35	1.63	13.35	0.0014
Hematemesis	K920grp	4	304	187	142	1.32	13.32	0.0015
Hematemesis	K920ngrp	5	304	187	142	1.32	13.32	0.0015
Keratoconjunctivitis sicca, not specified as Sjögren's	H1622grp	5	1,981	1,041	926	1.12	13.32	0.0015
Unspecified Escherichia coli [E. coli] as the cause of diseases classified elsewhere	B9620grp	5	1,037	567	485	1.17	13.03	0.002
Meibomian Gland Dysfunction Eyelid	H0288grp	5	1,217	658	569	1.16	13.03	0.002
Unspecified Fall	W19grp	3	4,669	2,357	2,183	1.08	13.00	0.0022
Unspecified fall	W19XXgrp	5	4,669	2,357	2,183	1.08	13.00	0.0022
Unspecified fall	W19Xgrp	4	4,669	2,357	2,183	1.08	13.00	0.0022
Cervical Disc Disorders	M50grp	3	5,475	2,748	2,560	1.07	12.97	0.0022
Pneumonitis due to inhalation of food and vomit	J690grp	4	480	280	224	1.25	12.91	0.0028
Pneumonitis due to inhalation of food and vomit	J690ngrp	5	480	280	224	1.25	12.91	0.0028
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	37	32	17	1.85	12.82	0.0029
Other Diseases Of Biliary Tract	K83grp	3	834	463	390	1.19	12.82	0.0029
Escherichia coli [E. coli] as the cause of diseases classified elsewhere	B962grp	4	1,100	598	514	1.16	12.75	0.0029
Synovitis And Tenosynovitis	M65grp	3	5,083	2,556	2,377	1.08	12.70	0.0029

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Abnormal findings on diagnostic imaging of lung	R91grp	3	10,607	5,218	4,960	1.05	12.67	0.0029
Pressure Ulcer	L89grp	3	1,296	696	606	1.15	12.53	0.0029
Symptoms and signs specifically associated with systemic inflammation and infection	R65grp	3	2,055	1,074	961	1.12	12.48	0.003
Sepsis due to other Gram-negative organisms	A415grp	4	431	253	202	1.26	12.34	0.0032
Other specified disorders of kidney and ureter	N2889grp	5	1,462	778	684	1.14	12.21	0.0033
Fall on same level from slipping, tripping and stumbling without subsequent striking against object	W010grp	4	1,818	955	850	1.12	12.14	0.0039
Fall on same level from slipping, tripping and stumbling without subsequent striking against object	W010Xgrp	5	1,818	955	850	1.12	12.14	0.0039
Gastrointestinal hemorrhage, unspecified	K922ngrp	5	901	495	421	1.18	12.08	0.0042
Gastrointestinal hemorrhage, unspecified	K922grp	4	901	495	421	1.18	12.08	0.0042
Degenerative disease of nervous system, unspecified	G319grp	4	931	510	435	1.17	12.00	0.0042
Degenerative disease of nervous system, unspecified	G319ngrp	5	931	510	435	1.17	12.00	0.0042
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	1,912	1,001	894	1.12	12.00	0.0042
Irritant contact dermatitis, unspecified cause	L249grp	4	503	290	235	1.23	11.98	0.0042
Irritant contact dermatitis, unspecified cause	L249ngrp	5	503	290	235	1.23	11.98	0.0042
Other specified follicular disorders	L738grp	4	1,461	776	683	1.14	11.83	0.0044
Other specified follicular disorders	L738ngrp	5	1,461	776	683	1.14	11.83	0.0044
Other slipping, tripping and stumbling and falls	W18grp	3	2,058	1,072	962	1.11	11.73	0.0055
Acute Posthemorrhagic Anemia	D62ngrp	4	1,838	963	859	1.12	11.70	0.0057
Acute Posthemorrhagic Anemia	D62grp	3	1,838	963	859	1.12	11.70	0.0057
Acute Posthemorrhagic Anemia	D62nngp	5	1,838	963	859	1.12	11.70	0.0057
Toxic Gastroenteritis And Colitis	K521grp	4	250	155	117	1.33	11.69	0.0057
Toxic Gastroenteritis And Colitis	K521ngrp	5	250	155	117	1.33	11.69	0.0057
Dizziness And Giddiness	R42nngp	5	12,709	6,213	5,943	1.05	11.61	0.006
Dizziness And Giddiness	R42ngrp	4	12,709	6,213	5,943	1.05	11.61	0.006
Dizziness And Giddiness	R42grp	3	12,709	6,213	5,943	1.05	11.61	0.006

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other thoracic, thoracolumbar and lumbosacral intervertebral disc degeneration	M513grp	4	7,247	3,593	3,389	1.06	11.60	0.0062
Other Sepsis	A41grp	3	4,162	2,101	1,946	1.08	11.58	0.0063
Other disorders of optic [2nd] nerve and visual pathways	H47grp	3	1,327	708	620	1.14	11.57	0.0063
Other Inflammatory Spondylopathies	M46grp	3	4,006	2,025	1,873	1.08	11.56	0.0063
Other follicular cysts of the skin and subcutaneous tissue	L728ngrp	5	1,023	555	478	1.16	11.51	0.0073
Other follicular cysts of the skin and subcutaneous tissue	L728grp	4	1,023	555	478	1.16	11.51	0.0073
Atherosclerosis	I70grp	3	7,575	3,750	3,542	1.06	11.49	0.0074
Epidermal Cyst	L720grp	4	2,351	1,215	1,099	1.11	11.42	0.0078
Epidermal Cyst	L720ngrp	5	2,351	1,215	1,099	1.11	11.42	0.0078
Other thoracic, thoracolumbar and lumbosacral intervertebral disc displacement	M512grp	4	2,730	1,401	1,277	1.1	11.39	0.0089
Abdominal aortic aneurysm, without rupture	I714grp	4	554	315	259	1.22	11.33	0.0094
Other Specified Diseases Of Liver	K7689grp	5	1,299	693	607	1.14	11.31	0.0096
Other Enthesopathies	M77grp	3	6,956	3,450	3,253	1.06	11.27	0.0097
Other specified disorders of synovium and tendon, shoulder	M6781grp	5	599	338	280	1.21	11.23	0.0097
Other disorders of fluid, electrolyte and acid-base	E87grp	3	13,028	6,360	6,092	1.04	11.15	0.01
Other bacterial intestinal infections	A04grp	3	836	459	391	1.17	11.12	0.0103
Hypertrophic Disorders Of Skin	L91grp	3	4,496	2,260	2,102	1.08	11.11	0.0103
Inguinal Hernia	K40grp	3	1,119	602	523	1.15	11.11	0.0103
Contracture Ankle And Foot	M2457grp	5	629	353	294	1.2	11.05	0.0113
Other intervertebral disc degeneration, lumbar region	M5136grp	5	5,046	2,526	2,359	1.07	11.04	0.0114
Other Specified Disorders Bladder	N3289grp	5	1,325	705	620	1.14	11.04	0.0114
Other Viral Warts	B078ngrp	5	1,578	831	738	1.13	11.02	0.0115
Other Viral Warts	B078grp	4	1,578	831	738	1.13	11.02	0.0115
Unspecified Lump In The Left Breast	N632grp	4	1,568	826	733	1.13	11.01	0.0115
Other Cerebrovascular Diseases	I67grp	3	2,980	1,521	1,393	1.09	10.96	0.0121
Contracture Of Joint	M245grp	4	904	493	423	1.17	10.96	0.0122
Occlusion & Stenosis Carotid Artery	I652grp	4	5,078	2,540	2,374	1.07	10.85	0.0135

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups					
Other Acquired Deformities Of Limbs	M21grp	3	4,391	2,207	2,053	1.08	10.82	0.0137
Osteoarthritis Of Hip	M16grp	3	5,452	2,720	2,549	1.07	10.74	0.0147
Enthesopathies, lower limb, excluding foot	M76grp	3	4,593	2,303	2,148	1.07	10.56	0.0201
Keratoconjunctivitis	H162grp	4	2,169	1,121	1,014	1.11	10.55	0.0201
Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction	I65grp	3	5,358	2,673	2,505	1.07	10.54	0.0201
Other Hypertrophic Disorders Skin	L918ngrp	5	3,730	1,884	1,744	1.08	10.53	0.0201
Other Hypertrophic Disorders Skin	L918grp	4	3,730	1,884	1,744	1.08	10.53	0.0201
Hematuria	R31grp	3	6,134	3,047	2,868	1.06	10.48	0.0223
Nonrheumatic Aortic Valve Disorders	I35grp	3	4,258	2,140	1,991	1.08	10.47	0.0223
Unspecified Astigmatism	H5220grp	5	1,874	975	876	1.11	10.43	0.0226
Dermatochalasis Of Eyelid	H0283grp	5	1,686	882	788	1.12	10.43	0.0233
Other And Unspecified Ovarian Cysts	N832grp	4	1,553	816	726	1.12	10.42	0.0235
Diverticulosis of intestine, part unspecified, without perforation or abscess without bleeding	K5790grp	5	1,610	844	753	1.12	10.35	0.026
Other Specified Diseases Of Liver	K768grp	4	1,333	706	623	1.13	10.28	0.0264
Sepsis due to Escherichia coli [E. coli]	A4151grp	5	249	152	116	1.31	10.22	0.0274
Ocular Hypertension	H4005grp	5	1,046	562	489	1.15	10.18	0.0281
Umbilical Hernia	K42grp	3	2,507	1,285	1,172	1.1	10.17	0.0283
Hallux Valgus Acquired	M201grp	4	1,505	791	704	1.12	10.15	0.0286
Other and unspecified intestinal obstruction	K566grp	4	531	300	248	1.21	10.10	0.0301
Optic Atrophy	H472grp	4	531	300	248	1.21	10.10	0.0301
Posterior subcapsular polar age-related cataract	H2504grp	5	452	259	211	1.23	10.07	0.0311
Splenomegaly, not elsewhere classified	R161ngrp	5	1,019	548	476	1.15	10.06	0.0314
Splenomegaly, not elsewhere classified	R161grp	4	1,019	548	476	1.15	10.06	0.0314
Soft tissue disorders related to use, overuse and pressure	M70grp	3	4,127	2,073	1,930	1.07	9.99	0.0337
Unilateral primary osteoarthritis, left knee	M1712grp	5	4,412	2,211	2,063	1.07	9.97	0.0337
Multiple Valve Diseases	I08grp	3	3,187	1,616	1,490	1.08	9.97	0.0339
Other and unspecified diseases of blood and blood-forming organs	D75grp	3	1,841	956	861	1.11	9.86	0.0435

Table 2f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Other abnormal immunological findings in serum	R76grp	3	2,156	1,111	1,008	1.1	9.85	0.0441

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

		Total Node Outcomes Among Risk and Control Groups		Node Outcomes Semaglutide Initiators		Expected Node Outcomes Among Exposure Initiators		Relative Risk	Test Statistic ²	P-Value
Node Name	Node ID	Node Level								
Inpatient or Emergency Department Setting										
Nausea And Vomiting	R11grp	3	8,070	5,310	4,113	1.3	368.64	0.0001		
Nausea With Vomiting Unspecified	R112grp	4	4,246	3,000	2,164	1.39	343.46	0.0001		
Nausea With Vomiting Unspecified	R112ngrp	5	4,246	3,000	2,164	1.39	343.46	0.0001		
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological	T509grp	4	929	734	473	1.55	156.68	0.0001		
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	450	398	229	1.74	144.38	0.0001		
Other symptoms and signs involving the digestive system	R19grp	3	3,585	2,290	1,827	1.26	122.36	0.0001		
Diarrhea Unspecified	R197grp	4	3,139	2,028	1,600	1.27	119.65	0.0001		
Diarrhea Unspecified	R197ngrp	5	3,139	2,028	1,600	1.27	119.65	0.0001		
Other and unspecified noninfective gastroenteritis and	K52grp	3	2,092	1,394	1,066	1.31	105.48	0.0001		
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	1,374	962	700	1.38	103.19	0.0001		
Abdominal And Pelvic Pain	R10grp	3	7,932	4,638	4,042	1.15	91.59	0.0001		
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	1,861	1,229	948	1.3	86.67	0.0001		
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	1,861	1,229	948	1.3	86.67	0.0001		
Other functional intestinal disorders	K59grp	3	3,150	1,937	1,605	1.21	71.08	0.0001		
Volume Depletion	E86grp	3	5,879	3,434	2,996	1.15	66.48	0.0001		
Constipation	K590grp	4	3,025	1,855	1,542	1.2	66.04	0.0001		
Vomiting	R111grp	4	1,239	829	631	1.31	64.60	0.0001		
Constipation Unspecified	K5900grp	5	2,655	1,639	1,353	1.21	62.64	0.0001		
Vomiting Unspecified	R1110grp	5	1,140	764	581	1.32	60.26	0.0001		
Dehydration	E860grp	4	4,740	2,765	2,416	1.15	52.35	0.0001		
Dehydration	E860ngrp	5	4,740	2,765	2,416	1.15	52.35	0.0001		
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	813	540	414	1.3	39.75	0.0001		

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	813	540	414	1.3	39.75	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	435	312	222	1.41	38.94	0.0001
Other Abdominal Pain	R108grp	4	1,086	691	553	1.25	35.44	0.0001
Pain Localized To Upper Abdomen	R101grp	4	2,001	1,204	1,020	1.18	34.37	0.0001
Paralytic ileus and intestinal obstruction without hernia	K56grp	3	996	635	508	1.25	33.16	0.0001
Unspecified Abdominal Pain	R109grp	4	2,717	1,579	1,385	1.14	28.13	0.0001
Unspecified Abdominal Pain	R109ngrp	5	2,717	1,579	1,385	1.14	28.13	0.0001
Gastritis And Duodenitis	K29grp	3	1,243	763	633	1.21	27.36	0.0001
Diverticular Disease Of Intestine	K57grp	3	2,289	1,342	1,167	1.15	27.21	0.0001
Generalized Abdominal Pain	R1084grp	5	916	577	467	1.24	26.92	0.0001
Epigastric Pain	R1013grp	5	951	596	485	1.23	26.46	0.0001
Other Diseases Stomach And Duodenum	K31grp	3	900	566	459	1.23	25.99	0.0001
Flatulence And Related Conditions	R14grp	3	885	555	451	1.23	24.80	0.0001
Hypotension	I95grp	3	3,030	1,736	1,544	1.13	24.57	0.0001
Nausea	R110grp	4	2,585	1,481	1,317	1.12	20.93	0.0001
Nausea	R110ngrp	5	2,585	1,481	1,317	1.12	20.93	0.0001
Other Diseases Of Pancreas	K86grp	3	426	283	217	1.3	20.84	0.0001
Ileus Unspecified	K567ngrp	5	337	230	172	1.34	20.68	0.0001
Ileus Unspecified	K567grp	4	337	230	172	1.34	20.68	0.0001
Other specified diseases of stomach and duodenum	K318grp	4	702	441	358	1.23	20.03	0.0001
Abdominal Distension Gaseous	R140ngrp	5	789	490	402	1.22	19.85	0.0001
Abdominal Distension Gaseous	R140grp	4	789	490	402	1.22	19.85	0.0001
Other Diseases Of Digestive System	K92grp	3	1,304	777	665	1.17	19.60	0.0001
Acute Pancreatitis	K85grp	3	476	310	243	1.28	19.46	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	117	92	60	1.54	19.14	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	117	92	60	1.54	19.14	0.0001

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Diverticular disease of large intestine without perforation or abscess	K573grp	4	1,576	924	803	1.15	18.71	0.0001
Other Diseases Of Intestine	K63grp	3	760	471	387	1.22	18.67	0.0001
Gastroparesis	K3184grp	5	354	237	180	1.31	18.52	0.0001
Acute Kidney Failure	N17grp	3	7,152	3,897	3,645	1.07	18.10	0.0001
Severe Sepsis With Septic Shock	R6521grp	5	469	303	239	1.27	17.77	0.0001
Calculus Of Kidney And Ureter	N20grp	3	1,572	917	801	1.15	17.24	0.0001
Acute Kidney Failure Unspecified	N179grp	4	6,480	3,533	3,302	1.07	16.69	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	6,480	3,533	3,302	1.07	16.69	0.0001
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	1,247	736	636	1.16	16.35	0.0001
Other Specified Diseases Intestine	K638grp	4	466	298	237	1.26	15.98	0.0001
Other Specified Diseases Intestine	K6389grp	5	462	295	235	1.25	15.60	0.0001
Anorexia	R630ngrp	5	294	197	150	1.32	15.49	0.0003
Anorexia	R630grp	4	294	197	150	1.32	15.49	0.0003
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	211	147	108	1.37	15.22	0.0005
Diaphragmatic Hernia	K44grp	3	1,059	627	540	1.16	14.53	0.0005
Diaphragmatic hernia without obstruction or gangrene	K449ngrp	5	1,057	625	539	1.16	14.23	0.0005
Diaphragmatic hernia without obstruction or gangrene	K449grp	4	1,057	625	539	1.16	14.23	0.0005
Acute Pancreatitis Unspecified	K859grp	4	323	212	165	1.29	14.18	0.0005
Toxic Gastroenteritis And Colitis	K521ngrp	5	127	94	65	1.45	14.13	0.0005
Toxic Gastroenteritis And Colitis	K521grp	4	127	94	65	1.45	14.13	0.0005
Calculus Of Kidney	N200grp	4	1,094	645	558	1.16	14.12	0.0005
Calculus Of Kidney	N200ngrp	5	1,094	645	558	1.16	14.12	0.0005
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	317	208	162	1.29	13.88	0.0005
Fracture Of Femur	S72grp	3	325	212	166	1.28	13.48	0.0006
Orthostatic Hypotension	I951grp	4	602	370	307	1.21	13.43	0.0007
Orthostatic Hypotension	I951ngrp	5	602	370	307	1.21	13.43	0.0007

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Drug Induced Acute Pancreatitis	K853grp	4	26	25	13	1.89	13.33	0.0008
Pneumonitis due to inhalation of food and vomit	J690grp	4	514	320	262	1.22	13.29	0.0008
Pneumonitis due to inhalation of food and vomit	J690ngrp	5	514	320	262	1.22	13.29	0.0008
Hypotension Unspecified	I959grp	4	1,989	1,128	1,014	1.11	13.26	0.0008
Hypotension Unspecified	I959ngrp	5	1,989	1,128	1,014	1.11	13.26	0.0008
Other Specified Diseases Pancreas	K8689grp	5	229	155	117	1.33	13.13	0.001
Pneumonitis due to solids and liquids	J69grp	3	524	325	267	1.22	12.98	0.001
Elevated White Blood Cell Count	D7282grp	5	3,588	1,975	1,829	1.08	12.08	0.0024
Gastritis Unspecified	K297grp	4	581	355	296	1.2	12.08	0.0024
Drug induced acute pancreatitis without necrosis or	K8530grp	5	24	23	12	1.88	12.06	0.0025
Hypovolemia	E861ngrp	5	671	405	342	1.18	11.97	0.0025
Hypovolemia	E861grp	4	671	405	342	1.18	11.97	0.0025
Other Specified Diseases Pancreas	K868grp	4	234	156	119	1.31	11.80	0.0034
Fracture Of Shaft Of Femur	S723grp	4	28	26	14	1.82	11.75	0.0036
Vascular disorder of intestine, unspecified	K559ngrp	5	76	59	39	1.52	11.49	0.0038
Vascular disorder of intestine, unspecified	K559grp	4	76	59	39	1.52	11.49	0.0038
Syncope And Collapse	R55ngrp	4	2,930	1,621	1,493	1.09	11.25	0.0057
Syncope And Collapse	R55nnggrp	5	2,930	1,621	1,493	1.09	11.25	0.0057
Syncope And Collapse	R55grp	3	2,930	1,621	1,493	1.09	11.25	0.0057
Gastritis, unspecified, without bleeding	K2970grp	5	519	318	264	1.2	11.16	0.0059
Other Disorders White Blood Cells	D72grp	3	3,934	2,152	2,005	1.07	11.13	0.0063
Disease Of Pancreas Unspecified	K869ngrp	5	66	52	34	1.55	10.92	0.0065
Disease Of Pancreas Unspecified	K869grp	4	66	52	34	1.55	10.92	0.0065
Other specified disorders of white blood cells	D728grp	4	3,844	2,103	1,959	1.07	10.91	0.0067
Other Disorders Of Brain	G93grp	3	2,616	1,448	1,333	1.09	10.17	0.0156
Hypokalemia	E876ngrp	5	2,646	1,463	1,348	1.09	10.00	0.0215
Hypokalemia	E876grp	4	2,646	1,463	1,348	1.09	10.00	0.0215
Other Diseases Of Gallbladder	K82grp	3	578	347	295	1.18	9.61	0.0279

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Symptoms and signs specifically associated with systemic inflammation and infection	R65grp	3	2,064	1,151	1,052	1.09	9.60	0.0281
Shock Not Elsewhere Classified	R57grp	3	638	380	325	1.17	9.52	0.0324
Hematemesis	K920ngrp	5	263	169	134	1.26	9.45	0.0338
Hematemesis	K920grp	4	263	169	134	1.26	9.45	0.0338
Melena	K921ngrp	5	574	344	293	1.18	9.32	0.0454
Melena	K921grp	4	574	344	293	1.18	9.32	0.0454
Inpatient, Emergency Department, or Outpatient Setting								
Nausea And Vomiting	R11grp	3	21,092	14,072	10,048	1.41	1,571.05	0.0001
Nausea With Vomiting Unspecified	R112grp	4	8,240	5,798	3,926	1.48	874.05	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	8,240	5,798	3,926	1.48	874.05	0.0001
Nausea	R110grp	4	10,219	6,505	4,868	1.34	531.27	0.0001
Nausea	R110ngrp	5	10,219	6,505	4,868	1.34	531.27	0.0001
Other functional intestinal disorders	K59grp	3	13,379	7,947	6,374	1.25	373.37	0.0001
Constipation	K590grp	4	12,810	7,627	6,103	1.25	366.05	0.0001
Constipation Unspecified	K5900grp	5	9,178	5,527	4,373	1.27	292.92	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological	T509grp	4	2,258	1,639	1,076	1.52	289.85	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	2,914	1,978	1,388	1.43	243.20	0.0001
Age-Related Cataract	H25grp	3	22,279	12,234	10,614	1.15	237.94	0.0001
Disorders Refraction Accommodation	H52grp	3	24,399	13,221	11,624	1.14	211.27	0.0001
Vomiting	R111grp	4	2,633	1,769	1,254	1.41	204.61	0.0001
Volume Depletion	E86grp	3	7,795	4,603	3,714	1.24	204.33	0.0001
Vomiting Unspecified	R1110grp	5	2,346	1,591	1,118	1.42	194.54	0.0001
Other symptoms and signs involving the digestive system	R19grp	3	15,816	8,762	7,535	1.16	191.84	0.0001
Diarrhea Unspecified	R197ngrp	5	10,215	5,832	4,867	1.2	183.63	0.0001
Diarrhea Unspecified	R197grp	4	10,215	5,832	4,867	1.2	183.63	0.0001

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Abdominal And Pelvic Pain	R10grp	3	27,339	14,594	13,025	1.12	182.26	0.0001
Dehydration	E860ngrp	5	6,425	3,800	3,061	1.24	171.10	0.0001
Dehydration	E860grp	4	6,425	3,800	3,061	1.24	171.10	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	1,567	1,094	747	1.47	157.65	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	641	519	305	1.7	151.83	0.0001
Abnormal and inconclusive findings on diagnostic imaging of breast	R92grp	3	9,526	5,321	4,538	1.17	129.30	0.0001
Age-Related Nuclear Cataract	H251grp	4	13,593	7,402	6,476	1.14	127.00	0.0001
Diverticular Disease Of Intestine	K57grp	3	15,057	8,147	7,173	1.14	126.78	0.0001
Other and unspecified noninfective gastroenteritis and	K52grp	3	5,602	3,253	2,669	1.22	122.44	0.0001
Diverticular disease of large intestine without perforation or abscess	K573grp	4	12,277	6,697	5,849	1.15	117.86	0.0001
Age-related nuclear cataract, bilateral	H2513grp	5	12,216	6,658	5,820	1.14	115.68	0.0001
Acute Kidney Failure	N17grp	3	9,659	5,330	4,602	1.16	110.39	0.0001
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	11,502	6,271	5,480	1.15	109.48	0.0001
Other disorders of kidney and ureter, not elsewhere classified	N28grp	3	10,075	5,539	4,800	1.15	109.01	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	849	616	404	1.52	108.65	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	849	616	404	1.52	108.65	0.0001
Acute Kidney Failure Unspecified	N179grp	4	8,813	4,872	4,199	1.16	103.39	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	8,813	4,872	4,199	1.16	103.39	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	4,789	2,774	2,282	1.22	101.76	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	4,789	2,774	2,282	1.22	101.76	0.0001
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	1,094	751	521	1.44	98.47	0.0001
Cyst Of Kidney Acquired	N281ngrp	5	5,177	2,969	2,466	1.2	98.03	0.0001

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Cyst Of Kidney Acquired	N281grp	4	5,177	2,969	2,466	1.2	98.03	0.0001
Cholelithiasis	K80grp	3	4,463	2,574	2,126	1.21	90.24	0.0001
Hypotension	I95grp	3	5,578	3,156	2,657	1.19	89.49	0.0001
Seborrheic Keratosis	L82grp	3	17,217	9,060	8,202	1.11	86.08	0.0001
Other disorders of bone density and structure	M85grp	3	9,647	5,225	4,596	1.14	82.42	0.0001
Other specified disorders of bone density and structure	M858grp	4	9,169	4,978	4,368	1.14	81.48	0.0001
Calculus of gallbladder without cholecystitis	K802grp	4	3,672	2,132	1,749	1.22	80.08	0.0001
Calculus of gallbladder without cholecystitis without obstruction	K8020grp	5	3,648	2,119	1,738	1.22	79.95	0.0001
Dry Eye Syndrome	H0412grp	5	11,033	5,916	5,256	1.13	79.31	0.0001
Other Disorders Of Lacrimal Gland	H041grp	4	11,052	5,923	5,265	1.13	78.68	0.0001
Disorders Of Lacrimal System	H04grp	3	11,553	6,171	5,504	1.12	77.43	0.0001
Spondylosis	M47grp	3	17,541	9,162	8,357	1.1	74.50	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	1,195	775	569	1.36	71.66	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	1,195	775	569	1.36	71.66	0.0001
Disorders Of Vitreous Body	H43grp	3	12,004	6,365	5,719	1.11	69.94	0.0001
Spondylosis without myelopathy or radiculopathy	M4781grp	5	12,660	6,692	6,031	1.11	69.34	0.0001
Glaucoma	H40grp	3	9,414	5,053	4,485	1.13	68.87	0.0001
Unspecified Abdominal Pain	R109ngrp	5	8,737	4,708	4,162	1.13	68.43	0.0001
Unspecified Abdominal Pain	R109grp	4	8,737	4,708	4,162	1.13	68.43	0.0001
Other Abdominal Pain	R108grp	4	3,338	1,927	1,590	1.21	68.21	0.0001
Glaucoma Suspect	H400grp	4	7,844	4,249	3,737	1.14	67.11	0.0001
Combine Forms Age-Relate Cataract	H2581grp	5	5,801	3,203	2,764	1.16	66.78	0.0001
Other Spondylosis	M478grp	4	14,260	7,478	6,794	1.1	66.10	0.0001
Other Age-Related Cataract	H258grp	4	5,918	3,260	2,819	1.16	65.84	0.0001
Drug Induced Constipation	K5903grp	5	733	502	349	1.44	64.93	0.0001

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Abnormal findings on diagnostic imaging of other body structures	R93grp	3	10,080	5,369	4,802	1.12	64.04	0.0001
Paralytic ileus and intestinal obstruction without hernia	K56grp	3	1,601	985	763	1.29	62.15	0.0001
Other Diseases Of Liver	K76grp	3	15,536	8,094	7,402	1.09	62.15	0.0001
Presbyopia	H524ngrp	5	7,067	3,827	3,367	1.14	60.16	0.0001
Presbyopia	H524grp	4	7,067	3,827	3,367	1.14	60.16	0.0001
Other Retinal Disorders	H35grp	3	11,858	6,244	5,649	1.11	59.97	0.0001
Other Melanin Hyperpigmentation	L814ngrp	5	9,721	5,166	4,631	1.12	59.11	0.0001
Other Melanin Hyperpigmentation	L814grp	4	9,721	5,166	4,631	1.12	59.11	0.0001
Astigmatism	H522grp	4	6,392	3,472	3,045	1.14	57.19	0.0001
Skin changes due to chronic exposure to nonionizing radiation	L57grp	3	12,612	6,604	6,009	1.1	56.55	0.0001
Acquired Deformities Fingers & Toes	M20grp	3	6,167	3,353	2,938	1.14	56.04	0.0001
Generalized Abdominal Pain	R1084grp	5	2,845	1,636	1,355	1.21	55.55	0.0001
Hypermetropia	H520grp	4	4,819	2,661	2,296	1.16	55.52	0.0001
Other Disorders Of Pigmentation	L81grp	3	12,607	6,594	6,006	1.1	55.14	0.0001
Other Seborrheic Keratosis	L821ngrp	5	11,521	6,045	5,489	1.1	54.00	0.0001
Other Seborrheic Keratosis	L821grp	4	11,521	6,045	5,489	1.1	54.00	0.0001
Hypotension Unspecified	I959ngrp	5	3,175	1,802	1,513	1.19	52.93	0.0001
Hypotension Unspecified	I959grp	4	3,175	1,802	1,513	1.19	52.93	0.0001
Calculus Of Kidney And Ureter	N20grp	3	5,730	3,115	2,730	1.14	51.95	0.0001
Gastroparesis	K3184grp	5	1,105	695	526	1.32	51.88	0.0001
Diaphragmatic Hernia	K44grp	3	6,776	3,646	3,228	1.13	51.71	0.0001
Diaphragmatic hernia without obstruction or gangrene	K449ngrp	5	6,750	3,631	3,216	1.13	51.26	0.0001
Diaphragmatic hernia without obstruction or gangrene	K449grp	4	6,750	3,631	3,216	1.13	51.26	0.0001
Gastritis And Duodenitis	K29grp	3	8,510	4,520	4,054	1.12	51.19	0.0001
Other specified disorders of bone density and structure, thigh	M8585grp	5	2,255	1,311	1,074	1.22	49.88	0.0001
Other Disorders Of Vitreous Body	H438grp	4	7,876	4,194	3,752	1.12	49.75	0.0001

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Other Spondylopathies	M48grp	3	11,790	6,155	5,617	1.1	49.38	0.0001
Mammographic density found on imaging of breast	R923grp	4	1,566	939	746	1.26	47.79	0.0001
Pain Localized To Upper Abdomen	R101grp	4	7,114	3,800	3,389	1.12	47.61	0.0001
Other Diseases Of Intestine	K63grp	3	11,529	6,015	5,493	1.1	47.60	0.0001
Other Diseases Of Digestive System	K92grp	3	3,544	1,978	1,688	1.17	47.47	0.0001
Tinea Unguium	B351ngrp	5	8,178	4,335	3,896	1.11	47.30	0.0001
Tinea Unguium	B351grp	4	8,178	4,335	3,896	1.11	47.30	0.0001
Vitreous Degeneration	H4381grp	5	7,352	3,917	3,503	1.12	46.89	0.0001
Elevated White Blood Cell Count	D7282grp	5	6,171	3,318	2,940	1.13	46.47	0.0001
Calculus Of Kidney	N200ngrp	5	4,773	2,604	2,274	1.15	45.79	0.0001
Calculus Of Kidney	N200grp	4	4,773	2,604	2,274	1.15	45.79	0.0001
Acute Pancreatitis	K85grp	3	762	493	363	1.36	44.85	0.0001
Other Diseases Of Pancreas	K86grp	3	1,732	1,021	825	1.24	44.49	0.0001
Other specified disorders of white blood cells	D728grp	4	6,926	3,691	3,300	1.12	44.38	0.0001
Age-Related Incipient Cataract	H250grp	4	2,435	1,392	1,160	1.2	44.33	0.0001
Other Specified Diseases Intestine	K6389grp	5	2,462	1,405	1,173	1.2	43.89	0.0001
Other Diseases Stomach And Duodenum	K31grp	3	6,998	3,725	3,334	1.12	43.86	0.0001
Other Specified Diseases Intestine	K638grp	4	2,491	1,419	1,187	1.2	43.45	0.0001
Hypermetropia Bilateral	H5203grp	5	3,890	2,142	1,853	1.16	42.99	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928ngrp	5	3,965	2,179	1,889	1.15	42.54	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928grp	4	3,965	2,179	1,889	1.15	42.54	0.0001
Hepatomegaly and splenomegaly, not elsewhere classified	R16grp	3	4,527	2,462	2,157	1.14	41.29	0.0001
Hemorrhoids and perianal venous thrombosis	K64grp	3	12,578	6,500	5,992	1.09	41.22	0.0001
Epigastric Pain	R1013grp	5	3,553	1,962	1,693	1.16	40.93	0.0001
Spinal Stenosis	M480grp	4	11,124	5,775	5,300	1.09	40.84	0.0001
Other Disorders White Blood Cells	D72grp	3	7,278	3,852	3,467	1.11	40.81	0.0001
Anorexia	R630ngrp	5	795	503	379	1.33	39.20	0.0001

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Anorexia	R630grp	4	795	503	379	1.33	39.20	0.0001
Regular Astigmatism	H5222grp	5	3,971	2,170	1,892	1.15	39.07	0.0001
Other Disorders Of Eyelid	H02grp	3	6,140	3,266	2,925	1.12	37.96	0.0001
Other specified diseases of stomach and duodenum	K318grp	4	4,276	2,321	2,037	1.14	37.79	0.0001
Foreign Body In Stomach	T182grp	4	216	165	103	1.6	37.29	0.0001
Foreign body in stomach	T182Xgrp	5	216	165	103	1.6	37.29	0.0001
Other Diseases Of Gallbladder	K82grp	3	1,870	1,076	891	1.21	36.77	0.0001
Degeneration of macula and posterior pole	H353grp	4	6,960	3,671	3,316	1.11	36.37	0.0001
Fatty (change of) liver, not elsewhere classified	K760grp	4	12,618	6,486	6,011	1.08	35.91	0.0001
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	12,618	6,486	6,011	1.08	35.91	0.0001
Unspecified Lump In Breast	N63grp	3	4,556	2,453	2,171	1.13	35.12	0.0001
Hepatomegaly, not elsewhere classified	R160grp	4	3,016	1,665	1,437	1.16	34.60	0.0001
Hepatomegaly, not elsewhere classified	R160ngrp	5	3,016	1,665	1,437	1.16	34.60	0.0001
Other Disorders Of Brain	G93grp	3	4,413	2,375	2,102	1.13	33.76	0.0001
Syncope And Collapse	R55nnggrp	5	6,042	3,196	2,878	1.11	33.48	0.0001
Syncope And Collapse	R55ngrp	4	6,042	3,196	2,878	1.11	33.48	0.0001
Syncope And Collapse	R55grp	3	6,042	3,196	2,878	1.11	33.48	0.0001
Other specified diseases of gallbladder	K828ngrp	5	1,121	669	534	1.25	32.64	0.0001
Other specified diseases of gallbladder	K828grp	4	1,121	669	534	1.25	32.64	0.0001
Ileus Unspecified	K567grp	4	392	266	187	1.42	32.61	0.0001
Ileus Unspecified	K567ngrp	5	392	266	187	1.42	32.61	0.0001
Abnormal results of cardiovascular function studies	R943grp	4	15,956	8,107	7,602	1.07	32.24	0.0001
Hypokalemia	E876ngrp	5	4,465	2,395	2,127	1.13	32.21	0.0001
Hypokalemia	E876grp	4	4,465	2,395	2,127	1.13	32.21	0.0001
Dermatophytosis	B35grp	3	11,959	6,135	5,697	1.08	32.20	0.0001
Inflamed Seborrheic Keratosis	L820grp	4	5,696	3,015	2,714	1.11	31.98	0.0001
Inflamed Seborrheic Keratosis	L820ngrp	5	5,696	3,015	2,714	1.11	31.98	0.0001
Other Specified Disorders Of Eyelid	H028grp	4	4,100	2,207	1,953	1.13	31.48	0.0001

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Other specified disorders of bone density and structure, multiple sites	M8589grp	5	2,212	1,240	1,054	1.18	31.42	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	7,259	3,794	3,458	1.1	31.16	0.0001
Other disorders of fluid, electrolyte and acid-base balance	E87grp	3	14,989	7,619	7,141	1.07	30.70	0.0001
Other Specified Diseases Pancreas	K8689grp	5	792	487	377	1.29	30.58	0.0001
Abnormal Electrocardiogram	R9431grp	5	13,564	6,916	6,462	1.07	30.57	0.0001
Acute Pancreatitis Unspecified	K859grp	4	541	348	258	1.35	30.45	0.0001
Other Hammer Toes Acquired	M204grp	4	3,109	1,698	1,481	1.15	30.32	0.0001
Obstructive And Reflux Uropathy	N13grp	3	3,802	2,051	1,811	1.13	30.29	0.0001
Cortical Age-Related Cataract	H2501grp	5	1,466	846	698	1.21	29.81	0.0001
Other skin changes due to chronic exposure to nonionizing radiation	L578grp	4	5,006	2,657	2,385	1.11	29.66	0.0001
Other skin changes due to chronic exposure to nonionizing radiation	L578ngrp	5	5,006	2,657	2,385	1.11	29.66	0.0001
Atrioventricular and left bundle-branch block	I44grp	3	4,550	2,427	2,168	1.12	29.64	0.0001
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	528	339	252	1.35	29.28	0.0001
Severe Sepsis With Septic Shock	R6521grp	5	512	330	244	1.35	29.26	0.0001
Nail Disorders	L60grp	3	7,686	3,996	3,662	1.09	29.19	0.0001
Foreign Body In Alimentary Tract	T18grp	3	435	286	207	1.38	28.90	0.0001
Other Specified Diseases Pancreas	K868grp	4	894	539	426	1.27	28.76	0.0001
Other Specified Disorders Of Breast	N6489grp	5	2,356	1,305	1,122	1.16	28.36	0.0001
Other specified disorders of bone density and structure, other site	M8588grp	5	1,653	940	788	1.19	28.21	0.0001
Other Specified Disorders Of Breast	N648grp	4	2,387	1,319	1,137	1.16	27.76	0.0001
Other Disorders Synovium And Tendon	M67grp	3	3,840	2,060	1,829	1.13	27.76	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921grp	4	1,694	960	807	1.19	27.70	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921ngrp	5	1,694	960	807	1.19	27.70	0.0001

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Myopia	H521grp	4	4,805	2,544	2,289	1.11	27.10	0.0001
Secondary Cataract	H264grp	4	4,474	2,377	2,131	1.12	27.02	0.0001
Other Secondary Cataract	H2649grp	5	4,361	2,320	2,078	1.12	27.01	0.0001
Corns And Callosities	L84grp	3	4,048	2,161	1,929	1.12	26.77	0.0001
Corns And Callosities	L84nnggrp	5	4,048	2,161	1,929	1.12	26.77	0.0001
Corns And Callosities	L84nggrp	4	4,048	2,161	1,929	1.12	26.77	0.0001
Thoracic, thoracolumbar, and lumbosacral intervertebral	M51grp	3	14,240	7,218	6,784	1.06	26.61	0.0001
Other degenerative diseases of nervous system, not	G31grp	3	2,620	1,434	1,248	1.15	26.41	0.0001
Myopia Bilateral	H5213grp	5	4,060	2,165	1,934	1.12	26.30	0.0001
Other and unspecified injuries of head	S09grp	3	4,295	2,283	2,046	1.12	26.18	0.0001
Eructation	R142grp	4	424	276	202	1.37	26.14	0.0001
Eructation	R142nnggrp	5	424	276	202	1.37	26.14	0.0001
Sensorineural Hear Loss Bilateral	H903nnggrp	5	5,051	2,662	2,406	1.11	25.95	0.0001
Sensorineural Hear Loss Bilateral	H903grp	4	5,051	2,662	2,406	1.11	25.95	0.0001
Toxic Gastroenteritis And Colitis	K521grp	4	280	193	133	1.45	25.89	0.0001
Toxic Gastroenteritis And Colitis	K521nnggrp	5	280	193	133	1.45	25.89	0.0001
Other Cataract	H26grp	3	6,783	3,527	3,232	1.09	25.83	0.0001
Unspecified Injury Of Head	S0990grp	5	3,556	1,908	1,694	1.13	25.79	0.0001
Unspecified Injury Of Face And Head	S099grp	4	3,981	2,122	1,897	1.12	25.58	0.0001
Viral Intestinal Infection Unspec	A084nnggrp	5	906	539	432	1.25	25.56	0.0001
Viral Intestinal Infection Unspec	A084grp	4	906	539	432	1.25	25.56	0.0001
Other Diseases Of Biliary Tract	K83grp	3	987	582	470	1.24	25.42	0.0001
Mammographic heterogeneous density of breast	R9233grp	5	308	208	147	1.42	24.79	0.0001
Other Constipation	K5909grp	5	1,631	919	777	1.18	24.78	0.0001
Abnormal Weight Loss	R634grp	4	2,259	1,243	1,076	1.16	24.68	0.0001
Abnormal Weight Loss	R634nnggrp	5	2,259	1,243	1,076	1.16	24.68	0.0001
Other & Unspecified Encephalopathy	G934grp	4	2,162	1,193	1,030	1.16	24.63	0.0001
Viral and other specified intestinal infections	A08grp	3	1,079	629	514	1.22	24.58	0.0001
Other Sepsis	A41grp	3	4,545	2,400	2,165	1.11	24.30	0.0001

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Abnormal Results Function Studies	R94grp	3	21,783	10,889	10,378	1.05	24.24	0.0001
Mammographic fibroglandular density of breast	R9232grp	5	863	513	411	1.25	24.15	0.0001
Actinic Keratosis	L570grp	4	7,195	3,722	3,428	1.09	24.15	0.0001
Actinic Keratosis	L570ngrp	5	7,195	3,722	3,428	1.09	24.15	0.0001
Symptoms and signs specifically associated with systemic inflammation and infection	R65grp	3	2,271	1,247	1,082	1.15	24.05	0.0001
Muscle Weakness Generalized	M6281grp	5	5,839	3,046	2,782	1.1	23.99	0.0001
Other Specified Diseases Of Liver	K7689grp	5	1,624	913	774	1.18	23.96	0.0001
Hypovolemia	E861grp	4	779	467	371	1.26	23.72	0.0001
Hypovolemia	E861ngrp	5	779	467	371	1.26	23.72	0.0001
Flatulence And Related Conditions	R14grp	3	4,785	2,517	2,280	1.1	23.61	0.0001
Unspecified Lump In Right Breast	N631grp	4	1,956	1,083	932	1.16	23.41	0.0001
Abnormal findings on diagnostic imaging of lung	R91grp	3	11,947	6,063	5,692	1.07	23.21	0.0001
Spinal Stenosis Lumbar Region	M4806grp	5	6,335	3,288	3,018	1.09	23.08	0.0001
Difficulty in walking, not elsewhere classified	R262grp	4	3,697	1,967	1,761	1.12	22.94	0.0001
Difficulty in walking, not elsewhere classified	R262ngrp	5	3,697	1,967	1,761	1.12	22.94	0.0001
Other specified erythematous conditions	L538ngrp	5	4,661	2,450	2,221	1.1	22.65	0.0001
Other specified erythematous conditions	L538grp	4	4,661	2,450	2,221	1.1	22.65	0.0001
Acute Pain Not Elsewhere Classified	G891grp	4	3,442	1,837	1,640	1.12	22.64	0.0001
Other Specified Diseases Of Liver	K768grp	4	1,665	930	793	1.17	22.52	0.0001
Unspecified Chronic Gastritis	K295grp	4	2,713	1,467	1,293	1.14	22.49	0.0001
Shoulder Lesions	M75grp	3	7,105	3,666	3,385	1.08	22.32	0.0001
Severe Sepsis	R652grp	4	1,625	907	774	1.17	21.76	0.0001
Other specified disorders of synovium and tendon	M678grp	4	1,377	778	656	1.19	21.66	0.0001
Other Diseases Of Anus And Rectum	K62grp	3	5,872	3,047	2,797	1.09	21.27	0.0001
Other hammer toe(s) (acquired), left foot	M2042grp	5	2,044	1,121	974	1.15	21.25	0.0001
Orthostatic Hypotension	I951ngrp	5	1,551	867	739	1.17	21.20	0.0001
Orthostatic Hypotension	I951grp	4	1,551	867	739	1.17	21.20	0.0001
Other Vitreous Opacities	H433grp	4	3,348	1,783	1,595	1.12	21.15	0.0001

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Heartburn	R12ngrp	4	2,447	1,326	1,166	1.14	21.02	0.0001
Heartburn	R12grp	3	2,447	1,326	1,166	1.14	21.02	0.0001
Heartburn	R12nnggrp	5	2,447	1,326	1,166	1.14	21.02	0.0001
Other specified and unspecified injuries of neck	S19grp	3	1,812	1,001	863	1.16	20.98	0.0001
Unspecified chronic gastritis without bleeding	K2950grp	5	2,656	1,432	1,265	1.13	20.95	0.0001
Other Erythematous Conditions	L53grp	3	5,394	2,807	2,570	1.09	20.93	0.0001
Hematemesis	K920grp	4	384	246	183	1.34	20.92	0.0001
Hematemesis	K920nnggrp	5	384	246	183	1.34	20.92	0.0001
Other Cerebrovascular Diseases	I67grp	3	3,726	1,972	1,775	1.11	20.85	0.0001
Other Acute Postprocedural Pain	G8918grp	5	3,045	1,627	1,451	1.12	20.46	0.0001
Upper Abdominal Pain, Unspecified	R1010grp	5	717	427	342	1.25	20.44	0.0001
Acute Posthemorrhagic Anemia	D62nnggrp	5	2,017	1,104	961	1.15	20.34	0.0001
Acute Posthemorrhagic Anemia	D62ngrp	4	2,017	1,104	961	1.15	20.34	0.0001
Acute Posthemorrhagic Anemia	D62grp	3	2,017	1,104	961	1.15	20.34	0.0001
Degenerative disease of nervous system, unspecified	G319ngrp	5	1,128	643	537	1.2	19.83	0.0001
Degenerative disease of nervous system, unspecified	G319grp	4	1,128	643	537	1.2	19.83	0.0001
Nail Dystrophy	L603grp	4	2,112	1,150	1,006	1.14	19.62	0.0001
Nail Dystrophy	L603nnggrp	5	2,112	1,150	1,006	1.14	19.62	0.0001
Unspecified injury of neck	S199Xgrp	5	1,742	960	830	1.16	19.47	0.0001
Unspecified Injury Of Neck	S199grp	4	1,742	960	830	1.16	19.47	0.0001
Atrioventricular Block First Degree	I440grp	4	1,922	1,052	916	1.15	19.38	0.0001
Atrioventricular Block First Degree	I440nnggrp	5	1,922	1,052	916	1.15	19.38	0.0001
Pneumonitis due to solids and liquids	J69grp	3	611	367	291	1.26	18.96	0.0001
Shock Not Elsewhere Classified	R57grp	3	667	397	318	1.25	18.91	0.0001
Open angle with borderline findings, low risk	H4001grp	5	3,460	1,829	1,648	1.11	18.90	0.0001
Pneumonitis due to inhalation of food and vomit	J690grp	4	589	355	281	1.27	18.89	0.0001
Pneumonitis due to inhalation of food and vomit	J690nnggrp	5	589	355	281	1.27	18.89	0.0001
Abnormalities Of Gait And Mobility	R26grp	3	11,198	5,659	5,335	1.06	18.86	0.0001
First Degree Hemorrhoids	K640grp	4	2,100	1,141	1,000	1.14	18.84	0.0001

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
First Degree Hemorrhoids	K640ngrp	5	2,100	1,141	1,000	1.14	18.84	0.0001
Spinal Stenosis Cervical Region	M4802grp	5	2,871	1,532	1,368	1.12	18.82	0.0001
Melena	K921ngrp	5	2,021	1,100	963	1.14	18.65	0.0001
Melena	K921grp	4	2,021	1,100	963	1.14	18.65	0.0001
Other Vitreous Opacities	H4339grp	5	3,105	1,649	1,479	1.11	18.60	0.0001
Primary Osteoarthritis Other Joints	M190grp	4	10,739	5,430	5,116	1.06	18.43	0.0001
Sepsis Unspecified Organism	A419grp	4	3,523	1,858	1,678	1.11	18.35	0.0001
Sepsis Unspecified Organism	A419ngrp	5	3,523	1,858	1,678	1.11	18.35	0.0001
Weakness	R531ngrp	5	6,542	3,361	3,117	1.08	18.31	0.0001
Weakness	R531grp	4	6,542	3,361	3,117	1.08	18.31	0.0001
Other specified diseases of biliary tract	K838grp	4	735	432	350	1.23	18.29	0.0001
Other specified diseases of biliary tract	K838ngrp	5	735	432	350	1.23	18.29	0.0001
Inguinal Hernia	K40grp	3	1,344	751	640	1.17	18.27	0.0001
Other Deforming Dorsopathies	M43grp	3	6,978	3,572	3,324	1.07	17.63	0.0001
Abnormal findings on diagnostic imaging of other abdominal regions, including retroperitoneum	R935grp	4	991	565	472	1.2	17.45	0.0001
Abnormal findings on diagnostic imaging of other abdominal regions, including retroperitoneum	R935ngrp	5	991	565	472	1.2	17.45	0.0001
Other Hemorrhoids	K648grp	4	5,030	2,605	2,396	1.09	17.36	0.0001
Other Hemorrhoids	K648ngrp	5	5,030	2,605	2,396	1.09	17.36	0.0001
Multiple Valve Diseases	I08grp	3	3,586	1,884	1,708	1.1	17.23	0.0001
Other Specified Disorders Bladder	N3289grp	5	1,580	869	753	1.15	17.14	0.0001
Other Disorders Of Muscle	M62grp	3	14,044	7,035	6,691	1.05	16.99	0.0001
Benign Mammary Dysplasia	N60grp	3	3,075	1,626	1,465	1.11	16.90	0.0001
Nonrheumatic tricuspid valve disorders	I36grp	3	3,670	1,924	1,748	1.1	16.83	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	2,199	1,183	1,048	1.13	16.70	0.0002
Pain localized to other parts of lower abdomen	R103grp	4	5,178	2,674	2,467	1.08	16.62	0.0002

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Dermatochalasis Of Eyelid	H0283grp	5	1,989	1,076	948	1.14	16.61	0.0002
Follicular cysts of skin and subcutaneous tissue	L72grp	3	5,948	3,055	2,834	1.08	16.52	0.0002
Ocular Hypertension	H4005grp	5	1,229	686	586	1.17	16.47	0.0002
Abnormal findings on diagnostic imaging of other parts of	R933ngrp	5	861	494	410	1.2	16.36	0.0002
Abnormal findings on diagnostic imaging of other parts of	R933grp	4	861	494	410	1.2	16.36	0.0002
Background retinopathy and retinal vascular changes	H350grp	4	2,418	1,292	1,152	1.12	16.25	0.0003
Inconclusive Mammogram	R922grp	4	2,051	1,106	977	1.13	16.22	0.0003
Inconclusive Mammogram	R922ngrp	5	2,051	1,106	977	1.13	16.22	0.0003
Other specified cerebrovascular diseases	I678grp	4	2,245	1,203	1,070	1.12	15.89	0.0004
Unspecified Astigmatism	H5220grp	5	2,143	1,151	1,021	1.13	15.81	0.0004
Hypertensive Retinopathy	H3503grp	5	1,809	981	862	1.14	15.73	0.0004
Viral Warts	B07grp	3	3,278	1,722	1,562	1.1	15.71	0.0004
Cystitis	N30grp	3	7,065	3,601	3,366	1.07	15.71	0.0004
Polyp Of Colon	K635ngrp	5	8,478	4,296	4,039	1.06	15.64	0.0004
Polyp Of Colon	K635grp	4	8,478	4,296	4,039	1.06	15.64	0.0004
Atherosclerosis	I70grp	3	8,930	4,516	4,254	1.06	15.40	0.0006
Nonrheumatic Aortic Valve Disorders	I35grp	3	4,910	2,533	2,339	1.08	15.34	0.0006
Other Cardiac Arrhythmias	I49grp	3	8,848	4,475	4,215	1.06	15.31	0.0006
Fracture Lower Leg Including Ankle	S82grp	3	1,396	768	665	1.15	15.20	0.0006
Cerebral Ischemia	I6782grp	5	1,544	843	736	1.15	14.97	0.0007
Preglaucoma, Unspecified	H4000grp	5	1,215	674	579	1.16	14.93	0.0007
Primary Osteoarthritis Shoulder	M1901grp	5	4,378	2,266	2,086	1.09	14.88	0.0007
Other thoracic, thoracolumbar and lumbosacral intervertebral disc displacement	M512grp	4	3,109	1,633	1,481	1.1	14.86	0.0007
Nonrheumatic tricuspid (valve) insufficiency	I361grp	4	3,366	1,761	1,604	1.1	14.75	0.0008
Nonrheumatic tricuspid (valve) insufficiency	I361ngrp	5	3,366	1,761	1,604	1.1	14.75	0.0008
Peripheral Retinal Degeneration	H354grp	4	967	545	461	1.18	14.73	0.0008
Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction	I65grp	3	6,557	3,342	3,124	1.07	14.57	0.0008

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Intra-abdominal and pelvic swelling, mass and lump	R190grp	4	1,338	736	637	1.15	14.55	0.0008
Biomechanical lesions, not elsewhere classified	M99grp	3	8,534	4,314	4,066	1.06	14.51	0.0008
Functional Dyspepsia	K30ngrp	4	1,311	722	625	1.16	14.50	0.0008
Functional Dyspepsia	K30nnggrp	5	1,311	722	625	1.16	14.50	0.0008
Functional Dyspepsia	K30grp	3	1,311	722	625	1.16	14.50	0.0008
Retention Of Urine	R33grp	3	2,686	1,419	1,280	1.11	14.49	0.0008
Bilateral inguinal hernia, without obstruction or gangrene, not specified as recurrent	K4020grp	5	376	231	179	1.29	14.40	0.0008
Bilateral inguinal hernia, without obstruction or gangrene	K402grp	4	387	237	184	1.29	14.40	0.0008
Other specified disorders of kidney and ureter	N288grp	4	1,711	926	815	1.14	14.39	0.0008
Keratoconjunctivitis sicca, not specified as Sjögren's	H1622grp	5	2,340	1,244	1,115	1.12	14.29	0.001
Unspecified Escherichia coli [E. coli] as the cause of diseases classified elsewhere	B9620grp	5	1,163	645	554	1.16	14.25	0.001
Other Diseases Of Esophagus	K22grp	3	5,003	2,572	2,383	1.08	14.24	0.001
Hypertrophic Disorders Of Skin	L91grp	3	4,899	2,520	2,334	1.08	14.17	0.001
Hematuria	R31grp	3	6,959	3,537	3,315	1.07	14.17	0.001
Other nonspecific abnormal finding of lung field	R918ngrp	5	9,008	4,542	4,292	1.06	13.99	0.0011
Other nonspecific abnormal finding of lung field	R918grp	4	9,008	4,542	4,292	1.06	13.99	0.0011
Other & Unspecified Hydronephrosis	N133grp	4	854	484	407	1.19	13.97	0.0011
Solitary Cyst Of Breast	N600grp	4	1,422	777	677	1.15	13.96	0.0011
Other Specified Disorders Of Muscle	M628grp	4	12,430	6,215	5,922	1.05	13.91	0.0011
Gastritis Unspecified	K297grp	4	2,582	1,364	1,230	1.11	13.91	0.0011
Spondylolisthesis	M431grp	4	5,054	2,595	2,408	1.08	13.91	0.0011
Fecal Impaction	K5641grp	5	334	207	159	1.3	13.83	0.0012
Occlusion & Stenosis Carotid Artery	I652grp	4	6,179	3,150	2,944	1.07	13.81	0.0012
Keratoconjunctivitis	H162grp	4	2,548	1,346	1,214	1.11	13.72	0.0012
Abnormal findings on diagnostic imaging of other specified body structures	R9389grp	5	2,977	1,561	1,418	1.1	13.71	0.0012
Vascular disorder of intestine, unspecified	K559grp	4	126	89	60	1.48	13.65	0.0012

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Vascular disorder of intestine, unspecified	K559ngrp	5	126	89	60	1.48	13.65	0.0012
Gastrointestinal hemorrhage, unspecified	K922ngrp	5	1,010	564	481	1.17	13.61	0.0012
Gastrointestinal hemorrhage, unspecified	K922grp	4	1,010	564	481	1.17	13.61	0.0012
Nonexudative age-related macular degeneration	H3531grp	5	1,895	1,016	903	1.13	13.55	0.0012
Other specified disorders of kidney and ureter	N2889grp	5	1,627	880	775	1.14	13.54	0.0012
Drug Induced Acute Pancreatitis	K853grp	4	39	34	19	1.83	13.51	0.0012
Vascular Disorders Of Intestine	K55grp	3	624	362	297	1.22	13.47	0.0012
Other and unspecified intestinal obstruction	K566grp	4	575	336	274	1.23	13.44	0.0012
Escherichia coli [E. coli] as the cause of diseases classified	B962grp	4	1,246	685	594	1.15	13.43	0.0012
Open angle with borderline findings, high risk	H4002grp	5	1,077	598	513	1.17	13.41	0.0012
Gastritis, unspecified, without bleeding	K2970grp	5	2,488	1,313	1,185	1.11	13.13	0.0017
Unspecified Hydronephrosis	N1330grp	5	755	430	360	1.2	13.13	0.0017
Disease Of Pancreas Unspecified	K869ngrp	5	219	142	104	1.36	13.11	0.0017
Disease Of Pancreas Unspecified	K869grp	4	219	142	104	1.36	13.11	0.0017
Other Disorders Of Breast	N64grp	3	5,221	2,672	2,487	1.07	13.10	0.0017
Acute Gastritis	K290grp	4	876	493	417	1.18	13.10	0.0017
Other slipping, tripping and stumbling and falls	W18grp	3	2,316	1,226	1,103	1.11	13.01	0.0018
Other enthesopathy of foot and ankle	M775grp	4	919	515	438	1.18	12.99	0.0018
Hallux Valgus Acquired	M201grp	4	1,718	924	818	1.13	12.98	0.0018
Puckering Of Macula	H3537grp	5	2,695	1,416	1,284	1.1	12.97	0.0018
Abnormal findings on diagnostic imaging of other specified body structures	R938grp	4	3,005	1,571	1,432	1.1	12.95	0.0018
Fracture Of Femur	S72grp	3	523	307	249	1.23	12.84	0.0019
Other Impaction Of Intestine	K564grp	4	343	210	163	1.29	12.74	0.0021
Disorders Of Mineral Metabolism	E83grp	3	7,718	3,897	3,677	1.06	12.60	0.0029
Metabolic Encephalopathy	G9341grp	5	1,168	642	556	1.15	12.55	0.003
Altered Mental Status Unspecified	R4182grp	5	2,462	1,297	1,173	1.11	12.53	0.003
Other specified follicular disorders	L738ngrp	5	1,736	931	827	1.13	12.47	0.0034
Other specified follicular disorders	L738grp	4	1,736	931	827	1.13	12.47	0.0034

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Unspecified severe protein-calorie malnutrition	E43ngrp	5	315	194	150	1.29	12.33	0.0035
Unspecified severe protein-calorie malnutrition	E43grp	3	315	194	150	1.29	12.33	0.0035
Unspecified severe protein-calorie malnutrition	E43ngrp	4	315	194	150	1.29	12.33	0.0035
Other specified disorders of synovium and tendon, shoulder	M6781grp	5	677	387	323	1.2	12.31	0.0035
Drug induced acute pancreatitis without necrosis or	K8530grp	5	37	32	18	1.82	12.31	0.0035
Other Viral Warts	B078grp	4	1,823	974	869	1.12	12.23	0.004
Other Viral Warts	B078ngrp	5	1,823	974	869	1.12	12.23	0.004
Other and unspecified fall on same level	W183grp	4	1,788	956	852	1.12	12.16	0.0045
Other follicular cysts of the skin and subcutaneous tissue	L728ngrp	5	1,183	648	564	1.15	12.06	0.0054
Other follicular cysts of the skin and subcutaneous tissue	L728grp	4	1,183	648	564	1.15	12.06	0.0054
Other Toxic Encephalopathy	G928ngrp	5	407	243	194	1.25	11.90	0.0061
Other Toxic Encephalopathy	G928grp	4	407	243	194	1.25	11.90	0.0061
Other disorders of optic [2nd] nerve and visual pathways	H47grp	3	1,544	831	736	1.13	11.81	0.0067
Other Epidermal Thickening	L85grp	3	6,343	3,215	3,022	1.06	11.80	0.0068
Other nonrheumatic aortic valve disorders	I358grp	4	1,369	742	652	1.14	11.80	0.0069
Other nonrheumatic aortic valve disorders	I358ngrp	5	1,369	742	652	1.14	11.80	0.0069
Hallux Rigidus Left Foot	M2022grp	5	337	205	161	1.28	11.79	0.0069
Fall on same level from slipping, tripping and stumbling	W01grp	3	3,007	1,565	1,433	1.09	11.69	0.0069
Unspecified Lump In The Left Breast	N632grp	4	1,796	958	856	1.12	11.69	0.0069
Dysphagia	R131grp	4	6,057	3,073	2,886	1.07	11.63	0.0073
Rheumatic disorders of both mitral and aortic valves	I080grp	4	862	481	411	1.17	11.50	0.0083
Rheumatic disorders of both mitral and aortic valves	I080ngrp	5	862	481	411	1.17	11.50	0.0083
Epidermal Cyst	L720ngrp	5	2,695	1,408	1,284	1.1	11.44	0.0094
Epidermal Cyst	L720grp	4	2,695	1,408	1,284	1.1	11.44	0.0094
Other Specified Disorders Of Brain	G938grp	4	1,254	682	597	1.14	11.43	0.0096
Osteoarthritis Of Hip	M16grp	3	5,975	3,031	2,847	1.06	11.42	0.0096
Scoliosis	M41grp	3	2,284	1,202	1,088	1.1	11.37	0.01
Esophagitis	K20grp	3	2,288	1,204	1,090	1.1	11.37	0.01
Other Hypertrophic Disorders Skin	L918ngrp	5	4,024	2,068	1,917	1.08	11.35	0.01

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Other Hypertrophic Disorders Skin	L918grp	4	4,024	2,068	1,917	1.08	11.35	0.01
Abdominal Tenderness	R1081grp	5	456	268	217	1.23	11.34	0.01
Other Specified Disorders Of Brain	G9389grp	5	1,247	678	594	1.14	11.31	0.01
Other Hypotension	I9589grp	5	335	203	160	1.27	11.31	0.01
Bacterial Foodborne Intoxicatn Uns	A059ngrp	5	115	80	55	1.46	11.30	0.01
Bacterial Foodborne Intoxicatn Uns	A059grp	4	115	80	55	1.46	11.30	0.01
Umbilical Hernia	K42grp	3	2,647	1,383	1,261	1.1	11.25	0.0103
Encephalopathy Unspecified	G9340grp	5	825	461	393	1.17	11.22	0.0105
Aphagia And Dysphagia	R13grp	3	6,078	3,079	2,896	1.06	11.10	0.0129
Other bacterial foodborne intoxications, not elsewhere classified	A05grp	3	119	82	57	1.45	10.98	0.0142
Unspecified fall	W19Xgrp	4	5,146	2,619	2,452	1.07	10.92	0.0144
Unspecified fall	W19XXgrp	5	5,146	2,619	2,452	1.07	10.92	0.0144
Unspecified Fall	W19grp	3	5,146	2,619	2,452	1.07	10.92	0.0144
Unspecified Intestinal Obstruction	K5660grp	5	381	227	182	1.25	10.91	0.0145
Rotator cuff tear or rupture, not specified as traumatic	M751grp	4	1,979	1,046	943	1.11	10.78	0.0153
Hydronephrosis with renal and ureteral calculous obstruction	N132grp	4	931	514	444	1.16	10.68	0.0175
Hydronephrosis with renal and ureteral calculous obstruction	N132ngrp	5	931	514	444	1.16	10.68	0.0175
Acute Cystitis With Hematuria	N3001grp	5	1,978	1,045	942	1.11	10.67	0.0175
Second Degree Hemorrhoids	K641grp	4	1,209	656	576	1.14	10.61	0.0182
Second Degree Hemorrhoids	K641ngrp	5	1,209	656	576	1.14	10.61	0.0182
Optic Atrophy	H472grp	4	654	370	312	1.19	10.46	0.0215
Nonrheumatic Mitral Valve Disorders	I34grp	3	7,186	3,617	3,424	1.06	10.46	0.0215
Other bacterial intestinal infections	A04grp	3	923	509	440	1.16	10.41	0.0224
UTI site Not Specified	N390grp	4	12,074	6,002	5,752	1.04	10.40	0.023
UTI site Not Specified	N390ngrp	5	12,074	6,002	5,752	1.04	10.40	0.023
Other spondylosis with radiculopathy	M472grp	4	2,721	1,415	1,296	1.09	10.37	0.0278

Table 2g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Other Inflammatory Spondylopathies	M46grp	3	4,301	2,198	2,049	1.07	10.34	0.0282
Cervical Disc Disorders	M50grp	3	6,212	3,138	2,959	1.06	10.30	0.0294
Keratitis	H16grp	3	3,926	2,012	1,870	1.08	10.24	0.03
Hematuria Unspecified	R319grp	4	3,795	1,947	1,808	1.08	10.21	0.0302
Hematuria Unspecified	R319ngrp	5	3,795	1,947	1,808	1.08	10.21	0.0302
Hallux Rigidus	M202grp	4	617	350	294	1.19	10.21	0.0302
Acute Cystitis	N300grp	4	5,505	2,790	2,623	1.06	10.21	0.0302
Spondylolisthesis Lumbar Region	M4316grp	5	3,234	1,669	1,541	1.08	10.20	0.0302
Pressure Ulcer	L89grp	3	1,348	725	642	1.13	10.19	0.0306
Acute Gastritis Without Bleeding	K2900grp	5	812	451	387	1.17	10.15	0.0312
Segmental And Somatic Dysfunction	M990grp	4	7,151	3,597	3,407	1.06	10.15	0.0312
Fracture Of Lumbar Spine And Pelvis	S32grp	3	857	474	408	1.16	10.09	0.0321
Volume Depletion Unspecified	E869ngrp	5	591	336	282	1.19	10.05	0.0354
Volume Depletion Unspecified	E869grp	4	591	336	282	1.19	10.05	0.0354
Complications and ill-defined descriptions of heart disease	I51grp	3	10,819	5,386	5,154	1.05	9.98	0.0365
Solitary Pulmonary Nodule	R911grp	4	2,939	1,521	1,400	1.09	9.95	0.0371
Solitary Pulmonary Nodule	R911ngrp	5	2,939	1,521	1,400	1.09	9.95	0.0371
Other Fecal Abnormalities	R195ngrp	5	2,017	1,061	961	1.1	9.95	0.0372
Other Fecal Abnormalities	R195grp	4	2,017	1,061	961	1.1	9.95	0.0372
Umbilical hernia without obstruction or gangrene	K429ngrp	5	2,544	1,324	1,212	1.09	9.88	0.0403
Umbilical hernia without obstruction or gangrene	K429grp	4	2,544	1,324	1,212	1.09	9.88	0.0403
Drusen Degenerative Of Macula	H3536grp	5	1,599	850	762	1.12	9.75	0.0438
Fracture Of Lumbar Vertebra	S320grp	4	612	346	292	1.19	9.70	0.0445
Retention Of Urine Unspecified	R339grp	4	2,028	1,065	966	1.1	9.65	0.0467
Retention Of Urine Unspecified	R339ngrp	5	2,028	1,065	966	1.1	9.65	0.0467

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
Nausea And Vomiting	R11grp	3	25,424	2 to 41	7,010	5443.42	1.41	207.304	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	13,714	2 to 26	2,598	1824.24	1.53	145.040	0.0001
Nausea With Vomiting Unspecified	R112grp	4	13,714	2 to 26	2,598	1824.24	1.53	145.040	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	2,467	1 to 19	528	245.12	2.47	122.307	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	3,823	1 to 17	634	339.36	2.05	101.635	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	1,143	1 to 19	295	113.57	3.16	100.178	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	1,896	1 to 19	378	188.39	2.26	73.638	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	1,896	1 to 19	378	188.39	2.26	73.638	0.0001
Abdominal And Pelvic Pain	R10grp	3	25,716	4 to 51	7,559	6663.18	1.19	57.963	0.0001
Diarrhea Unspecified	R197grp	4	11,301	3 to 64	4,443	3771.72	1.30	56.631	0.0001
Diarrhea Unspecified	R197ngrp	5	11,301	3 to 64	4,443	3771.72	1.30	56.631	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	3,815	2 to 22	660	426.64	1.66	54.616	0.0001
Volume Depletion	E86grp	3	18,801	4 to 45	4,910	4258.42	1.21	47.630	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	12,995	5 to 64	4,839	4209.83	1.24	44.969	0.0001
Nausea	R110ngrp	5	7,736	1 to 61	3,001	2517.68	1.32	43.758	0.0001
Nausea	R110grp	4	7,736	1 to 61	3,001	2517.68	1.32	43.758	0.0001
Dehydration	E860grp	4	14,940	1 to 45	4,160	3586.18	1.22	43.750	0.0001
Dehydration	E860ngrp	5	14,940	1 to 45	4,160	3586.18	1.22	43.750	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	1,181	1 to 15	195	91.98	2.34	43.511	0.0001
Vomiting	R111grp	4	3,974	2 to 23	658	465.88	1.50	35.085	0.0001

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Vomiting Unspecified	R1110grp	5	3,586	2 to 23	601	420.39	1.52	34.204	0.0001
Pain In Throat And Chest	R07grp	3	26,900	1 to 8	1,315	1070.32	1.25	26.072	0.0001
Pleural effusion, not elsewhere classified	J90nnggrp	5	7,224	127 to 183	2,676	2335.44	1.23	23.745	0.0001
Pleural effusion, not elsewhere classified	J90nggrp	4	7,224	127 to 183	2,676	2335.44	1.23	23.745	0.0001
Pleural effusion, not elsewhere classified	J90grp	3	7,224	127 to 183	2,676	2335.44	1.23	23.745	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	8,147	9 to 67	2,942	2590.37	1.21	22.896	0.0001
Unspecified Abdominal Pain	R109grp	4	8,785	1 to 52	2,781	2439.74	1.21	22.866	0.0001
Unspecified Abdominal Pain	R109nggrp	5	8,785	1 to 52	2,781	2439.74	1.21	22.866	0.0001
Other functional intestinal disorders	K59grp	3	11,581	10 to 79	4,823	4373.51	1.18	22.414	0.0001
Acute Kidney Failure Unspecified	N179grp	4	19,994	3 to 43	4,864	4413.48	1.14	22.319	0.0001
Acute Kidney Failure Unspecified	N179nggrp	5	19,994	3 to 43	4,864	4413.48	1.14	22.319	0.0001
Constipation	K590grp	4	11,064	10 to 79	4,600	4178.27	1.17	20.662	0.0001
Acute Kidney Failure	N17grp	3	22,019	1 to 43	5,510	5050.92	1.12	20.331	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529nggrp	5	7,249	9 to 67	2,610	2304.85	1.21	19.395	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	7,249	9 to 67	2,610	2304.85	1.21	19.395	0.0001
Pain Localized To Upper Abdomen	R101grp	4	6,454	1 to 40	1,606	1371.89	1.23	18.946	0.0001
Other forms of acute ischemic heart disease	I2489grp	5	343	124 to 183	189	116.54	2.39	18.923	0.0001
Other Abdominal Pain	R108grp	4	3,655	6 to 20	411	298.74	1.42	18.860	0.0001
Type 2 Diabetes Mellitus	E11grp	3	3,097	1 to 20	442	325.26	1.42	18.819	0.0001
Constipation Unspecified	K5900grp	5	9,618	10 to 48	2,306	2027.41	1.18	18.346	0.0003
Unspecified severe protein-calorie malnutrition	E43grp	3	1,286	133 to 183	497	374.04	1.54	18.305	0.0003
Unspecified severe protein-calorie malnutrition	E43nggrp	4	1,286	133 to 183	497	374.04	1.54	18.305	0.0003
Unspecified severe protein-calorie malnutrition	E43nnggrp	5	1,286	133 to 183	497	374.04	1.54	18.305	0.0003
Generalized Abdominal Pain	R1084grp	5	3,059	6 to 20	348	250.03	1.44	17.090	0.0009
Other specified diabetes mellitus with ketoacidosis	E131grp	4	324	1 to 13	54	21.65	2.79	17.012	0.0009
Other specified diabetes mellitus with ketoacidosis without coma	E1310grp	5	315	1 to 12	49	19.3	2.82	15.959	0.0022
Acidosis	E872nggrp	5	3,084	1 to 64	1,244	1055.96	1.30	15.841	0.0024
Fatty (change of) liver, not elsewhere classified	K760nggrp	5	6,119	1 to 38	1,436	1233.37	1.22	15.816	0.0026
Fatty (change of) liver, not elsewhere classified	K760grp	4	6,119	1 to 38	1,436	1233.37	1.22	15.816	0.0026
Dizziness And Giddiness	R42nggrp	4	13,058	1 to 63	4,776	4401.23	1.14	15.569	0.0031

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Dizziness And Giddiness	R42grp	3	13,058	1 to 63	4,776	4401.23	1.14	15.569	0.0031
Dizziness And Giddiness	R42nnggrp	5	13,058	1 to 63	4,776	4401.23	1.14	15.569	0.0031
Unspecified adverse effect of drug or medicament	T887grp	4	262	1 to 25	72	34.55	2.50	15.421	0.0033
Unspecified adverse effect of drug or medicament	T887Xgrp	5	262	1 to 25	72	34.55	2.50	15.421	0.0033
Other Chest Pain	R078grp	4	11,715	1 to 37	2,569	2301.09	1.15	15.049	0.0046
Pain localized to other parts of lower abdomen	R103grp	4	5,579	10 to 54	1,563	1357.69	1.21	14.810	0.006
Headache	R51grp	3	12,474	1 to 7	542	427.4	1.28	14.155	0.0126
Pulmonary Edema	J81grp	3	4,904	117 to 183	2,086	1853.16	1.22	14.069	0.0139
Cardiac Arrest	I46grp	3	508	146 to 183	171	111.27	1.81	13.752	0.0204
Chest Pain Unspecified	R079grp	4	13,399	1 to 16	1,296	1116.44	1.18	13.734	0.0208
Chest Pain Unspecified	R079nnggrp	5	13,399	1 to 16	1,296	1116.44	1.18	13.734	0.0208
Epigastric Pain	R1013grp	5	3,034	1 to 40	782	644.92	1.29	13.640	0.0231
Cough	R05nnggrp	4	2,773	3 to 40	692	565.46	1.30	13.213	0.0386
Cough	R05nnggrp	5	2,773	3 to 40	692	565.46	1.30	13.213	0.0386
Other Chest Pain	R0789grp	5	10,553	1 to 37	2,309	2072.84	1.15	12.988	0.0497
Inpatient, Emergency Department, or Outpatient Setting									
Nausea And Vomiting	R11grp	3	74,935	3 to 64	30,167	25468.62	1.31	410.36	0.0001
Nausea	R110grp	4	35,839	18 to 64	11,626	9270.16	1.38	277.15	0.0001
Nausea	R110nnggrp	5	35,839	18 to 64	11,626	9270.16	1.38	277.15	0.0001
Type 2 Diabetes Mellitus	E11grp	3	25,991	1 to 43	7,880	6162.78	1.40	219.87	0.0001
Overweight And Obesity	E66grp	3	87,427	24 to 42	11,165	9295.37	1.23	176.78	0.0001
Constipation	K590grp	4	52,694	26 to 98	23,924	21250.49	1.23	162.00	0.0001
Other functional intestinal disorders	K59grp	3	54,901	26 to 98	24,858	22140.53	1.23	160.81	0.0001
Nausea With Vomiting Unspecified	R112grp	4	29,668	2 to 48	9,213	7603.41	1.31	159.64	0.0001
Nausea With Vomiting Unspecified	R112nnggrp	5	29,668	2 to 48	9,213	7603.41	1.31	159.64	0.0001
Age-Related Cataract	H25grp	3	67,964	1 to 22	9,814	8170.41	1.24	155.40	0.0001
Fatty (change of) liver, not elsewhere classified	K760nnggrp	5	32,450	1 to 30	6,667	5346.07	1.31	151.31	0.0001
Fatty (change of) liver, not elsewhere classified	K760grp	4	32,450	1 to 30	6,667	5346.07	1.31	151.31	0.0001
Mammographic density found on imaging of breast	R923grp	4	3,318	122 to 183	1,745	1121.46	2.17	147.99	0.0001
Vitamin D Deficiency Unspecified	E559grp	4	52,013	81 to 100	7,319	5961.36	1.27	144.16	0.0001
Vitamin D Deficiency Unspecified	E559nnggrp	5	52,013	81 to 100	7,319	5961.36	1.27	144.16	0.0001

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Vitamin D Deficiency	E55grp	3	52,045	81 to 100	7,322	5965.03	1.27	143.94	0.0001
Other Diseases Of Liver	K76grp	3	41,270	1 to 26	7,092	5762.66	1.28	142.85	0.0001
Metabolic syndrome and other insulin resistance	E8881grp	5	10,563	23 to 43	1,836	1234.77	1.59	127.14	0.0001
Type 2 DM Without Complications	E119grp	4	18,633	1 to 46	5,801	4674.72	1.35	126.01	0.0001
Type 2 DM Without Complications	E119ngrp	5	18,633	1 to 46	5,801	4674.72	1.35	126.01	0.0001
Disorders of lipoprotein metabolism and other lipidemias	E78grp	3	55,932	81 to 100	7,722	6410.53	1.24	125.95	0.0001
Disorders Refraction Accommodation	H52grp	3	74,398	1 to 23	10,856	9304.01	1.20	122.95	0.0001
Other Specified Metabolic Disorders	E888grp	4	11,088	22 to 43	1,972	1360.18	1.55	120.66	0.0001
Obesity Unspecified	E669ngrp	5	43,112	24 to 43	5,947	4830.91	1.27	120.09	0.0001
Obesity Unspecified	E669grp	4	43,112	24 to 43	5,947	4830.91	1.27	120.09	0.0001
Constipation Unspecified	K5900grp	5	37,006	25 to 98	16,967	15100.22	1.23	111.13	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	6,958	2 to 51	2,570	1904.18	1.56	104.83	0.0001
Age-Related Nuclear Cataract	H251grp	4	41,429	1 to 29	7,730	6619.34	1.21	88.44	0.0001
Other and unspecified metabolic disorders	E88grp	3	14,859	20 to 43	2,647	2020.75	1.38	88.36	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	8,978	2 to 46	2,846	2202.55	1.43	86.00	0
Mammographic fibroglandular density of breast	R9232grp	5	1,736	122 to 183	923	586.76	2.22	81.90	0.0001
Abdominal And Pelvic Pain	R10grp	3	91,682	17 to 54	20,715	18937.52	1.12	81.13	0.0001
Type 2 diabetes mellitus with other specified complications	E116grp	4	4,096	1 to 36	1,204	814.99	1.68	80.84	0.0001
Age-related nuclear cataract, bilateral	H2513grp	5	37,292	1 to 35	8,287	7199.89	1.20	78.30	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	2,865	2 to 19	503	273.78	2.02	76.74	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	2,865	2 to 19	503	273.78	2.02	76.74	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	1,795	1 to 19	372	181.51	2.32	76.46	0.0001
Other Nonscarring Hair Loss	L65grp	3	7,144	137 to 183	2,386	1845.59	1.44	72.38	0.0001
Diarrhea Unspecified	R197ngrp	5	38,892	24 to 75	12,201	10923.61	1.17	72.04	0.0001
Diarrhea Unspecified	R197grp	4	38,892	24 to 75	12,201	10923.61	1.17	72.04	0.0001

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Osteoarthritis Of Knee	M17grp	3	38,736	1 to 17	4,256	3540.41	1.23	67.92	0.0001
Obesity Due To Excess Calories	E660grp	4	31,915	20 to 99	15,518	14124.73	1.19	66.69	0.0001
Type 2 diabetes mellitus with hyperglycemia	E1165grp	5	2,773	1 to 37	854	564.86	1.74	63.87	0.0001
Gastro-Esophageal Reflux Disease	K21grp	3	81,213	41 to 99	28,298	26447.48	1.11	63.50	0.0001
Nonscarring Hair Loss Unspecified	L659ngrp	5	5,576	137 to 183	1,888	1440.51	1.47	63.27	0.0001
Nonscarring Hair Loss Unspecified	L659grp	4	5,576	137 to 183	1,888	1440.51	1.47	63.27	0.0001
Hepatomegaly and splenomegaly, not elsewhere classified	R16grp	3	12,376	1 to 27	2,302	1806.8	1.34	62.41	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	58,192	18 to 89	24,469	22769.38	1.13	62.10	0.0001
Abnormal Weight Gain	R635grp	4	8,815	21 to 36	1,142	807.91	1.48	61.15	0.0001
Abnormal Weight Gain	R635ngrp	5	8,815	21 to 36	1,142	807.91	1.48	61.15	0.0001
Hyperlipidemia Unspecified	E785ngrp	5	30,390	81 to 100	4,142	3483.08	1.22	58.76	0.0001
Hyperlipidemia Unspecified	E785grp	4	30,390	81 to 100	4,142	3483.08	1.22	58.76	0.0001
Hepatomegaly, not elsewhere classified	R160ngrp	5	7,670	1 to 25	1,398	1031.39	1.44	58.58	0.0001
Hepatomegaly, not elsewhere classified	R160grp	4	7,670	1 to 25	1,398	1031.39	1.44	58.58	0.0001
Gerd Without Esophagitis	K219grp	4	74,645	41 to 99	26,002	24308.57	1.11	57.85	0.0001
Gerd Without Esophagitis	K219ngrp	5	74,645	41 to 99	26,002	24308.57	1.11	57.85	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	5,007	2 to 56	1,941	1506.45	1.47	57.40	0.0001
Other disorders of bone density and structure	M85grp	3	28,563	1 to 22	4,079	3433.75	1.22	57.18	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	5,450	2 to 19	783	520.81	1.59	57.08	0.0001
Spondylosis	M47grp	3	53,156	1 to 24	7,800	6894.54	1.16	57.07	0.0001
Proteinuria Unspecified	R809ngrp	5	14,659	84 to 105	2,324	1850.35	1.30	56.04	0.0001
Proteinuria Unspecified	R809grp	4	14,659	84 to 105	2,324	1850.35	1.30	56.04	0.0001
Proteinuria	R80grp	3	16,747	82 to 105	2,824	2301.62	1.27	55.26	0.0001
Mixed Hyperlipidemia	E782grp	4	13,690	81 to 100	2,003	1569.05	1.32	55.15	0.0001
Mixed Hyperlipidemia	E782ngrp	5	13,690	81 to 100	2,003	1569.05	1.32	55.15	0.0001
Unilateral primary osteoarthritis of knee	M171grp	4	26,581	1 to 17	2,964	2429.46	1.25	54.93	0.0001
Other specified disorders of bone density and structure	M858grp	4	27,128	1 to 22	3,873	3261.24	1.22	54.12	0.0001

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other Spondylosis	M478grp	4	43,139	1 to 24	6,387	5595.3	1.17	53.58	0.0001
Abnormalities Of Breathing	R06grp	3	77,290	1 to 34	15,572	14360.16	1.11	49.85	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	2,679	3 to 52	1,019	732.69	1.63	49.82	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	2,679	3 to 52	1,019	732.69	1.63	49.82	0.0001
Glaucoma	H40grp	3	28,040	1 to 36	6,328	5579.17	1.17	48.18	0.0001
Glaucoma Suspect	H400grp	4	23,234	1 to 36	5,306	4622.91	1.19	48.18	0.0001
Spondylosis without myelopathy or radiculopathy	M4781grp	5	38,409	1 to 24	5,690	4981.8	1.17	48.14	0.0001
Acquired Deformities Fingers & Toes	M20grp	3	18,737	1 to 15	1,933	1535.4	1.29	47.55	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928grp	4	11,909	1 to 44	3,417	2880.55	1.26	47.13	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928ngrp	5	11,909	1 to 44	3,417	2880.55	1.26	47.13	0.0001
Abnormal Results Function Studies	R94grp	3	62,520	1 to 46	16,915	15685.28	1.11	47.09	0.0001
Drug Induced Constipation	K5903grp	5	3,641	26 to 98	1,852	1468.35	1.53	46.26	0.0001
Morbid (severe) obesity due to excess calories	E6601grp	5	25,780	19 to 105	13,448	12371.74	1.18	45.59	0.0001
Ckd Stage 3 Moderate	N183grp	4	16,455	85 to 105	2,393	1959.41	1.26	44.79	0.0001
Pleural effusion, not elsewhere classified	J90ngrp	4	10,264	127 to 180	3,508	2977.98	1.27	44.61	0.0001
Pleural effusion, not elsewhere classified	J90grp	3	10,264	127 to 180	3,508	2977.98	1.27	44.61	0.0001
Pleural effusion, not elsewhere classified	J90nnggrp	5	10,264	127 to 180	3,508	2977.98	1.27	44.61	0.0001
Hypercalcemia	E8352grp	5	8,182	83 to 103	1,283	975.06	1.38	44.20	0.0001
Hypermetropia	H520grp	4	14,187	1 to 30	2,803	2337.28	1.25	43.61	0.0001
Vomiting Unspecified	R1110grp	5	8,163	2 to 48	2,532	2092.04	1.31	43.33	0.0001
Acute Cough	R051grp	4	15,110	107 to 183	7,074	6320.47	1.22	43.27	0.0001
Acute Cough	R051ngrp	5	15,110	107 to 183	7,074	6320.47	1.22	43.27	0.0001
Volume Depletion	E86grp	3	25,710	3 to 55	8,235	7433.93	1.16	41.73	0.0001
Symptoms and signs concerning food and fluid intake	R63grp	3	28,551	24 to 98	12,785	11782.84	1.15	41.52	0.0001
Unilateral primary osteoarthritis, left knee	M1712grp	5	13,185	1 to 23	2,032	1648.88	1.28	41.42	0.0001
Vomiting	R111grp	4	9,428	2 to 48	2,877	2416.24	1.27	41.39	0.0001
Age-Related Incipient Cataract	H250grp	4	7,661	1 to 22	1,209	920.98	1.37	40.97	0.0001
Supraventricular Tachycardia Uns	I4710grp	5	956	128 to 183	459	291.43	2.11	40.93	0.0001
Disorders Of Calcium Metabolism	E835grp	4	10,950	83 to 103	1,645	1304.92	1.31	40.91	0.0001

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Dehydration	E860grp	4	21,090	3 to 33	4,120	3570.65	1.19	40.26	0.0001
Dehydration	E860ngrp	5	21,090	3 to 33	4,120	3570.65	1.19	40.26	0.0001
Chronic Kidney Disease	N18grp	3	31,394	83 to 105	4,739	4156.17	1.17	39.10	0.0001
Other specified disorders of bone density and structure,	M8585grp	5	6,179	1 to 22	996	742.82	1.41	38.94	0.0001
Cough, Unspecified	R059grp	4	33,611	122 to 181	11,820	10890.52	1.13	38.64	0.0001
Cough, Unspecified	R059ngrp	5	33,611	122 to 181	11,820	10890.52	1.13	38.64	0.0001
Abnormal and inconclusive findings on diagnostic imaging of breast	R92grp	3	27,416	1 to 30	5,120	4516.73	1.16	38.63	0.0001
Dyspnea	R060grp	4	59,932	1 to 17	6,139	5477.69	1.14	38.43	0.0001
Snoring	R0683grp	5	7,977	1 to 50	2,607	2189.88	1.28	37.43	0.0001
Other Hypothyroidism	E03grp	3	20,925	79 to 98	2,801	2367.9	1.21	37.40	0.0001
Pain In Throat And Chest	R07grp	3	74,677	1 to 26	11,317	10427.38	1.10	36.96	0.0001
Prediabetes	R7303grp	5	11,226	24 to 35	1,013	763.49	1.36	36.94	0.0001
Male Erectile Dysfunction	N52grp	3	14,934	80 to 99	2,075	1707.76	1.25	36.93	0.0001
Other Abnormalities Of Breathing	R068grp	4	10,749	1 to 44	3,050	2599.97	1.24	36.89	0.0001
Cough	R05grp	3	74,944	128 to 180	22,560	21307.29	1.08	36.23	0.0001
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	3,560	3 to 52	1,251	973.63	1.44	36.22	0.0001
Hypertension secondary to endocrine disorders	I152ngrp	5	5,427	85 to 115	1,203	931.54	1.37	36.19	0.0001
Hypertension secondary to endocrine disorders	I152grp	4	5,427	85 to 115	1,203	931.54	1.37	36.19	0.0001
Influenza due to other identified influenza virus	J10grp	3	6,633	135 to 180	1,994	1638.16	1.31	36.13	0.0001
Essential Primary Hypertension	I10grp	3	42,270	79 to 99	5,647	5034.38	1.14	35.87	0.0001
Essential Primary Hypertension	I10ngrp	4	42,270	79 to 99	5,647	5034.38	1.14	35.87	0.0001
Essential Primary Hypertension	I10nngrp	5	42,270	79 to 99	5,647	5034.38	1.14	35.87	0.0001
Other Age-Related Cataract	H258grp	4	17,832	1 to 22	2,546	2143.71	1.22	35.60	0.0001
Angina Pectoris	I20grp	3	12,383	1 to 36	2,892	2463.87	1.23	35.22	0.0001
Sleep Apnea	G473grp	4	36,137	1 to 42	9,139	8361.34	1.13	35.13	0.0001
Combine Forms Age-Relate Cataract	H2581grp	5	17,483	1 to 22	2,496	2101.75	1.22	34.87	0.0001
Nonrheumatic Mitral Valve Disorders	I34grp	3	20,000	1 to 22	2,825	2404.34	1.20	34.84	0.0001
Hypothyroidism Unspecified	E039ngrp	5	18,369	77 to 98	2,724	2311.58	1.21	34.79	0.0001
Hypothyroidism Unspecified	E039grp	4	18,369	77 to 98	2,724	2311.58	1.21	34.79	0.0001

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Presbyopia	H524ngrp	5	21,565	1 to 15	2,128	1767.14	1.23	34.57	0.0001
Presbyopia	H524grp	4	21,565	1 to 15	2,128	1767.14	1.23	34.57	0.0001
Nonrheumatic Mitral Insufficiency	I340grp	4	15,185	1 to 22	2,191	1825.49	1.23	34.38	0.0001
Nonrheumatic Mitral Insufficiency	I340ngrp	5	15,185	1 to 22	2,191	1825.49	1.23	34.38	0.0001
Cough	R05nnggrp	5	18,295	9 to 82	8,037	7318.87	1.18	34.17	0.0001
Cough	R05ngrp	4	18,295	9 to 82	8,037	7318.87	1.18	34.17	0.0001
Inconclusive Mammogram	R922ngrp	5	6,230	1 to 25	1,088	837.75	1.36	34.13	0.0001
Inconclusive Mammogram	R922grp	4	6,230	1 to 25	1,088	837.75	1.36	34.13	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101ngrp	5	5,873	127 to 180	2,055	1703.98	1.32	33.91	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	5,873	127 to 180	2,055	1703.98	1.32	33.91	0.0001
Abnormal results of cardiovascular function studies	R943grp	4	46,550	1 to 45	12,359	11466.76	1.11	33.90	0.0001
Disorders Of Mineral Metabolism	E83grp	3	26,608	78 to 103	4,345	3827.54	1.16	33.52	0.0001
Other Forms Of Angina Pectoris	I2089grp	5	649	120 to 183	360	226.31	2.33	33.42	0.0001
Other Nontoxic Goiter	E04grp	3	14,542	1 to 14	1,389	1107.62	1.28	33.05	0.0001
Covid-19	U071ngrp	5	50,482	128 to 180	15,334	14352.51	1.10	32.88	0.0001
Covid-19	U071grp	4	50,482	128 to 180	15,334	14352.51	1.10	32.88	0.0001
Emergency Use Of U07	U07grp	3	50,534	128 to 180	15,348	14367.29	1.10	32.80	0.0001
Deficiency Other B Group Vitamins	E53grp	3	22,234	81 to 100	2,966	2548.3	1.19	32.51	0.0001
Abnormal Weight Loss	R634grp	4	11,726	55 to 127	5,273	4711.93	1.22	32.17	0.0001
Abnormal Weight Loss	R634ngrp	5	11,726	55 to 127	5,273	4711.93	1.22	32.17	0.0001
Other Anxiety Disorders	F41grp	3	53,547	88 to 177	27,652	26355.47	1.10	31.49	0.0001
Other Retinal Disorders	H35grp	3	37,264	1 to 22	5,020	4479.76	1.14	31.36	0.0001
Male Erectile Dysfunction Uns	N529ngrp	5	10,679	80 to 99	1,508	1221.18	1.27	31.32	0.0001
Male Erectile Dysfunction Uns	N529grp	4	10,679	80 to 99	1,508	1221.18	1.27	31.32	0.0001
Mammographic heterogeneous density of breast	R9233grp	5	643	134 to 183	290	175.69	2.19	31.03	0.0001
Dense Breasts Unspecified	R9230grp	5	491	123 to 183	274	163.69	2.52	30.84	0.0001
Other Abdominal Pain	R108grp	4	11,233	4 to 54	3,578	3129.33	1.21	30.74	0.0001
Other Hammer Toes Acquired	M204grp	4	9,375	1 to 15	995	768.23	1.33	30.59	0.0001
Other obesity due to excess calories	E6609grp	5	6,135	23 to 43	936	717.15	1.36	30.44	0.0001

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Pain Localized To Upper Abdomen	R101grp	4	24,296	18 to 71	7,859	7188.41	1.14	30.38	0.0001
Abnormal Glucose	R730grp	4	21,907	24 to 32	1,345	1079.36	1.26	30.30	0.0001
Tinea Unguium	B351grp	4	24,681	1 to 29	4,437	3943.42	1.15	29.69	0.0001
Tinea Unguium	B351ngrp	5	24,681	1 to 29	4,437	3943.42	1.15	29.69	0.0001
Deficiency Spec B Group Vitamins	E538grp	4	20,382	81 to 100	2,717	2336.04	1.19	29.51	0.0001
Deficiency Spec B Group Vitamins	E538ngrp	5	20,382	81 to 100	2,717	2336.04	1.19	29.51	0.0001
Hypermetropia Bilateral	H5203grp	5	11,612	1 to 36	2,688	2310.46	1.21	29.30	0.0001
Plantar Fascial Fibromatosis	M722grp	4	11,877	1 to 19	1,474	1200.97	1.26	28.92	0.0001
Plantar Fascial Fibromatosis	M722ngrp	5	11,877	1 to 19	1,474	1200.97	1.26	28.92	0.0001
Seborrheic Keratosis	L82grp	3	52,693	1 to 15	4,825	4317.91	1.13	28.69	0.0001
Acute Up Respiratory Infection Uns	J069grp	4	47,157	135 to 179	12,209	11397.39	1.10	28.28	0.0001
Acute Up Respiratory Infection Uns	J069ngrp	5	47,157	135 to 179	12,209	11397.39	1.10	28.28	0.0001
Disorders Of Lacrimal System	H04grp	3	36,373	1 to 22	4,879	4372.64	1.13	28.26	0.0001
Astigmatism	H522grp	4	19,794	1 to 8	1,091	861.39	1.28	28.20	0.0001
Dry Eye Syndrome	H0412grp	5	34,726	1 to 24	5,015	4504.1	1.13	27.96	0.0001
Enthesopathies, lower limb, excluding foot	M76grp	3	14,205	1 to 16	1,504	1232.47	1.25	27.93	0.0001
Acute upper respiratory infections of multiple and unspecified sites	J06grp	3	47,589	135 to 179	12,311	11501.8	1.10	27.86	0.0001
Generalized Abdominal Pain	R1084grp	5	9,599	4 to 54	3,068	2674.12	1.22	27.69	0.0001
Other Disorders Of Lacrimal Gland	H041grp	4	34,788	1 to 24	5,021	4512.14	1.13	27.69	0.0001
Cyst Of Kidney Acquired	N281ngrp	5	16,844	1 to 13	1,423	1161.19	1.25	27.52	0.0001
Cyst Of Kidney Acquired	N281grp	4	16,844	1 to 13	1,423	1161.19	1.25	27.52	0.0001
Disorders Of Vitreous Body	H43grp	3	38,002	1 to 19	4,311	3842.67	1.14	27.46	0.0001
Diverticular Disease Of Intestine	K57grp	3	50,773	31 to 79	14,293	13433.99	1.09	26.94	0.0001
Obstructive Sleep Apnea	G4733grp	5	26,657	7 to 58	8,287	7637.09	1.12	26.93	0.0001
Other Disorders Of Veins	L87grp	3	18,331	4 to 24	2,452	2107.47	1.19	26.75	0.0001
Myopia Bilateral	H5213grp	5	12,609	1 to 23	1,876	1576.85	1.22	26.74	0.0001
Other Melanin Hyperpigmentation	L814ngrp	5	29,786	1 to 7	1,373	1119.6	1.24	26.73	0.0001
Other Melanin Hyperpigmentation	L814grp	4	29,786	1 to 7	1,373	1119.6	1.24	26.73	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	20,683	9 to 82	8,947	8274.18	1.14	26.67	0.0001
Complications and ill-defined descriptions of heart disease	I51grp	3	30,167	3 to 18	2,970	2590.51	1.16	26.54	0.0001

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Myopia	H521grp	4	14,852	1 to 23	2,180	1857.35	1.20	26.54	0.0001
Other disorders of kidney and ureter, not elsewhere	N28grp	3	32,629	2 to 18	3,357	2952.91	1.15	26.48	0.0001
Open angle with borderline findings, low risk	H4001grp	5	10,246	1 to 14	991	780.41	1.30	26.16	0.0001
Elevated Blood Glucose Level	R73grp	3	33,092	27 to 33	1,589	1318.91	1.22	25.95	0.0001
Other Forms Of Angina Pectoris	I208ngrp	5	3,723	1 to 59	1,454	1196.56	1.35	25.90	0.0001
Primary Insomnia	F5101grp	5	6,552	80 to 99	954	749.25	1.32	25.73	0.0001
Secondary Hypertension	I15grp	3	7,964	84 to 115	1,703	1423.95	1.25	25.72	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921grp	4	5,152	1 to 30	1,065	848.78	1.32	25.46	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921ngrp	5	5,152	1 to 30	1,065	848.78	1.32	25.46	0.0001
Hypersomnia	G471grp	4	3,675	1 to 66	1,587	1320.21	1.36	25.31	0.0001
Other Hypertrophic Disorders Skin	L918grp	4	11,058	1 to 27	1,908	1614.38	1.22	25.22	0.0001
Other Hypertrophic Disorders Skin	L918ngrp	5	11,058	1 to 27	1,908	1614.38	1.22	25.22	0.0001
Depression Unspecified	F32Agrp	4	20,576	119 to 183	7,936	7320.75	1.14	25.18	0.0001
Depression Unspecified	F32Angrp	5	20,576	119 to 183	7,936	7320.75	1.14	25.18	0.0001
Unspecified Abdominal Pain	R109ngrp	5	29,593	16 to 64	8,574	7934.33	1.11	25.15	0.0001
Unspecified Abdominal Pain	R109grp	4	29,593	16 to 64	8,574	7934.33	1.11	25.15	0.0001
Abnormal result of other cardiovascular function study	R9439grp	5	5,723	1 to 66	2,384	2055.93	1.27	24.89	0.0001
Chronic Kidney Disease Stage 3a	N1831grp	5	6,229	85 to 105	942	741.73	1.32	24.89	0.0001
Unspecified severe protein-calorie malnutrition	E43grp	3	1,467	133 to 181	538	390.58	1.60	24.86	0.0001
Unspecified severe protein-calorie malnutrition	E43ngrp	4	1,467	133 to 181	538	390.58	1.60	24.86	0.0001
Unspecified severe protein-calorie malnutrition	E43nngp	5	1,467	133 to 181	538	390.58	1.60	24.86	0.0001
Other hammer toe(s) (acquired), left foot	M2042grp	5	6,134	3 to 22	866	674.94	1.33	24.80	0.0001
Unilateral primary osteoarthritis, right knee	M1711grp	5	12,474	1 to 7	627	468.87	1.36	24.09	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	22,023	3 to 23	2,886	2529.86	1.16	23.98	0.0001
Fibroblastic Disorders	M72grp	3	14,067	1 to 19	1,690	1422.42	1.21	23.73	0.0001
Nonrheumatic tricuspid valve disorders	I36grp	3	10,308	1 to 19	1,271	1042.32	1.25	23.43	0.0001
Dermatophytosis	B35grp	3	36,092	1 to 29	6,293	5766.62	1.11	23.34	0.0001
Other specified disorders of bone density and structure, other site	M8588grp	5	4,969	1 to 11	409	286.3	1.47	23.18	0.0001

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Fever Of Other And Unknown Origin	R50grp	3	26,660	128 to 180	8,178	7579.69	1.11	23.04	0.0001
Pressure Ulcer	L89grp	3	5,077	145 to 182	1,296	1066.83	1.29	23.02	0.0001
Unspecified Eustachian tube disorder	H699grp	4	3,116	97 to 182	1,731	1464.04	1.41	22.99	0.0001
Fever Unspecified	R509ngrp	5	25,500	115 to 180	9,717	9064.86	1.12	22.94	0.0001
Fever Unspecified	R509grp	4	25,500	115 to 180	9,717	9064.86	1.12	22.94	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	17,751	16 to 82	6,969	6419.13	1.14	22.93	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	17,751	16 to 82	6,969	6419.13	1.14	22.93	0.0001
Testicular Dysfunction	E29grp	3	7,027	81 to 100	1,004	805.38	1.29	22.70	0.0001
Other Disorders Of Pigmentation	L81grp	3	38,914	1 to 7	1,727	1462.7	1.19	22.56	0.0001
Insomnia not due to a substance or known physiological condition	F510grp	4	11,903	80 to 99	1,615	1361.15	1.22	22.33	0.0001
Testicular Hypofunction	E291ngrp	5	6,901	81 to 100	986	790.94	1.29	22.29	0.0001
Testicular Hypofunction	E291grp	4	6,901	81 to 100	986	790.94	1.29	22.29	0.0001
Cardiomegaly	I517ngrp	5	21,174	4 to 18	2,006	1721.86	1.18	22.26	0.0001
Cardiomegaly	I517grp	4	21,174	4 to 18	2,006	1721.86	1.18	22.26	0.0001
Cortical Age-Related Cataract	H2501grp	5	4,631	1 to 22	721	556.72	1.35	22.15	0.0001
Other Fatigue	R5383grp	5	42,966	84 to 105	5,920	5423.45	1.11	22.08	0.0001
Sleep disorders not due to a substance or known physiological condition	F51grp	3	13,180	80 to 99	1,772	1507.18	1.20	22.02	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	27,743	8 to 12	879	696.96	1.27	21.94	0.0001
Acute Kidney Failure Unspecified	N179grp	4	27,743	8 to 12	879	696.96	1.27	21.94	0.0001
Hypertrophic Disorders Of Skin	L91grp	3	13,846	1 to 27	2,326	2021.4	1.18	21.88	0.0001
Pain localized to other parts of lower abdomen	R103grp	4	17,534	23 to 53	3,313	2947.23	1.15	21.82	0.0001
Headache	R51ngrp	4	6,110	1 to 48	1,871	1599.84	1.24	21.79	0.0001
Headache	R51nnggrp	5	6,110	1 to 48	1,871	1599.84	1.24	21.79	0.0001
Epigastric Pain	R1013grp	5	12,517	18 to 71	4,111	3703.38	1.16	21.66	0.0001
Other specified disorders of bone density and structure, multiple sites	M8589grp	5	6,352	1 to 30	1,265	1046.48	1.26	21.38	0.0001
Acute Kidney Failure	N17grp	3	30,274	8 to 25	3,293	2933.02	1.14	21.25	0.0001
Other Malaise And Fatigue	R538grp	4	54,627	84 to 105	7,442	6895.38	1.09	21.13	0.0001
Shortness Of Breath	R0602grp	5	38,418	1 to 19	4,296	3884.73	1.12	21.05	0.0001

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Venous insufficiency (chronic) (peripheral)	I872grp	4	13,283	5 to 24	1,721	1466.19	1.20	20.97	0.0001
Venous insufficiency (chronic) (peripheral)	I872ngrp	5	13,283	5 to 24	1,721	1466.19	1.20	20.97	0.0001
Nonrheumatic Aortic Valve Disorders	I35grp	3	14,269	1 to 19	1,694	1442.84	1.20	20.69	0.0001
Abnormal Serum Enzyme Levels	R74grp	3	23,063	86 to 108	3,311	2954.69	1.14	20.68	0.0001
Disloc Sprain Joint Ligaments Knee	S83grp	3	9,951	1 to 16	1,058	863.38	1.25	20.45	0.0001
Chronic Pain Nec	G892grp	4	40,895	81 to 106	6,547	6044.84	1.10	20.32	0.0001
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	38,605	31 to 79	10,865	10214.47	1.09	20.32	0.0001
Other forms of acute ischemic heart disease	I2489grp	5	375	131 to 183	182	109.17	2.30	20.19	0.0001
Diverticular disease of large intestine without perforation or abscess	K573grp	4	41,302	31 to 79	11,597	10928.07	1.09	20.10	0.0001
Skin changes due to chronic exposure to nonionizing	L57grp	3	39,140	1 to 8	1,971	1703.29	1.17	20.02	0.0001
Nonrheumatic tricuspid (valve) insufficiency	I361ngrp	5	9,408	1 to 19	1,153	951.31	1.24	20.01	0.0001
Nonrheumatic tricuspid (valve) insufficiency	I361grp	4	9,408	1 to 19	1,153	951.31	1.24	20.01	0.0001
Pneumonia Unspecified Organism	J18grp	3	18,570	129 to 180	5,655	5192.87	1.13	19.99	0.0001
Respiratory Failure Nec	J96grp	3	14,892	121 to 181	5,345	4896.66	1.14	19.94	0.0001
Acute Sinusitis	J01grp	3	43,427	142 to 179	9,480	8879.46	1.09	19.89	0.0001
Other Chronic Pain	G8929grp	5	40,620	81 to 106	6,499	6004.2	1.10	19.87	0.0001
Acute Posthemorrhagic Anemia	D62nnggrp	5	8,254	99 to 179	3,987	3602.31	1.21	19.86	0.0001
Acute Posthemorrhagic Anemia	D62ngrp	4	8,254	99 to 179	3,987	3602.31	1.21	19.86	0.0001
Acute Posthemorrhagic Anemia	D62grp	3	8,254	99 to 179	3,987	3602.31	1.21	19.86	0.0001
Abnormal Electrocardiogram	R9431grp	5	39,872	1 to 26	6,044	5567.45	1.10	19.85	0.0001
Insomnia	G470grp	4	16,680	83 to 127	4,611	4196.52	1.14	19.84	0.0001
Other Spondylopathies	M48grp	3	36,600	1 to 23	5,009	4577.1	1.11	19.78	0.0001
Other Anemias	D64grp	3	35,137	110 to 183	14,968	14212.58	1.09	19.77	0.0001
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51grp	3	43,462	1 to 10	2,608	2302.63	1.14	19.42	0.0001
Other Supraventricular Tachycardia	I4719grp	5	329	122 to 183	183	111.2	2.46	19.36	0.0001
Background retinopathy and retinal vascular changes	H350grp	4	7,273	1 to 37	1,727	1481.5	1.22	19.31	0.0001
Hypersomnia Unspecified	G4710grp	5	2,252	1 to 42	669	521.07	1.40	19.26	0.0001
Pain Limb Hand Foot Fingers & Toes	M796grp	4	67,101	1 to 13	5,054	4625.8	1.10	19.25	0.0001

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Nontoxic Multinodular Goiter	E042ngrp	5	4,501	1 to 21	662	515.1	1.33	19.20	0.0001
Nontoxic Multinodular Goiter	E042grp	4	4,501	1 to 21	662	515.1	1.33	19.20	0.0001
Anemia Unspecified	D649ngrp	5	34,021	147 to 183	7,511	6989.52	1.10	19.00	0.0003
Anemia Unspecified	D649grp	4	34,021	147 to 183	7,511	6989.52	1.10	19.00	0.0003
Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction	I65grp	3	19,787	1 to 16	1,978	1716.78	1.17	18.94	0.0003
Hemorrhoids and perianal venous thrombosis	K64grp	3	41,912	36 to 81	10,914	10287.3	1.08	18.74	0.0004
Other Obesity	E668grp	4	1,733	26 to 37	193	119.97	1.69	18.73	0.0004
Other Obesity	E668ngrp	5	1,733	26 to 37	193	119.97	1.69	18.73	0.0004
Pain In Foot And Toes	M7967grp	5	30,479	1 to 15	2,809	2497.59	1.14	18.66	0.0004
Primary Osteoarthritis Other Joints	M190grp	4	32,826	1 to 8	1,664	1428.52	1.17	18.43	0.0004
Inflamed Seborrheic Keratosis	L820ngrp	5	17,080	1 to 22	2,334	2053.3	1.16	18.37	0.0004
Inflamed Seborrheic Keratosis	L820grp	4	17,080	1 to 22	2,334	2053.3	1.16	18.37	0.0004
Pain Not Elsewhere Classified	G89grp	3	62,345	83 to 106	9,179	8612.2	1.08	18.28	0.0004
Chest Pain Unspecified	R079grp	4	34,154	1 to 32	6,426	5953.98	1.10	18.25	0.0004
Chest Pain Unspecified	R079ngrp	5	34,154	1 to 32	6,426	5953.98	1.10	18.25	0.0004
Other Disorders Of Eyelid	H02grp	3	19,260	1 to 22	2,612	2315.37	1.15	18.24	0.0004
Regular Astigmatism	H5222grp	5	12,374	1 to 8	684	538.49	1.29	18.10	0.0005
Occlusion & Stenosis Carotid Artery	I652grp	4	18,747	1 to 16	1,875	1626.55	1.17	18.08	0.0005
Pulmonary Edema	J81grp	3	6,443	107 to 183	3,013	2695.09	1.22	18.06	0.0005
Spinal Stenosis	M480grp	4	34,407	1 to 24	4,870	4462.72	1.11	18.05	0.0005
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129grp	4	28,547	73 to 104	5,483	5050.82	1.11	18.00	0.0005
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129ngrp	5	28,547	73 to 104	5,483	5050.82	1.11	18.00	0.0005
Anxiety Disorder Unspecified	F419grp	4	33,419	88 to 177	17,223	16448.61	1.10	17.99	0.0005
Anxiety Disorder Unspecified	F419ngrp	5	33,419	88 to 177	17,223	16448.61	1.10	17.99	0.0005
Unstable Angina	I200grp	4	2,935	1 to 26	537	409.82	1.38	17.96	0.0005
Unstable Angina	I200ngrp	5	2,935	1 to 26	537	409.82	1.38	17.96	0.0005

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other Enthesopathies	M77grp	3	22,518	1 to 27	3,636	3287.45	1.13	17.87	0.0005
Preglaucoma, Unspecified	H4000grp	5	3,579	2 to 60	1,355	1146.86	1.29	17.84	0.0005
Type 1 Diabetes Mellitus	E10grp	3	11,809	1 to 13	990	814.09	1.24	17.77	0.0006
Tear Of Meniscus Current Injury	S832grp	4	5,850	1 to 22	867	703.27	1.27	17.73	0.0007
Sensorineural Hear Loss Bilateral	H903grp	4	15,471	5 to 23	1,882	1635.81	1.17	17.66	0.0008
Sensorineural Hear Loss Bilateral	H903ngrp	5	15,471	5 to 23	1,882	1635.81	1.17	17.66	0.0008
Polyp Of Colon	K635grp	4	28,461	34 to 83	8,217	7691.22	1.10	17.59	0.0009
Polyp Of Colon	K635ngrp	5	28,461	34 to 83	8,217	7691.22	1.10	17.59	0.0009
Hypertensive Chronic Kidney Disease	I12grp	3	29,568	83 to 104	4,069	3704.83	1.11	17.35	0.0011
Vasomotor And Allergic Rhinitis	J30grp	3	40,957	80 to 99	5,091	4683.59	1.10	17.24	0.0014
Other symptoms and signs involving cognitive functions and awareness	R41grp	3	24,692	141 to 183	6,282	5828.56	1.10	17.21	0.0014
Pneumonia Unspecified Organism	J189ngrp	5	15,688	129 to 180	4,781	4386.95	1.13	17.20	0.0014
Pneumonia Unspecified Organism	J189grp	4	15,688	129 to 180	4,781	4386.95	1.13	17.20	0.0014
Disorder of the skin and subcutaneous tissue, unspecified	L989grp	4	11,122	81 to 104	1,734	1501.19	1.18	17.19	0.0014
Disorder of the skin and subcutaneous tissue, unspecified	L989ngrp	5	11,122	81 to 104	1,734	1501.19	1.18	17.19	0.0014
Poisoning by, adverse effect of and underdosing of antineoplastic and immunosuppressive drugs	T451Xgrp	5	1,715	104 to 183	916	749.91	1.48	17.17	0.0014
Poisoning by, adverse effect of and underdosing of antineoplastic and immunosuppressive drugs	T451grp	4	1,715	104 to 183	916	749.91	1.48	17.17	0.0014
Unspecified Lump In Breast	N63grp	3	14,112	1 to 21	1,856	1614.98	1.17	17.15	0.0014
Ascites	R18grp	3	2,860	128 to 183	1,050	871.86	1.32	17.08	0.0014
Hypertensive Retinopathy	H3503grp	5	5,436	1 to 21	773	622.1	1.28	16.98	0.0019
Depressive Episode	F32grp	3	46,393	119 to 183	17,258	16506.19	1.07	16.90	0.0021
Other Chest Pain	R0789grp	5	25,291	1 to 26	3,882	3531.46	1.12	16.86	0.0021
Other Ascites	R188grp	4	2,805	127 to 183	1,048	871.44	1.32	16.79	0.0022
Other Ascites	R188ngrp	5	2,805	127 to 183	1,048	871.44	1.32	16.79	0.0022
Atherosclerosis of native arteries of the extremities	I702grp	4	10,550	1 to 22	1,479	1268.29	1.19	16.61	0.0023
Viral Warts	B07grp	3	10,005	1 to 19	1,200	1011.68	1.21	16.53	0.0024
Other Diseases Of Intestine	K63grp	3	39,319	36 to 79	9,847	9289.87	1.08	16.40	0.0028
Edema Not Elsewhere Classified	R60grp	3	39,248	1 to 8	1,950	1707.99	1.15	16.39	0.0028

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Chronic kidney disease, stage 3 unspecified	N1830grp	5	5,405	84 to 104	794	643.94	1.27	16.27	0.003
Nontoxic Single Thyroid Nodule	E041ngrp	5	7,234	2 to 14	645	510.8	1.29	16.26	0.003
Nontoxic Single Thyroid Nodule	E041grp	4	7,234	2 to 14	645	510.8	1.29	16.26	0.003
Other Specified Disorders Of Breast	N6489grp	5	7,173	1 to 38	1,719	1493.83	1.20	16.18	0.0031
Type 2 diabetes mellitus with other specified complication	E1169grp	5	1,106	1 to 42	352	255.91	1.55	16.13	0.0032
Calculus of gallbladder without cholecystitis without obstruction	K8020grp	5	11,642	3 to 28	1,908	1671.29	1.17	16.03	0.0036
Calculus of gallbladder without cholecystitis	K802grp	4	11,733	2 to 32	2,235	1980.19	1.16	15.74	0.0049
Toxic Encephalopathy	G92grp	3	2,360	142 to 183	679	543.47	1.35	15.65	0.0053
Abnormal Posture	R293grp	4	2,992	1 to 8	199	130.21	1.57	15.62	0.0053
Abnormal Posture	R293ngrp	5	2,992	1 to 8	199	130.21	1.57	15.62	0.0053
Non-pressure chronic ulcer of lower limb, not elsewhere classified	L97grp	3	11,148	1 to 14	1,017	849.11	1.22	15.60	0.0054
Pleural effusion in conditions classified elsewhere	J91grp	3	904	142 to 182	287	202.53	1.61	15.58	0.0055
Abnormal Results Liver Function Std	R945grp	4	6,706	1 to 17	756	612.92	1.26	15.54	0.0058
Abnormal Results Liver Function Std	R945ngrp	5	6,706	1 to 17	756	612.92	1.26	15.54	0.0058
Shock Not Elsewhere Classified	R57grp	3	2,396	143 to 183	675	540.43	1.35	15.52	0.0059
Pain In Joint	M255grp	4	90,128	83 to 106	13,076	12450.08	1.06	15.50	0.0059
Hyperkalemia	E875grp	4	7,996	1 to 13	687	551.23	1.27	15.50	0.0059
Hyperkalemia	E875ngrp	5	7,996	1 to 13	687	551.23	1.27	15.50	0.0059
Weakness	R531grp	4	19,742	9 to 26	2,145	1897.51	1.15	15.48	0.0059
Weakness	R531ngrp	5	19,742	9 to 26	2,145	1897.51	1.15	15.48	0.0059
Cardiac Arrest	I46grp	3	683	143 to 183	228	154.05	1.72	15.44	0.0064
Other Disorders Of Peritoneum	K66grp	3	3,201	103 to 159	1,159	980.43	1.29	15.36	0.0073
Dyspnea Unspecified	R0600grp	5	11,938	1 to 29	2,154	1907.4	1.16	15.30	0.0081
Pure Hyperglyceridemia	E781grp	4	1,821	80 to 99	293	208.24	1.49	15.30	0.0082
Pure Hyperglyceridemia	E781ngrp	5	1,821	80 to 99	293	208.24	1.49	15.30	0.0082
Other & Unspecified Encephalopathy	G934grp	4	7,053	142 to 183	1,852	1624.2	1.19	15.28	0.0083
Type 1 diabetes mellitus with ketoacidosis	E101grp	4	424	5 to 19	72	34.68	2.30	15.28	0.0084
Telogen Effluvium	L650ngrp	5	866	121 to 183	397	296.86	1.62	15.26	0.0084
Telogen Effluvium	L650grp	4	866	121 to 183	397	296.86	1.62	15.26	0.0084

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Bilateral Prim Osteoarthritis Knee	M170grp	4	10,220	1 to 18	1,159	981.69	1.20	15.13	0.0093
Bilateral Prim Osteoarthritis Knee	M170ngrp	5	10,220	1 to 18	1,159	981.69	1.20	15.13	0.0093
Other abnormal findings of blood chemistry	R79grp	3	43,644	75 to 96	5,771	5363.55	1.09	15.11	0.0095
Abnormal Levels Other Serum Enzymes	R748ngrp	5	14,000	87 to 108	1,957	1724.3	1.16	15.04	0.0104
Abnormal Levels Other Serum Enzymes	R748grp	4	14,000	87 to 108	1,957	1724.3	1.16	15.04	0.0104
Acute Sinusitis Unspecified	J019grp	4	22,343	130 to 178	6,349	5922.61	1.10	15.00	0.0105
Heartburn	R12ngrp	4	8,579	20 to 86	3,457	3145.38	1.17	14.96	0.0111
Heartburn	R12grp	3	8,579	20 to 86	3,457	3145.38	1.17	14.96	0.0111
Heartburn	R12nngrp	5	8,579	20 to 86	3,457	3145.38	1.17	14.96	0.0111
Chronic Ischemic Heart Disease	I25grp	3	37,401	1 to 62	13,230	12611.94	1.08	14.93	0.0115
Other Specified Disorders Of Breast	N648grp	4	7,317	1 to 38	1,742	1523.82	1.19	14.93	0.0115
Cardiac murmurs and other cardiac sounds	R01grp	3	9,532	3 to 11	573	452.14	1.28	14.88	0.0122
Acute Sinusitis Unspecified	J0190grp	5	21,935	130 to 178	6,235	5814.46	1.10	14.87	0.0123
Insomnia Unspecified	G4700grp	5	14,667	83 to 129	4,166	3824.23	1.13	14.84	0.0125
Biomechanical lesions, not elsewhere classified	M99grp	3	26,482	1 to 23	3,630	3311.77	1.11	14.83	0.0126
Anorexia	R630grp	4	3,421	19 to 78	1,311	1123.92	1.27	14.77	0.014
Anorexia	R630ngrp	5	3,421	19 to 78	1,311	1123.92	1.27	14.77	0.014
Orthostatic Hypotension	I951ngrp	5	6,521	42 to 76	1,419	1224.29	1.20	14.72	0.0144
Orthostatic Hypotension	I951grp	4	6,521	42 to 76	1,419	1224.29	1.20	14.72	0.0144
Protein-calorie malnutrition of moderate and mild degree	E44grp	3	2,100	106 to 179	998	836.29	1.37	14.72	0.0144
Other Chest Pain	R078grp	4	30,812	1 to 25	4,497	4143.31	1.10	14.69	0.0151
Type 1 diabetes mellitus with ketoacidosis without coma	E1010grp	5	406	5 to 19	69	33.21	2.30	14.67	0.0155
Major depressive disorder, recurrent	F33grp	3	24,227	84 to 106	3,508	3197.41	1.11	14.63	0.016
Acute Respiratory Failure	J960grp	4	9,753	129 to 183	3,224	2927.58	1.15	14.53	0.0176
Unspecified protein-calorie malnutrition	E46nngrp	5	1,943	130 to 180	664	534.64	1.37	14.52	0.0176
Unspecified protein-calorie malnutrition	E46grp	3	1,943	130 to 180	664	534.64	1.37	14.52	0.0176
Unspecified protein-calorie malnutrition	E46ngrp	4	1,943	130 to 180	664	534.64	1.37	14.52	0.0176
Acute Pharyngitis	J02grp	3	39,235	100 to 173	16,234	15559.47	1.07	14.44	0.0191
Generalized Anxiety Disorder	F411grp	4	11,961	83 to 134	3,776	3455.88	1.14	14.40	0.0199
Generalized Anxiety Disorder	F411ngrp	5	11,961	83 to 134	3,776	3455.88	1.14	14.40	0.0199

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Poisoning by, adverse effect of and underdosing of primarily systemic and hematological agents, not elsewhere classified	T45grp	3	3,044	115 to 182	1,310	1125.6	1.29	14.34	0.0213
Flatulence And Related Conditions	R14grp	3	16,725	35 to 52	1,858	1637.05	1.15	14.29	0.0226
Abnormal findings on diagnostic imaging of heart and coronary circulation	R931grp	4	5,439	1 to 57	1,923	1698.12	1.21	14.28	0.0228
Abnormal findings on diagnostic imaging of heart and coronary circulation	R931ngrp	5	5,439	1 to 57	1,923	1698.12	1.21	14.28	0.0228
Pain In Shoulder	M2551grp	5	22,673	117 to 182	8,664	8176.63	1.10	14.26	0.0233
Other Vitreous Opacities	H433grp	4	10,487	1 to 19	1,239	1060.42	1.19	14.26	0.0233
Adult Failure To Thrive	R627grp	4	1,164	136 to 183	404	306.02	1.49	14.24	0.0238
Adult Failure To Thrive	R627ngrp	5	1,164	136 to 183	404	306.02	1.49	14.24	0.0238
Occlusion and stenosis of bilateral carotid arteries	I6523grp	5	12,673	1 to 12	949	794.73	1.21	14.09	0.0287
Other Sepsis	A41grp	3	15,243	127 to 183	5,104	4735.59	1.12	13.98	0.032
Other specified diabetes mellitus with ketoacidosis	E131grp	4	440	2 to 12	56	25.15	2.41	13.98	0.032
Disorder Of Patella	M22grp	3	4,480	1 to 35	1,025	864.94	1.24	13.97	0.0324
Sleep Disorders	G47grp	3	61,258	7 to 66	20,898	20144.23	1.06	13.97	0.0327
Other Specified Disorders Of Eyelid	H028grp	4	12,804	1 to 21	1,672	1465.29	1.16	13.94	0.0331
Gastritis And Duodenitis	K29grp	3	31,516	32 to 116	15,253	14611.26	1.09	13.92	0.0338
Cardiac Murmur Unspecified	R011grp	4	9,089	3 to 11	545	431.12	1.28	13.87	0.0359
Cardiac Murmur Unspecified	R011ngrp	5	9,089	3 to 11	545	431.12	1.28	13.87	0.0359
Other Seborrheic Keratosis	L821grp	4	35,613	1 to 13	2,720	2455.08	1.12	13.81	0.0382
Other Seborrheic Keratosis	L821ngrp	5	35,613	1 to 13	2,720	2455.08	1.12	13.81	0.0382
Functional Dyspepsia	K30grp	3	5,340	29 to 70	1,404	1216.56	1.21	13.75	0.0417
Functional Dyspepsia	K30ngrp	4	5,340	29 to 70	1,404	1216.56	1.21	13.75	0.0417
Functional Dyspepsia	K30nngp	5	5,340	29 to 70	1,404	1216.56	1.21	13.75	0.0417
Spinal Stenosis Lumbar Region	M4806grp	5	19,500	1 to 23	2,702	2438.62	1.13	13.74	0.042
Corns And Callosities	L84grp	3	13,188	1 to 14	1,175	1004.49	1.19	13.72	0.0432
Corns And Callosities	L84ngrp	4	13,188	1 to 14	1,175	1004.49	1.19	13.72	0.0432
Corns And Callosities	L84nngp	5	13,188	1 to 14	1,175	1004.49	1.19	13.72	0.0432
Metatarsalgia	M774grp	4	3,554	3 to 16	363	272.16	1.37	13.71	0.0438
Purpura & Oth Hemorrhagic Condition	D69grp	3	12,392	104 to 183	5,808	5418.57	1.14	13.68	0.0455

Table 3a. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other Constipation	K5909grp	5	6,935	48 to 106	2,513	2260.04	1.18	13.66	0.0465

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

Table 3b. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
N/A ³									
Inpatient, Emergency Department, or Outpatient Setting									
Nonalcoholic Steatohepatitis	K7581grp	5	341	147 to 183	126	71.46	2.21	16.93	0.0003
Other specified inflammatory liver diseases	K758grp	4	345	147 to 183	127	72.3	2.20	16.85	0.0003
Other Inflammatory Liver Diseases	K75grp	3	353	147 to 183	129	73.98	2.18	16.72	0.0004

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

³In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not applicable

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
Nausea And Vomiting	R11grp	3	23,278	2 to 46	7,123	5612.44	1.40	187.97	0.0001
Nausea With Vomiting Unspecified	R112grp	4	12,398	2 to 41	3,505	2654.92	1.45	123.78	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	12,398	2 to 41	3,505	2654.92	1.45	123.78	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	2,183	1 to 19	434	216.44	2.26	84.40	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	965	1 to 35	363	179.29	2.64	72.37	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	3,518	1 to 17	543	311.74	1.88	70.09	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	1,836	1 to 19	354	182.04	2.17	63.49	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	1,836	1 to 19	354	182.04	2.17	63.49	0.0001
Abdominal And Pelvic Pain	R10grp	3	23,650	4 to 51	7,017	6131.1	1.21	61.40	0.0001
Diarrhea Unspecified	R197ngrp	5	10,503	3 to 64	4,151	3506.02	1.31	56.14	0.0001
Diarrhea Unspecified	R197grp	4	10,503	3 to 64	4,151	3506.02	1.31	56.14	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	3,727	2 to 22	635	416.4	1.64	49.37	0.0001
Volume Depletion	E86grp	3	18,094	4 to 45	4,726	4099.93	1.21	45.68	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	12,130	4 to 64	4,598	3990.43	1.25	44.20	0.0001
Nausea	R110ngrp	5	7,166	2 to 61	2,757	2302.19	1.32	42.30	0.0001
Nausea	R110grp	4	7,166	2 to 61	2,757	2302.19	1.32	42.30	0.0001
Dehydration	E860ngrp	5	14,315	1 to 45	3,978	3435.24	1.22	40.89	0.0001
Dehydration	E860grp	4	14,315	1 to 45	3,978	3435.24	1.22	40.89	0.0001
Vomiting	R111grp	4	3,714	2 to 46	1,145	895.46	1.40	31.95	0.0001

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	1,075	1 to 15	166	83.55	2.17	31.52	0.0001
Vomiting Unspecified	R1110grp	5	3,356	2 to 41	936	718.66	1.42	29.99	0.0001
Pain In Throat And Chest	R07grp	3	25,317	1 to 8	1,241	1001.83	1.26	26.53	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	19,705	3 to 43	4,817	4351.3	1.14	24.15	0.0001
Acute Kidney Failure Unspecified	N179grp	4	19,705	3 to 43	4,817	4351.3	1.14	24.15	0.0001
Unspecified Abdominal Pain	R109ngrp	5	8,227	1 to 52	2,622	2284.6	1.22	23.81	0.0001
Unspecified Abdominal Pain	R109grp	4	8,227	1 to 52	2,622	2284.6	1.22	23.81	0.0001
Pleural effusion, not elsewhere classified	J90ngrp	5	7,142	127 to 183	2,649	2310.56	1.23	23.70	0.0001
Pleural effusion, not elsewhere classified	J90ngrp	4	7,142	127 to 183	2,649	2310.56	1.23	23.70	0.0001
Pleural effusion, not elsewhere classified	J90grp	3	7,142	127 to 183	2,649	2310.56	1.23	23.70	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	7,561	9 to 67	2,740	2404.54	1.22	22.42	0.0001
Acute Kidney Failure	N17grp	3	21,699	1 to 39	4,946	4491.1	1.13	22.37	0.0001
Other functional intestinal disorders	K59grp	3	11,173	10 to 79	4,655	4221.13	1.18	21.64	0.0001
Pain Localized To Upper Abdomen	R101grp	4	5,834	1 to 40	1,471	1239.68	1.25	20.37	0.0001
Constipation	K590grp	4	10,676	10 to 79	4,442	4033.37	1.17	20.09	0.0001
Other Abdominal Pain	R108grp	4	3,360	6 to 20	384	274.47	1.45	19.42	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	6,696	9 to 67	2,421	2129.45	1.22	19.14	0.0002
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	6,696	9 to 67	2,421	2129.45	1.22	19.14	0.0002
Other forms of acute ischemic heart disease	I2489grp	5	342	124 to 183	188	116.3	2.37	18.59	0.0002
Type 2 Diabetes Mellitus	E11grp	3	2,794	1 to 21	421	308.93	1.43	18.24	0.0005
Constipation Unspecified	K5900grp	5	9,276	10 to 48	2,227	1957.37	1.18	17.80	0.0005
Unspecified severe protein-calorie malnutrition	E43ngrp	4	1,270	133 to 183	490	369.71	1.53	17.74	0.0005
Unspecified severe protein-calorie malnutrition	E43grp	3	1,270	133 to 183	490	369.71	1.53	17.74	0.0005
Unspecified severe protein-calorie malnutrition	E43ngrp	5	1,270	133 to 183	490	369.71	1.53	17.74	0.0005
Generalized Abdominal Pain	R1084grp	5	2,814	6 to 20	325	229.86	1.47	17.43	0.0005
Other specified diabetes mellitus with ketoacidosis	E131grp	4	322	1 to 13	54	21.46	2.82	17.29	0.0006
Other specified diabetes mellitus with ketoacidosis without coma	E1310grp	5	313	1 to 12	49	19.11	2.86	16.25	0.0017
Acidosis	E872ngrp	5	3,066	1 to 64	1,239	1049.67	1.30	16.15	0.0019

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other Chest Pain	R078grp	4	10,929	1 to 42	2,733	2448.38	1.16	15.97	0.0023
Dizziness And Giddiness	R42ngrp	4	12,433	1 to 63	4,559	4189.92	1.14	15.85	0.0024
Dizziness And Giddiness	R42grp	3	12,433	1 to 63	4,559	4189.92	1.14	15.85	0.0024
Dizziness And Giddiness	R42nnggrp	5	12,433	1 to 63	4,559	4189.92	1.14	15.85	0.0024
Epigastric Pain	R1013grp	5	2,746	1 to 40	722	583.51	1.32	15.28	0.0046
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	5,774	1 to 38	1,357	1163.55	1.22	15.27	0.0046
Fatty (change of) liver, not elsewhere classified	K760grp	4	5,774	1 to 38	1,357	1163.55	1.22	15.27	0.0046
Pain localized to other parts of lower abdomen	R103grp	4	5,078	10 to 54	1,427	1236.72	1.21	13.95	0.0186
Cardiac Arrest	I46grp	3	504	146 to 183	170	110.51	1.81	13.73	0.0239
Headache	R51grp	3	11,717	1 to 7	508	399.08	1.29	13.68	0.0248
Other Chest Pain	R0789grp	5	9,831	1 to 37	2,162	1930.47	1.15	13.38	0.0352
Acute Pain Not Elsewhere Classified	G891grp	4	4,462	88 to 126	1,105	942.17	1.23	13.33	0.0367
Pulmonary Edema	J81grp	3	4,857	117 to 183	2,061	1836.44	1.21	13.22	0.0415
Unspecified adverse effect of drug or medicament	T887Xgrp	5	229	1 to 27	66	32.64	2.44	13.11	0.0453
Unspecified adverse effect of drug or medicament	T887grp	4	229	1 to 27	66	32.64	2.44	13.11	0.0453
Inpatient, Emergency Department, or Outpatient Setting									
Nausea And Vomiting	R11grp	3	66,818	3 to 61	25,700	21427.75	1.33	401.38	0.0001
Nausea	R110ngrp	5	31,518	10 to 64	11,804	9504.62	1.39	258.45	0.0001
Nausea	R110grp	4	31,518	10 to 64	11,804	9504.62	1.39	258.45	0.0001
Type 2 Diabetes Mellitus	E11grp	3	24,004	1 to 43	7,363	5690.41	1.43	224.94	0.0001
Age-Related Cataract	H25grp	3	66,339	1 to 22	9,604	7981.8	1.24	154.87	0.0001
Vitamin D Deficiency Unspecified	E559ngrp	5	46,970	81 to 100	6,729	5391.38	1.29	153.82	0.0001
Vitamin D Deficiency Unspecified	E559grp	4	46,970	81 to 100	6,729	5391.38	1.29	153.82	0.0001
Vitamin D Deficiency	E55grp	3	46,999	81 to 100	6,732	5394.71	1.29	153.66	0.0001
Nausea With Vomiting Unspecified	R112grp	4	26,564	2 to 60	10,148	8507.57	1.31	149.05	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	26,564	2 to 60	10,148	8507.57	1.31	149.05	0
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	30,478	1 to 30	6,255	5019.05	1.31	141.13	0.0001
Fatty (change of) liver, not elsewhere classified	K760grp	4	30,478	1 to 30	6,255	5019.05	1.31	141.13	0.0001
Constipation	K590grp	4	48,337	27 to 98	21,585	19241.6	1.22	137.61	0.0001
Other functional intestinal disorders	K59grp	3	50,389	26 to 98	22,708	20316.59	1.22	135.92	0.0001
Disorders of lipoprotein metabolism and other lipidemias	E78grp	3	49,246	81 to 100	6,926	5652.63	1.26	133.84	0.0001

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other Diseases Of Liver	K76grp	3	38,799	1 to 26	6,666	5418.42	1.28	133.83	0.0001
Type 2 DM Without Complications	E119grp	4	17,145	1 to 46	5,386	4300.15	1.37	126.91	0.0001
Type 2 DM Without Complications	E119ngrp	5	17,145	1 to 46	5,386	4300.15	1.37	126.91	0.0001
Disorders Refraction Accommodation	H52grp	3	71,459	1 to 23	10,447	8943.31	1.20	120.02	0.0001
Mammographic density found on imaging of breast	R923grp	4	2,828	122 to 183	1,470	955.87	2.12	118.57	0.0001
Overweight And Obesity	E66grp	3	78,412	26 to 99	34,800	32082.57	1.15	112.48	0.0001
Metabolic syndrome and other insulin resistance	E8881grp	5	8,999	24 to 43	1,494	1007.06	1.58	102.34	0.0001
Other Specified Metabolic Disorders	E888grp	4	9,481	21 to 43	1,743	1229.23	1.51	94.94	0.0001
Abdominal And Pelvic Pain	R10grp	3	83,779	16 to 54	19,550	17690.62	1.14	94.70	0.0001
Constipation Unspecified	K5900grp	5	34,205	24 to 98	15,769	14112.04	1.22	93.87	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	6,137	2 to 51	2,259	1679.02	1.55	90.32	0.0001
Age-Related Nuclear Cataract	H251grp	4	40,387	1 to 29	7,557	6450.22	1.21	90.03	0.0001
Type 2 diabetes mellitus with other specified complications	E116grp	4	3,784	1 to 36	1,134	752.44	1.72	83.60	0.0001
Age-related nuclear cataract, bilateral	H2513grp	5	36,337	1 to 35	8,103	7011.22	1.20	80.99	0.0001
Diarrhea Unspecified	R197ngrp	5	35,906	24 to 75	11,325	10076.37	1.18	74.46	0.0001
Diarrhea Unspecified	R197grp	4	35,906	24 to 75	11,325	10076.37	1.18	74.46	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	8,092	2 to 51	2,801	2213.88	1.41	71.78	0.0001
Mammographic fibroglandular density of breast	R9232grp	5	1,525	132 to 183	709	436.35	2.17	71.51	0.0001
Obesity Unspecified	E669ngrp	5	38,735	25 to 43	4,949	4155.04	1.22	71.48	0.0001
Obesity Unspecified	E669grp	4	38,735	25 to 43	4,949	4155.04	1.22	71.48	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	2,782	2 to 19	481	266.15	1.98	69.81	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	2,782	2 to 19	481	266.15	1.98	69.81	0.0001
Type 2 diabetes mellitus with hyperglycemia	E1165grp	5	2,565	1 to 37	810	522.23	1.81	67.76	0.0001
Other and unspecified metabolic disorders	E88grp	3	13,037	20 to 43	2,276	1770.87	1.35	66.05	0.0001
Osteoarthritis Of Knee	M17grp	3	36,492	1 to 16	3,819	3169.7	1.23	62.41	0.0001

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Hyperlipidemia Unspecified	E785ngrp	5	27,226	81 to 100	3,769	3125.1	1.24	62.23	0.0001
Hyperlipidemia Unspecified	E785grp	4	27,226	81 to 100	3,769	3125.1	1.24	62.23	0.0001
Hepatomegaly and splenomegaly, not elsewhere classified	R16grp	3	11,852	1 to 27	2,209	1730	1.34	60.94	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	53,980	18 to 89	22,715	21103.81	1.13	60.18	0.0001
Obesity Due To Excess Calories	E660grp	4	28,748	80 to 99	3,931	3291.81	1.23	58.42	0.0001
Hepatomegaly, not elsewhere classified	R160grp	4	7,321	1 to 25	1,342	984.9	1.44	58.09	0.0001
Hepatomegaly, not elsewhere classified	R160ngrp	5	7,321	1 to 25	1,342	984.9	1.44	58.09	0.0001
Gastro-Esophageal Reflux Disease	K21grp	3	74,892	41 to 99	26,076	24396.34	1.11	56.73	0.0001
Proteinuria Unspecified	R809grp	4	14,399	84 to 105	2,292	1819.8	1.31	56.57	0.0001
Proteinuria Unspecified	R809ngrp	5	14,399	84 to 105	2,292	1819.8	1.31	56.57	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	1,528	2 to 19	291	146.18	2.22	55.53	0.0001
Spondylosis	M47grp	3	50,238	1 to 24	7,388	6520.52	1.16	55.36	0.0001
Proteinuria	R80grp	3	16,439	84 to 105	2,575	2077.63	1.28	55.30	0.0001
Other Nonscarring Hair Loss	L65grp	3	6,067	137 to 183	1,999	1567.14	1.41	54.70	0.0001
Mixed Hyperlipidemia	E782ngrp	5	11,894	81 to 100	1,769	1365.24	1.35	54.57	0.0001
Mixed Hyperlipidemia	E782grp	4	11,894	81 to 100	1,769	1365.24	1.35	54.57	0.0001
Other disorders of bone density and structure	M85grp	3	27,487	1 to 22	3,918	3307.19	1.22	53.25	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	5,314	2 to 19	758	508.39	1.57	53.16	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	4,453	3 to 51	1,571	1197.7	1.48	52.94	0.0001
Unilateral primary osteoarthritis of knee	M171grp	4	24,972	1 to 16	2,665	2169.07	1.26	52.82	0.0001
Glaucoma Suspect	H400grp	4	22,259	1 to 36	5,122	4426.15	1.20	52.07	0.0001
Glaucoma	H40grp	3	26,981	1 to 36	6,128	5365.11	1.18	51.88	0.0001
Gerd Without Esophagitis	K219grp	4	68,823	57 to 99	17,654	16339.43	1.11	51.64	0.0001
Gerd Without Esophagitis	K219ngrp	5	68,823	57 to 99	17,654	16339.43	1.11	51.64	0.0001
Other Spondylosis	M478grp	4	40,870	1 to 24	6,052	5304.62	1.17	50.38	0.0001

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other specified disorders of bone density and	M858grp	4	26,128	1 to 22	3,721	3143.68	1.22	50.06	0.0001
Ckd Stage 3 Moderate	N183grp	4	16,187	85 to 105	2,368	1930.23	1.27	46.28	0.0001
Nonscarring Hair Loss Unspecified	L659ngrp	5	4,709	137 to 183	1,566	1216.36	1.43	46.04	0.0001
Nonscarring Hair Loss Unspecified	L659grp	4	4,709	137 to 183	1,566	1216.36	1.43	46.04	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	2,341	3 to 52	897	640.05	1.65	45.80	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	2,341	3 to 52	897	640.05	1.65	45.80	0.0001
Pleural effusion, not elsewhere classified	J90nnggrp	5	10,143	127 to 180	3,476	2942.37	1.28	45.72	0.0001
Pleural effusion, not elsewhere classified	J90ngrp	4	10,143	127 to 180	3,476	2942.37	1.28	45.72	0.0001
Pleural effusion, not elsewhere classified	J90grp	3	10,143	127 to 180	3,476	2942.37	1.28	45.72	0.0001
Hypermetropia	H520grp	4	13,652	1 to 36	3,224	2714.67	1.25	45.06	0.0001
Abnormalities Of Breathing	R06grp	3	72,753	1 to 34	14,623	13509.59	1.10	44.76	0.0001
Spondylosis without myelopathy or radiculopathy	M4781grp	5	36,386	1 to 24	5,387	4722.63	1.17	44.71	0.0001
Abnormal Results Function Studies	R94grp	3	59,700	1 to 26	9,215	8337.31	1.13	44.71	0.0001
Morbid (severe) obesity due to excess calories	E6601grp	5	23,580	82 to 105	3,797	3244.25	1.20	44.64	0.0001
Acquired Deformities Fingers & Toes	M20grp	3	17,875	1 to 15	1,842	1466.23	1.29	44.51	0.0001
Hypercalcemia	E8352grp	5	7,888	83 to 103	1,244	941.11	1.38	44.23	0.0001
Vomiting Unspecified	R1110grp	5	7,585	3 to 48	2,331	1908.33	1.32	43.70	0.0001
Volume Depletion	E86grp	3	24,519	8 to 54	7,006	6266.77	1.17	42.02	0.0001
Unilateral primary osteoarthritis, left knee	M1712grp	5	12,403	1 to 23	1,925	1552.27	1.28	41.55	0.0001
Vomiting	R111grp	4	8,736	3 to 48	2,638	2197.91	1.29	41.40	0.0001
Disorders Of Calcium Metabolism	E835grp	4	10,543	83 to 104	1,665	1322.59	1.31	40.94	0.0001
Age-Related Incipient Cataract	H250grp	4	7,442	1 to 22	1,177	895.41	1.37	40.26	0.0001
Dehydration	E860grp	4	20,013	3 to 39	4,631	4056.34	1.18	38.93	0.0001
Dehydration	E860ngrp	5	20,013	3 to 39	4,631	4056.34	1.18	38.93	0.0001
Chronic Kidney Disease	N18grp	3	30,784	83 to 105	4,653	4079.99	1.17	38.50	0.0001
Other Hypothyroidism	E03grp	3	19,210	77 to 98	2,864	2419.91	1.22	38.48	0.0001
Other specified disorders of bone density and structure, thigh	M8585grp	5	5,944	1 to 22	961	715.17	1.41	38.10	0.0001
Supraventricular Tachycardia Uns	I4710grp	5	885	128 to 183	424	269.77	2.10	37.49	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928ngrp	5	10,181	1 to 44	2,901	2462.02	1.25	37.01	0.0001

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928grp	4	10,181	1 to 44	2,901	2462.02	1.25	37.01	0.0001
Cough, Unspecified	R059grp	4	30,220	122 to 181	10,652	9791.4	1.14	36.81	0.0001
Cough, Unspecified	R059ngrp	5	30,220	122 to 181	10,652	9791.4	1.14	36.81	0.0001
Acute Cough	R051ngrp	5	12,875	107 to 183	6,024	5385.7	1.22	36.44	0.0001
Acute Cough	R051grp	4	12,875	107 to 183	6,024	5385.7	1.22	36.44	0.0001
Pain Localized To Upper Abdomen	R101grp	4	22,112	18 to 71	7,235	6536.53	1.16	36.09	0.0001
Drug Induced Constipation	K5903grp	5	3,228	26 to 98	1,619	1301.51	1.49	35.92	0.0001
Angina Pectoris	I20grp	3	12,114	1 to 36	2,835	2408.84	1.23	35.66	0.0001
Hypertension secondary to endocrine disorders	I152grp	4	5,386	85 to 105	867	642.26	1.42	35.40	0.0001
Hypertension secondary to endocrine disorders	I152ngrp	5	5,386	85 to 105	867	642.26	1.42	35.40	0.0001
Other Anxiety Disorders	F41grp	3	47,642	90 to 133	12,557	11641.85	1.11	35.12	0.0001
Pain In Throat And Chest	R07grp	3	69,933	1 to 26	10,605	9766.39	1.10	35.06	0.0001
Other Age-Related Cataract	H258grp	4	17,482	1 to 22	2,496	2103.41	1.22	34.56	0.0001
Hypothyroidism Unspecified	E039ngrp	5	16,946	76 to 98	2,640	2235.86	1.21	34.51	0.0001
Hypothyroidism Unspecified	E039grp	4	16,946	76 to 98	2,640	2235.86	1.21	34.51	0.0001
Abnormal Weight Gain	R635grp	4	6,736	26 to 35	569	393.51	1.49	34.34	0.0001
Abnormal Weight Gain	R635ngrp	5	6,736	26 to 35	569	393.51	1.49	34.34	0.0001
Deficiency Other B Group Vitamins	E53grp	3	20,190	82 to 126	5,668	5067.75	1.17	34.25	0.0001
Snoring	R0683grp	5	6,873	1 to 50	2,257	1886.39	1.29	34.24	0.0001
Abnormal results of cardiovascular function studies	R943grp	4	44,820	1 to 26	6,924	6259.27	1.13	34.14	0.0001
Combine Forms Age-Relate Cataract	H2581grp	5	17,138	1 to 22	2,448	2062.02	1.22	34.07	0.0001
Abnormal and inconclusive findings on diagnostic imaging of breast	R92grp	3	23,809	1 to 30	4,447	3920.82	1.17	33.85	0.0001
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	3,184	3 to 52	1,124	870.53	1.45	33.77	0.0001
Male Erectile Dysfunction	N52grp	3	14,367	80 to 99	1,989	1645.1	1.24	33.68	0.0001
Disorders Of Mineral Metabolism	E83grp	3	25,840	78 to 103	4,231	3719.72	1.17	33.65	0.0001
Dyspnea	R060grp	4	57,289	1 to 17	5,841	5242.16	1.13	33.00	0.0001
Presbyopia	H524grp	4	20,943	1 to 15	2,063	1717.89	1.22	32.56	0.0001
Presbyopia	H524ngrp	5	20,943	1 to 15	2,063	1717.89	1.22	32.56	0.0001
Nonrheumatic Mitral Valve Disorders	I34grp	3	19,452	1 to 22	2,740	2340.43	1.20	32.33	0.0001

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Cough	R05nnggrp	5	18,239	9 to 82	7,989	7293.04	1.17	32.23	0.0001
Cough	R05nggrp	4	18,239	9 to 82	7,989	7293.04	1.17	32.23	0.0001
Other Abnormalities Of Breathing	R068grp	4	9,472	1 to 52	3,111	2686.15	1.24	31.97	0.0001
Deficiency Spec B Group Vitamins	E538grp	4	18,493	82 to 126	5,196	4641.8	1.17	31.86	0.0001
Deficiency Spec B Group Vitamins	E538nnggrp	5	18,493	82 to 126	5,196	4641.8	1.17	31.86	0.0001
Nonrheumatic Mitral Insufficiency	I340grp	4	14,785	1 to 22	2,125	1778.91	1.23	31.68	0.0001
Nonrheumatic Mitral Insufficiency	I340nnggrp	5	14,785	1 to 22	2,125	1778.91	1.23	31.68	0.0001
Other Abdominal Pain	R108grp	4	10,341	4 to 54	3,315	2879.72	1.22	31.37	0.0001
Other Forms Of Angina Pectoris	I2089grp	5	626	120 to 183	345	218.31	2.29	31.19	0.0001
Other Retinal Disorders	H35grp	3	36,334	1 to 22	4,902	4371.65	1.14	30.96	0.0001
Tinea Unguium	B351nnggrp	5	23,880	1 to 29	4,309	3813.88	1.16	30.85	0.0001
Tinea Unguium	B351grp	4	23,880	1 to 29	4,309	3813.88	1.16	30.85	0.0001
Essential Primary Hypertension	I10grp	3	38,304	79 to 99	5,105	4567.35	1.14	30.49	0.0001
Essential Primary Hypertension	I10nnggrp	4	38,304	79 to 99	5,105	4567.35	1.14	30.49	0.0001
Essential Primary Hypertension	I10nnggrp	5	38,304	79 to 99	5,105	4567.35	1.14	30.49	0.0001
Abnormal Weight Loss	R634nnggrp	5	10,866	55 to 127	4,894	4368.05	1.22	30.48	0.0001
Abnormal Weight Loss	R634grp	4	10,866	55 to 127	4,894	4368.05	1.22	30.48	0.0001
Disorders Of Lacrimal System	H04grp	3	34,784	1 to 28	5,926	5346.43	1.13	30.36	0.0001
Hypermetropia Bilateral	H5203grp	5	11,160	1 to 36	2,596	2219.14	1.22	30.34	0.0001
Dry Eye Syndrome	H0412grp	5	33,206	1 to 28	5,670	5103.89	1.13	30.32	0.0001
Other Disorders Of Lacrimal Gland	H041grp	4	33,266	1 to 28	5,677	5113.11	1.13	30.03	0.0001
Sleep Apnea	G473grp	4	33,912	1 to 43	8,741	8039.21	1.12	29.81	0.0001
Male Erectile Dysfunction Uns	N529nnggrp	5	10,252	80 to 99	1,445	1173.91	1.27	29.14	0.0001
Male Erectile Dysfunction Uns	N529grp	4	10,252	80 to 99	1,445	1173.91	1.27	29.14	0.0001
Other Nontoxic Goiter	E04grp	3	13,331	1 to 14	1,269	1016.44	1.28	29.06	0.0001
Cough	R05grp	3	68,443	128 to 180	20,523	19455.08	1.08	28.87	0.0001
Influenza due to other identified influenza virus	J10grp	3	5,866	135 to 180	1,746	1448.17	1.29	28.72	0.0001
Other Hammer Toes Acquired	M204grp	4	9,134	1 to 22	1,359	1098.99	1.28	28.59	0.0001
Inconclusive Mammogram	R922nnggrp	5	5,314	1 to 25	926	714.9	1.36	28.49	0.0001
Inconclusive Mammogram	R922grp	4	5,314	1 to 25	926	714.9	1.36	28.49	0.0001
Generalized Abdominal Pain	R1084grp	5	8,840	4 to 54	2,845	2461.73	1.23	28.41	0.0001
Disorders Of Vitreous Body	H43grp	3	36,824	1 to 21	4,712	4217.46	1.14	27.94	0.0001

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Astigmatism	H522grp	4	18,897	1 to 8	1,045	822.53	1.29	27.69	0.0001
Unspecified Abdominal Pain	R109grp	4	27,565	16 to 64	8,031	7384.79	1.12	27.51	0.0001
Unspecified Abdominal Pain	R109ngrp	5	27,565	16 to 64	8,031	7384.79	1.12	27.51	0.0001
Seborrheic Keratosis	L82grp	3	47,716	1 to 15	4,387	3913.99	1.13	27.51	0.0001
Open angle with borderline findings, low risk	H4001grp	5	9,810	1 to 14	959	747.98	1.31	27.31	0.0001
Other Melanin Hyperpigmentation	L814grp	4	26,291	1 to 7	1,228	988.45	1.26	26.93	0.0001
Other Melanin Hyperpigmentation	L814ngrp	5	26,291	1 to 7	1,228	988.45	1.26	26.93	0.0001
Dermatophytosis	B35grp	3	34,572	1 to 29	6,075	5521.5	1.12	26.88	0.0001
Prediabetes	R7303grp	5	8,870	28 to 35	575	416.74	1.41	26.84	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921grp	4	4,756	1 to 30	996	783.21	1.34	26.60	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921ngrp	5	4,756	1 to 30	996	783.21	1.34	26.60	0.0001
Cyst Of Kidney Acquired	N281ngrp	5	16,367	1 to 13	1,383	1129.27	1.25	26.59	0.0001
Cyst Of Kidney Acquired	N281grp	4	16,367	1 to 13	1,383	1129.27	1.25	26.59	0.0001
Chronic Kidney Disease Stage 3a	N1831grp	5	6,077	85 to 105	929	724.66	1.33	26.43	0.0001
Diverticular Disease Of Intestine	K57grp	3	47,906	36 to 79	12,098	11316.78	1.09	26.41	0.0001
Other Forms Of Angina Pectoris	I208ngrp	5	3,635	1 to 59	1,424	1167.61	1.36	26.29	0.0001
Other disorders of kidney and ureter, not elsewhere classified	N28grp	3	31,665	2 to 13	2,342	2008.84	1.18	26.22	0.0001
Other Disorders Of Veins	I87grp	3	17,610	4 to 24	2,361	2026.62	1.19	26.19	0.0001
Plantar Fascial Fibromatosis	M722grp	4	10,570	1 to 19	1,314	1069.97	1.26	25.93	0.0001
Plantar Fascial Fibromatosis	M722ngrp	5	10,570	1 to 19	1,314	1069.97	1.26	25.93	0.0001
Primary Insomnia	F5101grp	5	5,964	80 to 99	879	682.91	1.34	25.79	0.0001
Secondary Hypertension	I15grp	3	7,826	84 to 115	1,676	1400.7	1.25	25.44	0.0001
Epigastric Pain	R1013grp	5	11,439	18 to 71	3,804	3381.49	1.19	25.37	0.0001
Abnormal result of other cardiovascular function	R9439grp	5	5,583	1 to 58	2,075	1768.24	1.28	25.20	0.0001
Myopia Bilateral	H5213grp	5	11,977	1 to 23	1,782	1498.96	1.22	25.19	0.0001
Complications and ill-defined descriptions of heart disease	I51grp	3	29,408	3 to 18	2,894	2528.87	1.16	25.18	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101ngrp	5	5,163	135 to 180	1,536	1274.62	1.29	25.14	0.0001

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Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	5,163	135 to 180	1,536	1274.62	1.29	25.14	0.0001
Symptoms and signs concerning food and fluid intake	R63grp	3	24,853	24 to 98	10,975	10253.66	1.13	24.83	0.0001
Depression Unspecified	F32Angrp	5	18,388	119 to 183	7,120	6543.02	1.14	24.75	0.0001
Depression Unspecified	F32Agrp	4	18,388	119 to 183	7,120	6543.02	1.14	24.75	0.0001
Abnormal Serum Enzyme Levels	R74grp	3	21,332	86 to 108	3,113	2737.04	1.16	24.72	0.0001
Myopia	H521grp	4	14,111	1 to 23	2,069	1766.03	1.20	24.62	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	19,123	9 to 68	6,776	6215.23	1.14	24.59	0.0001
Testicular Dysfunction	E29grp	3	6,519	81 to 100	948	748.27	1.31	24.56	0.0001
Dense Breasts Unspecified	R9230grp	5	400	123 to 183	222	133.36	2.49	24.50	0.0001
Unspecified severe protein-calorie malnutrition	E43nnggrp	5	1,446	133 to 181	529	384.94	1.59	24.11	0.0001
Unspecified severe protein-calorie malnutrition	E43grp	3	1,446	133 to 181	529	384.94	1.59	24.11	0.0001
Unspecified severe protein-calorie malnutrition	E43ngrp	4	1,446	133 to 181	529	384.94	1.59	24.11	0.0001
Acute Up Respiratory Infection Uns	J069ngrp	5	41,825	128 to 179	12,425	11668.13	1.09	24.07	0.0001
Acute Up Respiratory Infection Uns	J069grp	4	41,825	128 to 179	12,425	11668.13	1.09	24.07	0.0001
Nonrheumatic tricuspid valve disorders	I36grp	3	9,997	1 to 19	1,240	1011.96	1.26	23.96	0.0001
Testicular Hypofunction	E291grp	4	6,402	81 to 100	930	734.84	1.31	23.89	0.0001
Testicular Hypofunction	E291ngrp	5	6,402	81 to 100	930	734.84	1.31	23.89	0.0001
Other hammer toe(s) (acquired), left foot	M2042grp	5	5,993	2 to 22	876	687.77	1.32	23.69	0.0001
Acute upper respiratory infections of multiple and unspecified sites	J06grp	3	42,206	128 to 179	12,528	11774.42	1.09	23.66	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	20,944	3 to 23	2,753	2407.98	1.17	23.62	0.0001
Pain localized to other parts of lower abdomen	R103grp	4	16,020	23 to 54	3,138	2769.32	1.17	23.53	0.0001
Other Hypertrophic Disorders Skin	L918grp	4	9,817	1 to 27	1,699	1432.95	1.22	23.30	0.0001
Other Hypertrophic Disorders Skin	L918ngrp	5	9,817	1 to 27	1,699	1432.95	1.22	23.30	0.0001
Enthesopathies, lower limb, excluding foot	M76grp	3	12,678	1 to 16	1,335	1101.21	1.24	23.23	0.0001
Other Disorders Of Pigmentation	L81grp	3	34,165	1 to 7	1,535	1284.49	1.21	22.98	0.0001
Acute Kidney Failure Unspecified	N179grp	4	27,300	3 to 54	8,329	7726.02	1.11	22.97	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	27,300	3 to 54	8,329	7726.02	1.11	22.97	0.0001
Other specified disorders of bone density and structure, other site	M8588grp	5	4,763	1 to 11	394	274.47	1.48	22.90	0.0001

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Pressure Ulcer	L89grp	3	5,046	145 to 182	1,288	1060.37	1.29	22.85	0.0001
Acute Kidney Failure	N17grp	3	29,787	3 to 54	9,056	8429.85	1.11	22.73	0.0001
Covid-19	U071ngrp	5	45,596	128 to 180	13,734	12960.77	1.09	22.66	0.0001
Covid-19	U071grp	4	45,596	128 to 180	13,734	12960.77	1.09	22.66	0.0001
Emergency Use Of U07	U07grp	3	45,645	128 to 180	13,746	12974.7	1.09	22.53	0.0001
Unilateral primary osteoarthritis, right knee	M1711grp	5	11,683	1 to 7	586	439.24	1.35	22.17	0.0001
Obstructive Sleep Apnea	G4733grp	5	25,018	7 to 57	7,612	7046.64	1.12	22.12	0.0001
Cortical Age-Related Cataract	H2501grp	5	4,528	1 to 22	707	544.8	1.35	22.05	0.0001
Headache	R51nnggrp	5	6,110	1 to 48	1,871	1599.43	1.24	21.86	0.0001
Headache	R51ngrp	4	6,110	1 to 48	1,871	1599.43	1.24	21.86	0.0001
Fibroblastic Disorders	M72grp	3	12,686	1 to 19	1,525	1284.16	1.21	21.30	0.0001
Insomnia not due to a substance or known physiological condition	F510grp	4	10,779	80 to 99	1,470	1234.26	1.22	21.21	0.0001
Abnormal Glucose	R730grp	4	17,990	27 to 33	896	715.09	1.27	21.17	0.0001
Sleep disorders not due to a substance or known physiological condition	F51grp	3	11,939	80 to 99	1,614	1367.08	1.21	21.07	0.0001
Hypertrophic Disorders Of Skin	L91grp	3	12,266	1 to 27	2,072	1790.43	1.19	21.07	0.0001
Hypersomnia	G471grp	4	3,195	1 to 66	1,373	1147.26	1.35	20.88	0.0001
Abnormal Electrocardiogram	R9431grp	5	38,307	3 to 26	5,421	4959.72	1.11	20.83	0.0001
Nonrheumatic Aortic Valve Disorders	I35grp	3	14,028	1 to 19	1,670	1420.01	1.20	20.82	0.0001
Background retinopathy and retinal vascular changes	H350grp	4	7,101	1 to 37	1,697	1445.76	1.23	20.67	0.0001
Respiratory Failure Nec	J96grp	3	14,725	121 to 181	5,294	4841.7	1.15	20.51	0.0001
Cardiomegaly	I517grp	4	20,642	1 to 19	2,389	2089.52	1.16	20.51	0.0001
Cardiomegaly	I517ngrp	5	20,642	1 to 19	2,389	2089.52	1.16	20.51	0.0001
Fever Unspecified	R509ngrp	5	23,425	114 to 180	9,031	8436.72	1.12	20.48	0.0001
Fever Unspecified	R509grp	4	23,425	114 to 180	9,031	8436.72	1.12	20.48	0.0001
Other Malaise And Fatigue	R538grp	4	49,181	84 to 105	6,726	6215.69	1.10	20.42	0.0001
Fever Of Other And Unknown Origin	R50grp	3	24,491	114 to 180	9,426	8820.65	1.11	20.34	0.0001
Other Fatigue	R5383grp	5	38,520	84 to 105	5,319	4868.31	1.11	20.26	0.0001
Venous insufficiency (chronic) (peripheral)	I872grp	4	12,740	4 to 30	2,195	1910.61	1.18	20.19	0.0001
Venous insufficiency (chronic) (peripheral)	I872ngrp	5	12,740	4 to 30	2,195	1910.61	1.18	20.19	0.0001
Nonrheumatic tricuspid (valve) insufficiency	I361grp	4	9,125	1 to 19	1,123	923.69	1.25	20.11	0.0001

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Nonrheumatic tricuspid (valve) insufficiency	I361ngrp	5	9,125	1 to 19	1,123	923.69	1.25	20.11	0.0001
Preglaucoma, Unspecified	H4000grp	5	3,451	2 to 49	1,106	908.33	1.32	20.10	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	16,376	9 to 85	7,392	6862.74	1.14	19.92	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	16,376	9 to 85	7,392	6862.74	1.14	19.92	0.0001
Other forms of acute ischemic heart disease	I2489grp	5	374	131 to 183	181	108.87	2.28	19.88	0.0001
Acute Posthemorrhagic Anemia	D62grp	3	8,077	99 to 179	3,905	3525.02	1.21	19.79	0.0001
Acute Posthemorrhagic Anemia	D62nnggrp	5	8,077	99 to 179	3,905	3525.02	1.21	19.79	0.0001
Acute Posthemorrhagic Anemia	D62ngrp	4	8,077	99 to 179	3,905	3525.02	1.21	19.79	0.0001
Other obesity due to excess calories	E6609grp	5	5,168	27 to 43	651	503.4	1.34	19.79	0.0001
Skin changes due to chronic exposure to nonionizing radiation	L57grp	3	35,888	1 to 8	1,815	1562.09	1.17	19.46	0.0002
Pneumonia Unspecified Organism	J18grp	3	17,987	128 to 180	5,565	5112.85	1.13	19.44	0.0002
Chronic Pain Nec	G892grp	4	38,036	80 to 99	4,772	4355.34	1.11	19.34	0.0002
Other Supraventricular Tachycardia	I4719grp	5	311	122 to 183	175	105.12	2.52	19.32	0.0002
Diverticular disease of large intestine without perforation or abscess	K573grp	4	38,899	31 to 79	10,925	10288.81	1.09	19.30	0.0002
Elevated Blood Glucose Level	R73grp	3	28,363	27 to 33	1,342	1127.41	1.20	19.24	0.0002
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	36,320	31 to 79	10,220	9606.66	1.09	19.20	0.0002
Other Chronic Pain	G8929grp	5	37,776	80 to 99	4,739	4325.57	1.11	19.17	0.0002
Hemorrhoids and perianal venous thrombosis	K64grp	3	38,174	36 to 81	9,972	9367.45	1.09	19.13	0.0002
Mammographic heterogeneous density of breast	R9233grp	5	516	134 to 183	220	140.96	1.98	18.89	0.0003
Acute Sinusitis	J01grp	3	37,821	105 to 183	17,097	16307.13	1.09	18.87	0.0004
Inflamed Seborrheic Keratosis	L820grp	4	15,787	1 to 23	2,255	1975.79	1.17	18.86	0.0004
Inflamed Seborrheic Keratosis	L820ngrp	5	15,787	1 to 23	2,255	1975.79	1.17	18.86	0.0004
Unstable Angina	I200ngrp	5	2,884	1 to 26	532	402.76	1.39	18.82	0.0004
Unstable Angina	I200grp	4	2,884	1 to 26	532	402.76	1.39	18.82	0.0004
Shortness Of Breath	R0602grp	5	36,716	1 to 19	4,095	3716.64	1.12	18.65	0.0004
Acute Pharyngitis	J02grp	3	32,803	100 to 173	13,710	13009.52	1.09	18.56	0.0004
Other Anemias	D64grp	3	33,534	147 to 183	7,398	6888.94	1.10	18.38	0.0004
Pain Limb Hand Foot Fingers & Toes	M796grp	4	61,882	1 to 7	2,625	2326.55	1.14	18.38	0.0004
Anxiety Disorder Unspecified	F419ngrp	5	30,169	88 to 177	15,599	14855.32	1.10	18.35	0.0004

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Anxiety Disorder Unspecified	F419grp	4	30,169	88 to 177	15,599	14855.32	1.10	18.35	0.0004
Other Enthesopathies	M77grp	3	20,569	1 to 27	3,340	3002.39	1.13	18.32	0.0004
Disorder of the skin and subcutaneous tissue, unspecified	L989grp	5	10,382	81 to 104	1,635	1402.72	1.20	18.25	0.0005
Disorder of the skin and subcutaneous tissue, unspecified	L989grp	4	10,382	81 to 104	1,635	1402.72	1.20	18.25	0.0005
Other Spondylopathies	M48grp	3	34,888	1 to 23	4,770	4366.34	1.11	18.12	0.0006
Regular Astigmatism	H5222grp	5	11,722	1 to 8	652	510.22	1.29	18.09	0.0006
Primary Osteoarthritis Other Joints	M190grp	4	31,114	1 to 8	1,581	1354.29	1.18	18.00	0.0006
Type 1 Diabetes Mellitus	E10grp	3	11,778	1 to 13	989	812.65	1.24	17.89	0.0007
Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction	I65grp	3	19,513	1 to 16	1,947	1694.9	1.17	17.89	0.0007
Chest Pain Unspecified	R079grp	4	32,500	1 to 32	6,118	5662.7	1.10	17.85	0.0008
Chest Pain Unspecified	R079ngrp	5	32,500	1 to 32	6,118	5662.7	1.10	17.85	0.0008
Major depressive disorder, recurrent	F33grp	3	22,069	84 to 106	3,244	2916.52	1.13	17.74	0.0009
Insomnia	G470grp	4	15,171	79 to 98	1,971	1718.58	1.17	17.70	0.0009
Hypertensive Retinopathy	H3503grp	5	5,316	1 to 38	1,310	1106.47	1.24	17.67	0.001
Anemia Unspecified	D649grp	4	32,484	147 to 183	7,164	6673.24	1.09	17.64	0.001
Anemia Unspecified	D649ngrp	5	32,484	147 to 183	7,164	6673.24	1.09	17.64	0.001
Disloc Sprain Joint Ligaments Knee	S83grp	3	8,912	1 to 14	840	679.51	1.26	17.62	0.001
Abnormal Posture	R293grp	4	2,674	1 to 8	186	116.39	1.64	17.59	0.001
Abnormal Posture	R293ngrp	5	2,674	1 to 8	186	116.39	1.64	17.59	0.001
Pain In Foot And Toes	M7967grp	5	27,877	1 to 15	2,574	2286.66	1.14	17.35	0.0012
Other specified disorders of bone density and structure, multiple sites	M8589grp	5	6,089	1 to 30	1,194	1002.72	1.24	17.19	0.0014
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129grp	4	28,235	73 to 104	5,419	4999.1	1.10	17.17	0.0014
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129ngrp	5	28,235	73 to 104	5,419	4999.1	1.10	17.17	0.0014
Hypersomnia Unspecified	G4710grp	5	1,984	1 to 61	812	656.44	1.40	17.13	0.0014

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Sensorineural Hear Loss Bilateral	H903grp	4	14,817	5 to 23	1,806	1568.61	1.17	17.12	0.0014
Sensorineural Hear Loss Bilateral	H903ngrp	5	14,817	5 to 23	1,806	1568.61	1.17	17.12	0.0014
Pulmonary Edema	J81grp	3	6,374	107 to 183	2,974	2666.29	1.22	17.12	0.0014
Occlusion & Stenosis Carotid Artery	I652grp	4	18,484	1 to 16	1,845	1605.53	1.17	17.04	0.0014
Pneumonia Unspecified Organism	J189grp	4	15,180	129 to 181	4,733	4343.69	1.13	16.96	0.0016
Pneumonia Unspecified Organism	J189ngrp	5	15,180	129 to 181	4,733	4343.69	1.13	16.96	0.0016
Atherosclerosis of native arteries of the extremities	I702grp	4	10,450	1 to 22	1,469	1257.33	1.20	16.90	0.0017
Poisoning by, adverse effect of and underdosing of antineoplastic and immunosuppressive drugs	T451Xgrp	5	1,648	119 to 182	721	576.12	1.45	16.86	0.0018
Poisoning by, adverse effect of and underdosing of antineoplastic and immunosuppressive drugs	T451grp	4	1,648	119 to 182	721	576.12	1.45	16.86	0.0018
Vasomotor And Allergic Rhinitis	J30grp	3	36,650	80 to 99	4,577	4196.64	1.10	16.75	0.002
Other abnormal findings of blood chemistry	R79grp	3	40,489	80 to 105	6,393	5941.53	1.09	16.75	0.002
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51grp	3	40,924	1 to 10	2,443	2168.56	1.14	16.68	0.0021
Other Disorders Of Eyelid	H02grp	3	18,409	1 to 22	2,492	2214.94	1.15	16.65	0.0021
Pure Hyperglyceridemia	E781ngrp	5	1,581	80 to 99	264	181.03	1.55	16.63	0.0021
Pure Hyperglyceridemia	E781grp	4	1,581	80 to 99	264	181.03	1.55	16.63	0.0021
Spinal Stenosis	M480grp	4	32,750	1 to 24	4,631	4250.7	1.10	16.54	0.0025
Calculus of gallbladder without cholecystitis without obstruction	K8020grp	5	10,921	2 to 32	2,094	1842.16	1.17	16.48	0.0031
Calculus of gallbladder without cholecystitis	K802grp	4	11,005	2 to 32	2,109	1856.33	1.17	16.47	0.0032
Other Chest Pain	R0789grp	5	23,678	1 to 26	3,642	3306.72	1.12	16.46	0.0033
Abnormal Levels Other Serum Enzymes	R748ngrp	5	13,003	87 to 109	1,903	1663.62	1.17	16.45	0.0034
Abnormal Levels Other Serum Enzymes	R748grp	4	13,003	87 to 109	1,903	1663.62	1.17	16.45	0.0034
Unspecified Lump In Breast	N63grp	3	12,153	1 to 21	1,611	1391.89	1.18	16.41	0.0034
Type 2 diabetes mellitus with other specified complication	E1169grp	5	1,020	1 to 90	632	498.88	1.70	16.36	0.0035
Chronic kidney disease, stage 3 unspecified	N1830grp	5	5,314	84 to 105	825	671.6	1.27	16.32	0.0037
Hypertensive Chronic Kidney Disease	I12grp	3	29,248	83 to 104	4,020	3669.08	1.11	16.28	0.0043
Polyp Of Colon	K635grp	4	26,365	35 to 83	7,437	6956.34	1.10	16.25	0.0043
Polyp Of Colon	K635ngrp	5	26,365	35 to 83	7,437	6956.34	1.10	16.25	0.0043

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Depressive Episode	F32grp	3	42,689	119 to 183	15,895	15190.06	1.07	16.14	0.0049
Pain Not Elsewhere Classified	G89grp	3	57,978	89 to 179	29,788	28820.4	1.07	16.13	0.0049
Weakness	R531ngrp	5	19,167	9 to 27	2,220	1963.46	1.15	16.08	0.0049
Weakness	R531grp	4	19,167	9 to 27	2,220	1963.46	1.15	16.08	0.0049
Ascites	R18grp	3	2,769	128 to 183	1,014	844.05	1.32	16.07	0.0049
Pleural effusion in conditions classified elsewhere	J91grp	3	896	142 to 182	286	200.74	1.62	15.98	0.0053
Flatulence And Related Conditions	R14grp	3	15,655	35 to 52	1,759	1532.58	1.17	15.96	0.0053
Non-pressure chronic ulcer of lower limb, not elsewhere classified	L97grp	3	11,045	1 to 14	1,011	842.14	1.22	15.90	0.0057
Chronic Ischemic Heart Disease	I25grp	3	36,430	2 to 53	10,873	10296.11	1.08	15.89	0.0057
Other symptoms and signs involving cognitive functions and awareness	R41grp	3	23,632	141 to 183	6,004	5578.23	1.10	15.86	0.0058
Cardiac Arrest	I46grp	3	676	143 to 183	227	152.46	1.74	15.82	0.0062
Other Ascites	R188grp	4	2,717	128 to 183	995	828.2	1.32	15.77	0.0063
Other Ascites	R188ngrp	5	2,717	128 to 183	995	828.2	1.32	15.77	0.0063
Other Diseases Of Intestine	K63grp	3	36,432	36 to 79	9,130	8606.29	1.08	15.64	0.0073
Hyperkalemia	E875grp	4	7,814	1 to 13	674	539.14	1.27	15.61	0.0076
Hyperkalemia	E875ngrp	5	7,814	1 to 13	674	539.14	1.27	15.61	0.0076
Toxic Encephalopathy	G92grp	3	2,338	142 to 183	673	538.39	1.35	15.58	0.0079
Type 1 diabetes mellitus with ketoacidosis	E101grp	4	420	5 to 19	72	34.41	2.32	15.56	0.008
Shock Not Elsewhere Classified	R57grp	3	2,376	143 to 183	670	535.87	1.35	15.54	0.0082
Edema Not Elsewhere Classified	R60grp	3	37,445	1 to 8	1,860	1629.86	1.15	15.54	0.0082
Anorexia	R630ngrp	5	3,319	19 to 78	1,278	1089.53	1.28	15.44	0.0091
Anorexia	R630grp	4	3,319	19 to 78	1,278	1089.53	1.28	15.44	0.0091
Generalized Anxiety Disorder	F411grp	4	10,198	90 to 134	2,836	2550.46	1.16	15.42	0.0092
Generalized Anxiety Disorder	F411ngrp	5	10,198	90 to 134	2,836	2550.46	1.16	15.42	0.0092
Other & Unspecified Encephalopathy	G934grp	4	6,992	142 to 183	1,838	1610.1	1.19	15.42	0.0092
Nontoxic Multinodular Goiter	E042ngrp	5	4,132	1 to 21	599	473.24	1.31	15.40	0.0092
Nontoxic Multinodular Goiter	E042grp	4	4,132	1 to 21	599	473.24	1.31	15.40	0.0092
Abnormal Results Liver Function Stdy	R945grp	4	6,248	1 to 17	709	571.72	1.27	15.30	0.01
Abnormal Results Liver Function Stdy	R945ngrp	5	6,248	1 to 17	709	571.72	1.27	15.30	0.01
Tear Of Meniscus Current Injury	S832grp	4	5,218	1 to 22	771	627.82	1.27	15.21	0.0107

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Functional Dyspepsia	K30nnggrp	5	4,973	29 to 70	1,323	1132.46	1.23	15.20	0.0107
Functional Dyspepsia	K30grp	3	4,973	29 to 70	1,323	1132.46	1.23	15.20	0.0107
Functional Dyspepsia	K30nggrp	4	4,973	29 to 70	1,323	1132.46	1.23	15.20	0.0107
Acute Respiratory Failure	J960grp	4	9,635	114 to 183	4,007	3668.33	1.16	15.18	0.0108
Unspecified Eustachian tube disorder	H699grp	4	2,637	97 to 182	1,437	1239.12	1.35	15.02	0.0123
Viral Warts	B07grp	3	9,045	1 to 19	1,086	915.6	1.21	14.96	0.0126
Type 1 diabetes mellitus with ketoacidosis without coma	E1010grp	5	403	5 to 19	69	33.02	2.31	14.87	0.0142
Poisoning by, adverse effect of and underdosing of primarily systemic and hematological agents, not elsewhere classified	T45grp	3	2,924	115 to 182	1,265	1081.24	1.30	14.80	0.0149
Nontoxic Single Thyroid Nodule	E041grp	4	6,640	2 to 14	592	469.38	1.29	14.78	0.0152
Nontoxic Single Thyroid Nodule	E041nggrp	5	6,640	2 to 14	592	469.38	1.29	14.78	0.0152
Protein-calorie malnutrition of moderate and mild degree	E44grp	3	2,062	104 to 179	1,010	848.42	1.37	14.49	0.0208
Other Specified Disorders Of Breast	N6489grp	5	6,117	1 to 38	1,470	1273.19	1.20	14.49	0.021
Other Vitreous Opacities	H433grp	4	10,001	1 to 21	1,332	1145.42	1.19	14.44	0.0222
Acute Sinusitis Unspecified	J019grp	4	19,459	128 to 178	5,730	5335.19	1.11	14.27	0.0265
Other Disorders Of Peritoneum	K66grp	3	2,952	106 to 159	1,011	850.57	1.29	14.26	0.0269
Other specified diabetes mellitus with ketoacidosis	E131grp	4	436	2 to 12	56	24.93	2.43	14.25	0.0274
Heartburn	R12nnggrp	5	7,739	20 to 85	3,083	2796.67	1.17	14.19	0.0292
Heartburn	R12grp	3	7,739	20 to 85	3,083	2796.67	1.17	14.19	0.0292
Heartburn	R12nggrp	4	7,739	20 to 85	3,083	2796.67	1.17	14.19	0.0292
Other Chest Pain	R078grp	4	28,874	1 to 26	4,375	4032.36	1.10	14.17	0.03
Oth Spec Enthesopath L Limb No Foot	M768grp	4	3,806	1 to 19	494	385.27	1.32	14.08	0.0332
Purpura & Oth Hemorrhagic Condition	D69grp	3	12,138	104 to 183	5,699	5308.01	1.14	14.07	0.0337
Hallux Valgus Acquired	M201grp	4	4,949	1 to 9	326	239.38	1.39	14.06	0.0338
Vitreous Degeneration	H4381grp	5	22,536	1 to 27	3,598	3289.5	1.11	14.04	0.0342
Orthostatic Hypotension	I951grp	4	6,305	51 to 76	1,026	865.62	1.22	14.02	0.0348
Orthostatic Hypotension	I951nggrp	5	6,305	51 to 76	1,026	865.62	1.22	14.02	0.0348
Pain In Joint	M255grp	4	82,675	80 to 99	9,986	9466.76	1.06	14.00	0.0354
Acute Sinusitis Unspecified	J0190grp	5	19,095	128 to 178	5,622	5235.39	1.10	13.95	0.0375

Table 3c. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other Sepsis	A41grp	3	14,984	127 to 183	5,019	4654.92	1.12	13.89	0.0399
Gastritis And Duodenitis	K29grp	3	29,480	32 to 116	14,289	13669.11	1.09	13.87	0.0404
Adult Failure To Thrive	R627ngrp	5	1,162	136 to 183	402	305.43	1.48	13.87	0.0405
Adult Failure To Thrive	R627grp	4	1,162	136 to 183	402	305.43	1.48	13.87	0.0405
Unspecified protein-calorie malnutrition	E46grp	3	1,889	130 to 180	644	519.68	1.36	13.81	0.0436
Unspecified protein-calorie malnutrition	E46ngrp	4	1,889	130 to 180	644	519.68	1.36	13.81	0.0436
Unspecified protein-calorie malnutrition	E46nngp	5	1,889	130 to 180	644	519.68	1.36	13.81	0.0436
Other Disorders Of Vitreous Body	H438grp	4	24,199	1 to 27	3,849	3532.24	1.11	13.80	0.0438
Cardiac murmurs and other cardiac sounds	R01grp	3	9,134	3 to 11	547	433.37	1.28	13.74	0.0469

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

Table 3d. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Wegovy on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	284	1 to 14	82	22.06	4.91	47.77	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	305	1 to 14	84	23.69	4.60	46.06	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	1,316	1 to 6	120	44.23	3.04	44.06	0.0001
Nausea With Vomiting Unspecified	R112grp	4	1,316	1 to 6	120	44.23	3.04	44.06	0.0001
Nausea And Vomiting	R11grp	3	2,147	1 to 6	158	72.16	2.42	38.06	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	178	1 to 15	56	14.74	5.14	33.50	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	60	1 to 11	23	3.78	9.30	22.31	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	60	1 to 11	23	3.78	9.30	22.31	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	88	1 to 3	15	1.59	11.32	20.22	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	106	1 to 6	19	3.56	6.34	16.37	0.0001
Vomiting	R111grp	4	261	21 to 25	22	6.28	3.79	11.86	0.021
Inpatient, Emergency Department, or Outpatient Setting									
Overweight And Obesity	E66grp	3	9,018	20 to 37	1,675	950.9	1.96	224.72	0.0001
Obesity Unspecified	E669grp	4	4,379	20 to 37	846	461.74	2.05	128.15	0.0001
Obesity Unspecified	E669ngrp	5	4,379	20 to 37	846	461.74	2.05	128.15	0.0001
Obesity Due To Excess Calories	E660grp	4	3,167	20 to 37	582	333.94	1.92	75.30	0.0001
Morbid (severe) obesity due to excess calories	E6601grp	5	2,200	20 to 31	316	156.28	2.20	62.80	0.0001
Nausea	R110grp	4	4,324	21 to 92	2,136	1726.39	1.47	45.31	0.0001
Nausea	R110ngrp	5	4,324	21 to 92	2,136	1726.39	1.47	45.31	0.0001
Nausea With Vomiting Unspecified	R112grp	4	3,105	2 to 5	147	59.79	2.55	45.04	0.0001

Table 3d. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Wegovy on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Nausea With Vomiting Unspecified	R112ngrp	5	3,105	2 to 5	147	59.79	2.55	45.04	0.0001
Abnormal Weight Gain	R635grp	4	2,081	20 to 39	388	239.25	1.77	38.87	0.0001
Abnormal Weight Gain	R635ngrp	5	2,081	20 to 39	388	239.25	1.77	38.87	0.0001
Symptoms and signs concerning food and fluid intake	R63grp	3	3,701	20 to 38	592	408.07	1.54	36.37	0.0001
Mammographic density found on imaging of breast	R923grp	4	490	106 to 183	334	207.59	2.92	32.45	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	886	1 to 12	125	55.16	2.48	32.43	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	821	1 to 12	118	51.11	2.53	31.85	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	267	1 to 15	68	21.58	3.89	31.63	0.0001
Constipation	K590grp	4	4,360	20 to 96	2,195	1852.56	1.38	29.97	0.0001
Other functional intestinal disorders	K59grp	3	4,516	20 to 96	2,267	1918.84	1.37	29.95	0.0001
Other Specified Metabolic Disorders	E888grp	4	1,607	23 to 42	294	182.21	1.75	28.88	0
Metabolic syndrome and other insulin resistance	E8881grp	5	1,564	23 to 42	286	177.34	1.75	28.04	0.0001
Nausea And Vomiting	R11grp	3	8,122	1 to 90	4,473	3996.68	1.27	27.54	0.0001
Other and unspecified metabolic disorders	E88grp	3	1,822	23 to 42	320	206.59	1.67	26.63	0.0001
Overweight	E663grp	4	1,176	22 to 30	125	61.74	2.15	24.91	0.0001
Overweight	E663ngrp	5	1,176	22 to 30	125	61.74	2.15	24.91	0.0001
Constipation Unspecified	K5900grp	5	2,804	16 to 96	1,493	1244.15	1.43	23.44	0.0001
Other obesity due to excess calories	E6609grp	5	967	15 to 40	225	139.62	1.80	21.99	0.0001
Emergency Use Of U07	U07grp	3	4,889	102 to 173	2,185	1892.08	1.28	21.67	0.0001
Covid-19	U071ngrp	5	4,886	102 to 173	2,183	1890.92	1.28	21.56	0.0001
Covid-19	U071grp	4	4,886	102 to 173	2,183	1890.92	1.28	21.56	0.0001
Other Nonscarring Hair Loss	L65grp	3	1,080	119 to 183	514	383.7	1.65	19.99	0.0001
Cough	R05ngrp	4	56	3 to 61	51	18.09	21.38	19.95	0.0001
Cough	R05nngpr	5	56	3 to 61	51	18.09	21.38	19.95	0.0001
Nonscarring Hair Loss Unspecified	L659ngrp	5	870	139 to 183	314	216.81	1.70	19.12	0.0002
Nonscarring Hair Loss Unspecified	L659grp	4	870	139 to 183	314	216.81	1.70	19.12	0.0002

Table 3d. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Wegovy on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	83	1 to 3	13	1.25	12.13	18.66	0.0002
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	83	1 to 3	13	1.25	12.13	18.66	0.0002
Other Obesity	E668grp	4	261	27 to 34	39	12.5	3.50	17.88	0.0002
Other Obesity	E668ngrp	5	261	27 to 34	39	12.5	3.50	17.88	0.0002
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	136	1 to 3	15	2.05	8.10	16.88	0.0006
Hypersomnia	G471grp	4	480	1 to 23	107	59.4	2.03	15.38	0.0021
Drug Induced Constipation	K5903grp	5	413	22 to 89	225	153.82	2.02	14.39	0.0065
Mammographic heterogeneous density of breast	R9233grp	5	127	136 to 183	69	33.49	3.32	14.37	0.0067
Prediabetes	R7303grp	5	2,357	24 to 34	219	149.65	1.51	14.04	0.0096
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	711	117 to 183	350	260.65	1.68	13.82	0.0117
Influenza due to other identified influenza virus with other respiratory manifestations	J101ngrp	5	711	117 to 183	350	260.65	1.68	13.82	0.0117
Abnormal Glucose	R730grp	4	3,919	22 to 29	262	186.02	1.44	13.76	0.0125
Elevated Blood Glucose Level	R73grp	3	4,732	22 to 29	307	224.6	1.40	13.55	0.0165
Mammographic fibroglandular density of breast	R9232grp	5	211	146 to 183	83	44.61	2.42	13.15	0.0257

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
Nausea And Vomiting	R11grp	3	19,022	2 to 46	5,886	4596.42	1.41	166.70	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	10,117	2 to 35	2,519	1844.73	1.49	110.66	0.0001
Nausea With Vomiting Unspecified	R112grp	4	10,117	2 to 35	2,519	1844.73	1.49	110.66	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	1,817	1 to 19	362	180.98	2.25	69.95	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	2,998	1 to 17	466	266.84	1.89	60.67	0.0001
Abdominal And Pelvic Pain	R10grp	3	19,116	4 to 52	5,838	5055.96	1.23	57.83	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	779	1 to 35	292	145.24	2.62	57.17	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	1,642	2 to 19	300	156.81	2.12	51.45	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	1,642	2 to 19	300	156.81	2.12	51.45	0.0001
Diarrhea Unspecified	R197ngrp	5	8,760	6 to 64	3,349	2797.58	1.32	51.21	0.0001
Diarrhea Unspecified	R197grp	4	8,760	6 to 64	3,349	2797.58	1.32	51.21	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	3,371	2 to 19	498	321.92	1.64	41.21	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	10,198	6 to 64	3,784	3256.82	1.26	40.65	0.0001
Volume Depletion	E86grp	3	15,896	4 to 45	4,158	3610.74	1.21	39.64	0.0001
Nausea	R110ngrp	5	5,756	1 to 60	2,225	1844.95	1.34	36.76	0.0001
Nausea	R110grp	4	5,756	1 to 60	2,225	1844.95	1.34	36.76	0.0001
Dehydration	E860ngrp	5	12,557	3 to 38	2,857	2431.44	1.23	35.31	0.0001
Dehydration	E860grp	4	12,557	3 to 38	2,857	2431.44	1.23	35.31	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	914	2 to 15	139	67.76	2.24	28.63	0.0001

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Vomiting	R111grp	4	3,149	2 to 17	397	267.34	1.56	27.33	0.0001
Vomiting Unspecified	R1110grp	5	2,840	2 to 22	454	318.88	1.51	25.28	0.0001
Acute Kidney Failure Unspecified	N179grp	4	17,836	3 to 36	3,654	3270.39	1.15	21.73	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	17,836	3 to 36	3,654	3270.39	1.15	21.73	0.0001
Pain Localized To Upper Abdomen	R101grp	4	4,554	4 to 41	1,144	935.82	1.30	21.63	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	6,212	9 to 67	2,269	1974.57	1.24	20.97	0.0001
Unspecified Abdominal Pain	R109ngrp	5	6,886	1 to 52	2,201	1913.81	1.22	20.58	0.0001
Unspecified Abdominal Pain	R109grp	4	6,886	1 to 52	2,201	1913.81	1.22	20.58	0.0001
Acute Kidney Failure	N17grp	3	19,655	1 to 37	4,273	3871.59	1.13	20.19	0.0001
Pain In Throat And Chest	R07grp	3	21,216	1 to 32	3,987	3602.5	1.13	19.89	0.0001
Pleural effusion, not elsewhere classified	J90grp	3	6,450	127 to 183	2,377	2093.14	1.22	18.46	0.0003
Pleural effusion, not elsewhere classified	J90ngrp	5	6,450	127 to 183	2,377	2093.14	1.22	18.46	0.0003
Pleural effusion, not elsewhere classified	J90ngrp	4	6,450	127 to 183	2,377	2093.14	1.22	18.46	0.0003
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	5,482	9 to 67	1,995	1742.53	1.23	17.49	0.0003
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	5,482	9 to 67	1,995	1742.53	1.23	17.49	0.0003
Other forms of acute ischemic heart disease	I2489grp	5	319	124 to 183	174	108.78	2.32	16.51	0.0008
Other functional intestinal disorders	K59grp	3	9,525	9 to 78	3,933	3593.77	1.16	15.58	0.0025
Other specified diabetes mellitus with ketoacidosis without coma	E1310grp	5	293	3 to 6	24	5.93	4.32	15.49	0.0026
Unspecified severe protein-calorie malnutrition	E43grp	3	1,172	133 to 183	450	342.18	1.51	15.44	0.0027
Unspecified severe protein-calorie malnutrition	E43ngrp	5	1,172	133 to 183	450	342.18	1.51	15.44	0.0027
Unspecified severe protein-calorie malnutrition	E43ngrp	4	1,172	133 to 183	450	342.18	1.51	15.44	0.0027
Dizziness And Giddiness	R42ngrp	5	10,530	1 to 63	3,886	3552.1	1.15	15.27	0.003
Dizziness And Giddiness	R42ngrp	4	10,530	1 to 63	3,886	3552.1	1.15	15.27	0.003
Dizziness And Giddiness	R42grp	3	10,530	1 to 63	3,886	3552.1	1.15	15.27	0.003
Other Abdominal Pain	R108grp	4	2,749	6 to 20	313	225.37	1.44	15.18	0.0032
Acidosis	E872ngrp	5	2,865	1 to 64	1,159	981.56	1.30	15.16	0.0034
Other specified diabetes mellitus with ketoacidosis	E131grp	4	302	3 to 6	24	6.11	4.18	14.95	0.0044
Epigastric Pain	R1013grp	5	2,177	1 to 43	627	500.66	1.36	14.75	0.0053
Constipation	K590grp	4	9,108	9 to 79	3,808	3483.99	1.16	14.66	0.0064
Fatty (change of) liver, not elsewhere classified	K760grp	4	4,863	1 to 74	2,165	1922.96	1.23	14.65	0.0064

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	4,863	1 to 74	2,165	1922.96	1.23	14.65	0.0064
Constipation Unspecified	K5900grp	5	7,956	9 to 79	3,345	3043.33	1.17	14.52	0.0081
Generalized Abdominal Pain	R1084grp	5	2,320	6 to 20	269	190.2	1.47	14.45	0.0087
Cardiac Arrest	I46grp	3	449	143 to 182	162	103.29	1.89	14.20	0.0118
Pain localized to other parts of lower abdomen	R103grp	4	3,994	10 to 54	1,141	972.42	1.24	13.85	0.0165
Malaise And Fatigue	R53grp	3	12,650	8 to 56	3,668	3361.84	1.13	13.57	0.0232
Unspecified adverse effect of drug or medicament	T887Xgrp	5	197	1 to 26	58	27.13	2.61	13.20	0.0358
Unspecified adverse effect of drug or medicament	T887grp	4	197	1 to 26	58	27.13	2.61	13.20	0.0358
Gastroparesis	K3184grp	5	1,172	3 to 61	475	371.78	1.47	13.16	0.0376
Inpatient, Emergency Department, or Outpatient Setting									
Nausea And Vomiting	R11grp	3	53,157	3 to 61	20,598	16998.28	1.35	357.89	0.0001
Nausea	R110grp	4	24,499	10 to 64	9,193	7365.26	1.40	210.34	0.0001
Nausea	R110ngrp	5	24,499	10 to 64	9,193	7365.26	1.40	210.34	0.0001
Age-Related Cataract	H25grp	3	56,135	1 to 22	8,207	6741.76	1.26	148.99	0.0001
Nausea With Vomiting Unspecified	R112grp	4	21,399	3 to 59	8,080	6637.51	1.35	146.66	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	21,399	3 to 59	8,080	6637.51	1.35	146.66	0.0001
Vitamin D Deficiency	E55grp	3	36,759	81 to 100	5,387	4227.08	1.32	146.42	0.0001
Vitamin D Deficiency Unspecified	E559grp	4	36,739	81 to 100	5,384	4224.78	1.32	146.32	0.0001
Vitamin D Deficiency Unspecified	E559ngrp	5	36,739	81 to 100	5,384	4224.78	1.32	146.32	0.0001
Disorders of lipoprotein metabolism and other lipidemias	E78grp	3	34,777	81 to 100	5,024	3999.16	1.30	121.44	0.0001
Disorders Refraction Accommodation	H52grp	3	58,605	1 to 29	10,851	9334.07	1.20	117.28	0.0001
Fatty (change of) liver, not elsewhere classified	K760grp	4	24,900	1 to 30	5,031	4088.98	1.29	101.10	0.0001
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	24,900	1 to 30	5,031	4088.98	1.29	101.10	0.0001
Other Diseases Of Liver	K76grp	3	31,594	1 to 26	5,355	4403.86	1.26	96.10	0.0001
Abdominal And Pelvic Pain	R10grp	3	66,602	16 to 54	15,612	14008.19	1.15	88.71	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	4,878	3 to 51	1,798	1308.03	1.59	82.09	0.0001
Age-Related Nuclear Cataract	H251grp	4	33,853	1 to 29	6,359	5391.8	1.22	82.06	0.0001
Mammographic density found on imaging of breast	R923grp	4	1,909	115 to 183	1,081	719.52	2.16	78.56	0.0001
Age-related nuclear cataract, bilateral	H2513grp	5	30,384	1 to 35	6,813	5843.26	1.22	76.43	0.0001

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Constipation	K590grp	4	38,034	27 to 98	16,651	15113.85	1.18	75.85	0.0001
Other functional intestinal disorders	K59grp	3	39,695	25 to 98	17,738	16165	1.18	74.38	0.0001
Overweight And Obesity	E66grp	3	61,076	80 to 99	8,021	7008.14	1.17	69.99	0.0001
Diarrhea Unspecified	R197ngrp	5	29,511	24 to 75	9,343	8255.56	1.19	68.77	0.0001
Diarrhea Unspecified	R197grp	4	29,511	24 to 75	9,343	8255.56	1.19	68.77	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	6,541	2 to 60	2,632	2088.62	1.44	65.27	0.0001
Hyperlipidemia Unspecified	E785grp	4	19,837	83 to 103	2,926	2371.31	1.28	60.36	0.0001
Hyperlipidemia Unspecified	E785ngrp	5	19,837	83 to 103	2,926	2371.31	1.28	60.36	0.0001
Constipation Unspecified	K5900grp	5	27,287	24 to 98	12,399	11238.52	1.19	58.07	0.0001
Obesity Due To Excess Calories	E660grp	4	22,527	82 to 105	3,725	3106.48	1.24	57.89	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	2,481	2 to 19	419	237.23	1.92	56.58	0
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	2,481	2 to 19	419	237.23	1.92	56.58	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	44,155	18 to 78	15,942	14653.67	1.14	55.19	0.0001
Proteinuria Unspecified	R809ngrp	5	13,331	84 to 105	2,139	1689.67	1.32	55.07	0.0001
Proteinuria Unspecified	R809grp	4	13,331	84 to 105	2,139	1689.67	1.32	55.07	0.0001
Proteinuria	R80grp	3	15,211	84 to 105	2,403	1927.95	1.29	54.25	0.0001
Hepatomegaly and splenomegaly, not elsewhere classified	R16grp	3	10,077	1 to 27	1,882	1467.91	1.35	53.59	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	1,213	4 to 19	226	104.97	2.42	52.28	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	3,529	3 to 55	1,359	1017.02	1.55	51.97	0.0001
Hepatomegaly, not elsewhere classified	R160ngrp	5	6,108	1 to 25	1,128	819.92	1.46	51.75	0.0001
Hepatomegaly, not elsewhere classified	R160grp	4	6,108	1 to 25	1,128	819.92	1.46	51.75	0.0001
Mixed Hyperlipidemia	E782ngrp	5	8,246	81 to 100	1,271	948.24	1.40	49.59	0.0001
Mixed Hyperlipidemia	E782grp	4	8,246	81 to 100	1,271	948.24	1.40	49.59	0.0001

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Mammographic fibroglandular density of breast	R9232grp	5	1,079	115 to 183	621	406.69	2.24	48.55	0.0001
Glaucoma Suspect	H400grp	4	18,659	1 to 36	4,301	3697.57	1.21	46.79	0.0001
Glaucoma	H40grp	3	22,826	1 to 36	5,189	4523.33	1.19	46.78	0.0001
Other Hypothyroidism	E03grp	3	14,707	78 to 98	2,169	1753.33	1.28	45.80	0.0001
Hypermetropia	H520grp	4	11,247	1 to 30	2,272	1846.94	1.29	45.56	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	4,758	2 to 19	673	454.95	1.56	45.47	0.0001
Morbid (severe) obesity due to excess calories	E6601grp	5	18,645	82 to 105	3,069	2571.15	1.23	45.38	0.0001
Osteoarthritis Of Knee	M17grp	3	29,239	1 to 7	1,414	1094.25	1.31	42.74	0.0001
Gastro-Esophageal Reflux Disease	K21grp	3	59,957	41 to 99	20,809	19515.61	1.10	42.09	0.0001
Ckd Stage 3 Moderate	N183grp	4	14,352	85 to 105	2,109	1716.84	1.27	41.74	0.0001
Vomiting Unspecified	R1110grp	5	6,316	3 to 48	1,960	1584.25	1.34	41.42	0.0001
Hypercalcemia	E8352grp	5	6,810	83 to 103	1,087	814.07	1.40	41.36	0.0001
Chronic Kidney Disease	N18grp	3	27,252	83 to 105	4,179	3620.02	1.18	41.12	0.0001
Age-Related Incipient Cataract	H250grp	4	6,307	1 to 22	1,019	757.46	1.41	40.71	0.0001
Hypothyroidism Unspecified	E039ngrp	5	13,036	76 to 98	2,110	1722.29	1.27	40.70	0.0001
Hypothyroidism Unspecified	E039grp	4	13,036	76 to 98	2,110	1722.29	1.27	40.70	0.0001
Gerd Without Esophagitis	K219ngrp	5	55,159	41 to 99	19,168	17953.89	1.10	40.28	0.0001
Gerd Without Esophagitis	K219grp	4	55,159	41 to 99	19,168	17953.89	1.10	40.28	0.0001
Volume Depletion	E86grp	3	21,193	8 to 33	3,497	2997.86	1.20	39.44	0.0001
Deficiency Other B Group Vitamins	E53grp	3	15,936	82 to 105	2,626	2197.58	1.23	39.30	0.0001
Acquired Deformities Fingers & Toes	M20grp	3	15,159	1 to 22	2,210	1820.58	1.25	38.97	0.0001
Abnormal Results Function Studies	R94grp	3	49,866	1 to 18	5,413	4789.57	1.15	38.95	0.0001
Deficiency Spec B Group Vitamins	E538ngrp	5	14,640	81 to 100	2,057	1683.52	1.26	38.68	0.0001
Deficiency Spec B Group Vitamins	E538grp	4	14,640	81 to 100	2,057	1683.52	1.26	38.68	0.0001
Vomiting	R111grp	4	7,259	3 to 48	2,208	1820.78	1.31	38.54	0.0001
Dehydration	E860grp	4	17,252	3 to 33	3,395	2912.58	1.21	37.93	0.0001
Dehydration	E860ngrp	5	17,252	3 to 33	3,395	2912.58	1.21	37.93	0.0001
Disorders Of Calcium Metabolism	E835grp	4	9,022	83 to 103	1,370	1078.49	1.32	36.27	0.0001
Unilateral primary osteoarthritis of knee	M171grp	4	19,986	1 to 7	992	747.96	1.34	36.08	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	1,820	3 to 52	696	496.08	1.65	35.76	0.0001

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Unspecified adverse effect of drug or medicament	T887Xgrp	5	1,820	3 to 52	696	496.08	1.65	35.76	0.0001
Tinea Unguium	B351ngrp	5	21,197	1 to 29	3,876	3376.07	1.18	35.33	0.0001
Tinea Unguium	B351grp	4	21,197	1 to 29	3,876	3376.07	1.18	35.33	0.0001
Spondylosis	M47grp	3	40,798	1 to 15	3,838	3343.06	1.16	34.97	0.0001
Pain Localized To Upper Abdomen	R101grp	4	17,501	9 to 71	6,655	5996.85	1.18	34.90	0.0001
Type 2 Diabetes Mellitus	E11grp	3	783	132 to 183	361	224.66	2.13	34.88	0.0001
Dermatophytosis	B35grp	3	29,995	1 to 29	5,363	4777.33	1.15	34.55	0.0001
Other Age-Related Cataract	H258grp	4	15,099	1 to 22	2,177	1813.37	1.24	34.25	0.0001
Combine Forms Age-Relate Cataract	H2581grp	5	14,795	1 to 22	2,134	1776.86	1.24	33.71	0.0001
Abnormal results of cardiovascular function studies	R943grp	4	37,807	1 to 26	5,876	5269.89	1.14	33.62	0.0001
Pleural effusion, not elsewhere classified	J90nnggrp	5	9,118	127 to 180	3,083	2652.02	1.25	33.28	0.0001
Pleural effusion, not elsewhere classified	J90ngrp	4	9,118	127 to 180	3,083	2652.02	1.25	33.28	0.0001
Pleural effusion, not elsewhere classified	J90grp	3	9,118	127 to 180	3,083	2652.02	1.25	33.28	0.0001
Essential Primary Hypertension	I10grp	3	27,968	79 to 98	3,641	3174.94	1.17	32.67	0.0001
Essential Primary Hypertension	I10ngrp	4	27,968	79 to 98	3,641	3174.94	1.17	32.67	0.0001
Essential Primary Hypertension	I10nnggrp	5	27,968	79 to 98	3,641	3174.94	1.17	32.67	0.0001
Other Spondylosis	M478grp	4	33,284	1 to 15	3,154	2727.35	1.17	31.77	0.0001
Other Abdominal Pain	R108grp	4	8,413	4 to 58	2,945	2533.7	1.25	31.73	0.0001
Hypermetropia Bilateral	H5203grp	5	9,157	1 to 27	1,634	1333.89	1.27	31.49	0.0001
Abnormalities Of Breathing	R06grp	3	59,683	1 to 34	11,888	11048.67	1.10	31.16	0.0001
Hypertension secondary to endocrine disorders	I152grp	4	5,072	85 to 126	1,464	1182.6	1.33	31.11	0.0001
Hypertension secondary to endocrine disorders	I152ngrp	5	5,072	85 to 126	1,464	1182.6	1.33	31.11	0.0001
Presbyopia	H524grp	4	17,504	1 to 23	2,564	2186.3	1.20	30.91	0.0001
Presbyopia	H524ngrp	5	17,504	1 to 23	2,564	2186.3	1.20	30.91	0.0001
Testicular Dysfunction	E29grp	3	5,191	81 to 100	799	596.94	1.40	30.89	0.0001
Obesity Unspecified	E669ngrp	5	30,326	25 to 99	13,418	12529.97	1.13	30.82	0.0001
Obesity Unspecified	E669grp	4	30,326	25 to 99	13,418	12529.97	1.13	30.82	0.0001
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	2,499	3 to 52	894	681.15	1.49	30.25	0.0001
Male Erectile Dysfunction	N52grp	3	12,496	80 to 99	1,738	1433.85	1.25	30.20	0.0001
Angina Pectoris	I20grp	3	10,612	1 to 36	2,469	2102.93	1.23	30.17	0.0001
Testicular Hypofunction	E291ngrp	5	5,093	81 to 100	783	585.67	1.40	30.04	0.0001

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Testicular Hypofunction	E291grp	4	5,093	81 to 100	783	585.67	1.40	30.04	0.0001
Supraventricular Tachycardia Uns	I4710grp	5	722	127 to 182	345	220.36	2.08	30.02	0.0001
Disorders Of Lacrimal System	H04grp	3	28,099	1 to 22	3,833	3374.66	1.16	29.82	0.0001
Other disorders of bone density and structure	M85grp	3	21,582	1 to 22	2,990	2591.98	1.18	29.12	0.0001
Dry Eye Syndrome	H0412grp	5	26,822	1 to 29	4,780	4271.96	1.15	29.10	0.0001
Other Disorders Of Lacrimal Gland	H041grp	4	26,866	1 to 29	4,786	4278.97	1.14	28.94	0.0001
Disorders Of Mineral Metabolism	E83grp	3	22,728	80 to 103	3,467	3039.2	1.17	28.80	0.0001
Astigmatism	H522grp	4	15,417	1 to 49	4,624	4129.42	1.17	28.52	0.0001
Pain In Throat And Chest	R07grp	3	57,541	1 to 32	10,752	9996.77	1.09	27.88	0.0001
Generalized Abdominal Pain	R1084grp	5	7,214	4 to 60	2,600	2238.01	1.25	27.82	0.0001
Other Hammer Toes Acquired	M204grp	4	8,127	1 to 22	1,218	976.04	1.29	27.78	0.0001
Disorders Of Vitreous Body	H43grp	3	30,403	1 to 21	3,925	3476.46	1.15	27.78	0.0001
Dyspnea	R060grp	4	48,060	1 to 17	4,893	4391.59	1.13	27.61	0.0001
Other specified disorders of bone density and structure	M858grp	4	20,479	1 to 22	2,836	2459.51	1.18	27.46	0.0001
Unilateral primary osteoarthritis, left knee	M1712grp	5	9,887	1 to 23	1,504	1234.91	1.26	27.40	0.0001
Unspecified Abdominal Pain	R109ngrp	5	22,592	16 to 54	5,268	4751.71	1.14	27.11	0.0001
Unspecified Abdominal Pain	R109grp	4	22,592	16 to 54	5,268	4751.71	1.14	27.11	0.0001
Acute Cough	R051grp	4	9,362	108 to 183	4,345	3881.28	1.22	26.68	0.0001
Acute Cough	R051ngrp	5	9,362	108 to 183	4,345	3881.28	1.22	26.68	0.0001
Spondylosis without myelopathy or radiculopathy	M4781grp	5	29,597	1 to 15	2,793	2425.23	1.17	26.59	0.0001
Other Retinal Disorders	H35grp	3	31,004	1 to 22	4,174	3723.55	1.14	26.23	0.0001
Diverticular Disease Of Intestine	K57grp	3	38,673	31 to 79	10,937	10200.07	1.10	26.05	0.0001
Other Anxiety Disorders	F41grp	3	36,455	84 to 139	12,005	11234.46	1.10	25.89	0.0001
Other Forms Of Angina Pectoris	I2089grp	5	517	118 to 182	290	184.31	2.31	25.76	0.0001
Other Disorders Of Veins	I87grp	3	14,946	4 to 24	2,023	1718.29	1.21	25.56	0.0001
Abnormal Weight Loss	R634ngrp	5	9,207	55 to 127	4,145	3702.23	1.22	25.50	0.0001
Abnormal Weight Loss	R634grp	4	9,207	55 to 127	4,145	3702.23	1.22	25.50	0.0001
Other Nonscarring Hair Loss	L65grp	3	4,116	139 to 183	1,264	1026.88	1.33	25.49	0.0001
Male Erectile Dysfunction Uns	N529ngrp	5	8,906	81 to 101	1,305	1065.23	1.26	25.17	0.0001
Male Erectile Dysfunction Uns	N529grp	4	8,906	81 to 101	1,305	1065.23	1.26	25.17	0.0001
Acute Kidney Failure	N17grp	3	26,883	3 to 55	8,379	7747.37	1.12	25.11	0.0001
Primary Insomnia	F5101grp	5	4,603	80 to 99	699	528.17	1.38	25.06	0.0001

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Cough, Unspecified	R059ngrp	5	23,048	122 to 181	8,103	7485.67	1.13	24.82	0.0001
Cough, Unspecified	R059grp	4	23,048	122 to 181	8,103	7485.67	1.13	24.82	0.0001
Cough	R05ngrp	4	16,396	9 to 82	7,113	6538.52	1.16	24.56	0.0001
Cough	R05nngp	5	16,396	9 to 82	7,113	6538.52	1.16	24.56	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	24,611	3 to 54	7,537	6945.58	1.12	24.52	0.0001
Acute Kidney Failure Unspecified	N179grp	4	24,611	3 to 54	7,537	6945.58	1.12	24.52	0.0001
Epigastric Pain	R1013grp	5	9,094	9 to 71	3,514	3116.13	1.21	24.40	0.0001
Emergency Use Of U07	U07grp	3	35,253	129 to 177	10,034	9357.29	1.10	23.94	0.0001
Covid-19	U071ngrp	5	35,218	129 to 177	10,024	9348	1.10	23.91	0.0001
Covid-19	U071grp	4	35,218	129 to 177	10,024	9348	1.10	23.91	0.0001
Type 2 DM Without Complications	E119grp	4	502	97 to 183	354	239.52	2.62	23.82	0.0001
Type 2 DM Without Complications	E119ngrp	5	502	97 to 183	354	239.52	2.62	23.82	0.0001
Other Melanin Hyperpigmentation	L814grp	4	18,893	1 to 7	897	707.06	1.28	23.50	0.0001
Other Melanin Hyperpigmentation	L814ngrp	5	18,893	1 to 7	897	707.06	1.28	23.50	0.0001
Cyst Of Kidney Acquired	N281ngrp	5	13,970	1 to 13	1,182	962.97	1.25	23.22	0.0001
Cyst Of Kidney Acquired	N281grp	4	13,970	1 to 13	1,182	962.97	1.25	23.22	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	15,634	9 to 54	4,319	3891.43	1.15	22.69	0.0001
Cortical Age-Related Cataract	H2501grp	5	3,868	1 to 22	617	464.54	1.39	22.66	0.0001
Secondary Hypertension	I15grp	3	7,184	84 to 115	1,538	1288.98	1.25	22.65	0.0001
Abnormal result of other cardiovascular function study	R9439grp	5	4,891	1 to 65	2,016	1728.81	1.28	22.64	0.0001
Chronic Kidney Disease Stage 3a	N1831grp	5	5,173	85 to 106	827	648.65	1.33	22.54	0.0001
Nonscarring Hair Loss Unspecified	L659ngrp	5	3,256	139 to 183	1,011	812.32	1.35	22.53	0.0001
Nonscarring Hair Loss Unspecified	L659grp	4	3,256	139 to 183	1,011	812.32	1.35	22.53	0.0001
Nonrheumatic Mitral Insufficiency	I340grp	4	12,617	1 to 22	1,783	1515.29	1.21	22.37	0.0001
Nonrheumatic Mitral Insufficiency	I340ngrp	5	12,617	1 to 22	1,783	1515.29	1.21	22.37	0.0001
Other hammer toe(s) (acquired), left foot	M2042grp	5	5,390	2 to 22	791	617.75	1.33	22.30	0.0001
Open angle with borderline findings, low risk	H4001grp	5	8,142	1 to 49	2,498	2180.82	1.21	22.03	0.0001
Nonrheumatic Mitral Valve Disorders	I34grp	3	16,570	1 to 22	2,293	1990.04	1.18	21.98	0.0001
Pain In Joint	M255grp	4	66,129	83 to 106	9,802	9165.69	1.08	21.63	0.0001
Insomnia not due to a substance or known physiological condition	F510grp	4	8,244	82 to 128	2,472	2159.59	1.21	21.59	0.0001

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Conductive Sensorineural Hear Loss	H90grp	3	17,104	5 to 23	2,093	1808.91	1.18	21.23	0.0001
Respiratory Failure Nec	J96grp	3	13,125	121 to 181	4,761	4326.01	1.16	21.19	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928grp	4	7,220	1 to 51	2,306	2008.63	1.22	21.01	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928ngrp	5	7,220	1 to 51	2,306	2008.63	1.22	21.01	0.0001
Unspecified severe protein-calorie malnutrition	E43ngrp	4	1,324	133 to 181	482	353.41	1.57	20.98	0.0001
Unspecified severe protein-calorie malnutrition	E43grp	3	1,324	133 to 181	482	353.41	1.57	20.98	0.0001
Unspecified severe protein-calorie malnutrition	E43nngp	5	1,324	133 to 181	482	353.41	1.57	20.98	0.0001
Pressure Ulcer	L89grp	3	4,779	145 to 182	1,219	1006.91	1.28	20.92	0.0001
Pain localized to other parts of lower abdomen	R103grp	4	12,635	16 to 52	2,868	2535.62	1.17	20.90	0.0001
Other Chronic Pain	G8929grp	5	30,433	81 to 106	4,951	4511.82	1.12	20.73	0.0001
Seborrheic Keratosis	L82grp	3	35,847	1 to 15	3,293	2937.36	1.13	20.72	0.0001
Headache	R51ngrp	4	5,571	2 to 48	1,672	1422.81	1.25	20.65	0.0001
Headache	R51nngp	5	5,571	2 to 48	1,672	1422.81	1.25	20.65	0.0001
Abnormal Electrocardiogram	R9431grp	5	32,094	1 to 27	5,121	4675.1	1.11	20.64	0.0001
Other disorders of kidney and ureter, not elsewhere classified	N28grp	3	27,443	1 to 12	1,993	1720.24	1.17	20.57	0.0001
Chronic Pain Nec	G892grp	4	30,639	81 to 106	4,981	4542.36	1.12	20.54	0.0001
Diverticular disease of large intestine without perforation or abscess	K573grp	4	31,351	31 to 79	8,858	8268.88	1.10	20.53	0.0001
Metabolic syndrome and other insulin resistance	E8881grp	5	4,241	27 to 37	381	269.29	1.46	20.50	0.0001
Other specified disorders of bone density and structure, thigh	M8585grp	5	4,666	1 to 29	924	743.16	1.30	20.41	0.0001
Complications and ill-defined descriptions of heart disease	I51grp	3	25,497	3 to 18	2,498	2192.61	1.16	20.35	0.0001
Sleep disorders not due to a substance or known physiological condition	F51grp	3	9,112	82 to 128	2,705	2386.97	1.19	20.31	0.0001
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	29,298	31 to 79	8,290	7727.4	1.10	20.03	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921grp	4	3,688	4 to 30	707	551.9	1.35	20.00	0.0001

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Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Mammographic calcification found on diagnostic imaging of breast	R921ngrp	5	3,688	4 to 30	707	551.9	1.35	20.00	0.0001
Other Fatigue	R5383grp	5	29,948	84 to 105	4,187	3795.83	1.12	19.51	0.0001
Other Forms Of Angina Pectoris	I208ngrp	5	3,153	1 to 45	954	773.89	1.33	19.50	0.0001
Other Specified Metabolic Disorders	E888grp	4	4,605	20 to 37	610	468.7	1.35	19.44	0.0001
Myopia	H521grp	4	11,148	1 to 28	1,973	1709.3	1.19	19.37	0.0001
Influenza due to other identified influenza virus	J10grp	3	4,542	135 to 180	1,339	1124.16	1.27	19.34	0.0001
Cough	R05grp	3	54,079	108 to 180	22,217	21304.69	1.07	19.33	0.0001
Other Malaise And Fatigue	R538grp	4	38,589	84 to 105	5,332	4891.05	1.11	19.32	0.0001
Drug Induced Constipation	K5903grp	5	2,329	34 to 98	1,019	833.52	1.40	19.26	0.0001
Abnormal and inconclusive findings on diagnostic imaging of breast	R92grp	3	16,822	14 to 22	1,049	860.75	1.23	19.23	0.0001
Unilateral primary osteoarthritis, right knee	M1711grp	5	9,371	1 to 7	472	350.7	1.37	18.91	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	13,398	9 to 54	3,695	3334.87	1.15	18.79	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	13,398	9 to 54	3,695	3334.87	1.15	18.79	0.0001
Plantar Fascial Fibromatosis	M722ngrp	5	7,954	1 to 19	984	804.2	1.26	18.75	0.0001
Plantar Fascial Fibromatosis	M722grp	4	7,954	1 to 19	984	804.2	1.26	18.75	0.0001
Abnormal Serum Enzyme Levels	R74grp	3	17,089	86 to 107	2,410	2122.24	1.16	18.69	0.0001
Major depressive disorder, recurrent	F33grp	3	17,289	89 to 112	2,671	2367.6	1.15	18.67	0.0001
Background retinopathy and retinal vascular changes	H350grp	4	6,285	1 to 42	1,687	1448.65	1.23	18.62	0.0001
Other forms of acute ischemic heart disease	I2489grp	5	344	139 to 183	148	85.82	2.27	18.47	0.0001
Vasomotor And Allergic Rhinitis	J30grp	3	28,595	82 to 108	4,780	4372.17	1.11	18.47	0.0001
Pneumonia Unspecified Organism	J18grp	3	15,633	134 to 180	4,346	3959.79	1.14	18.26	0.0003
Myopia Bilateral	H5213grp	5	9,436	1 to 23	1,392	1178.58	1.21	18.26	0.0003
Other Disorders Of Eyelid	H02grp	3	14,857	1 to 22	2,045	1784.31	1.17	18.18	0.0003
Chronic kidney disease, stage 3 unspecified	N1830grp	5	4,684	84 to 105	746	593.68	1.31	18.06	0.0004
Cardiac Arrest	I46grp	3	601	143 to 182	207	132.15	1.86	18.05	0.0004
Unstable Angina	I200grp	4	2,583	1 to 48	835	673.86	1.35	17.89	0.0006
Unstable Angina	I200ngrp	5	2,583	1 to 48	835	673.86	1.35	17.89	0.0006
Other Supraventricular Tachycardia	I4719grp	5	245	122 to 183	143	83.01	2.74	17.79	0.0006
Vitreous Degeneration	H4381grp	5	18,504	1 to 27	3,010	2695.46	1.14	17.69	0.0007
Other Disorders Of Pigmentation	L81grp	3	24,563	1 to 7	1,105	919.25	1.21	17.62	0.0009

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Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Venous insufficiency (chronic) (peripheral)	I872ngrp	5	10,779	4 to 32	1,967	1715.62	1.18	17.58	0.0009
Venous insufficiency (chronic) (peripheral)	I872grp	4	10,779	4 to 32	1,967	1715.62	1.18	17.58	0.0009
Acute Posthemorrhagic Anemia	D62nngp	5	7,081	99 to 179	3,432	3096.52	1.21	17.56	0.0009
Acute Posthemorrhagic Anemia	D62ngrp	4	7,081	99 to 179	3,432	3096.52	1.21	17.56	0.0009
Acute Posthemorrhagic Anemia	D62grp	3	7,081	99 to 179	3,432	3096.52	1.21	17.56	0.0009
Enthesopathies, lower limb, excluding foot	M76grp	3	9,405	1 to 16	991	816	1.24	17.55	0.0009
Preglaucoma, Unspecified	H4000grp	5	2,919	2 to 49	935	765.83	1.33	17.45	0.001
Snoring	R0683grp	5	4,877	3 to 52	1,550	1329.32	1.24	17.38	0.001
Nonrheumatic tricuspid valve disorders	I36grp	3	8,539	1 to 7	430	319.57	1.36	17.20	0.0011
Pneumonia Unspecified Organism	J189ngrp	5	13,177	134 to 181	3,773	3424.55	1.14	17.17	0.0011
Pneumonia Unspecified Organism	J189grp	4	13,177	134 to 181	3,773	3424.55	1.14	17.17	0.0011
Depression Unspecified	F32Angrp	5	13,663	119 to 183	5,288	4873.78	1.14	17.14	0.0012
Depression Unspecified	F32Agrp	4	13,663	119 to 183	5,288	4873.78	1.14	17.14	0.0012
Type 1 Diabetes Mellitus	E10grp	3	11,367	1 to 74	4,942	4544.12	1.16	16.95	0.0015
Hypertensive Retinopathy	H3503grp	5	4,691	1 to 38	1,160	973.02	1.26	16.92	0.0015
Mammographic heterogeneous density of breast	R9233grp	5	320	126 to 183	166	101.93	2.31	16.89	0.0015
Dense Breasts Unspecified	R9230grp	5	242	124 to 183	137	79.75	2.65	16.88	0.0015
Chest Pain Unspecified	R079ngrp	5	27,301	1 to 32	5,147	4743.08	1.11	16.74	0.0017
Chest Pain Unspecified	R079grp	4	27,301	1 to 32	5,147	4743.08	1.11	16.74	0.0017
Sleep Apnea	G473grp	4	27,477	7 to 42	5,936	5502.42	1.10	16.67	0.002
Other Disorders Of Vitreous Body	H438grp	4	19,947	1 to 27	3,222	2905.66	1.13	16.64	0.002
Non-pressure chronic ulcer of lower limb, not elsewhere classified	L97grp	3	10,357	1 to 14	956	788.67	1.23	16.62	0.002
Pain Not Elsewhere Classified	G89grp	3	46,466	83 to 106	6,906	6440.34	1.09	16.46	0.0026
Regular Astigmatism	H5222grp	5	9,545	1 to 17	1,047	872.19	1.23	16.45	0.0026
Other Nontoxic Goiter	E04grp	3	10,466	1 to 14	964	796.97	1.23	16.40	0.0026
Other Anemias	D64grp	3	28,586	135 to 183	8,171	7664.64	1.09	16.39	0.0026
Pulmonary Edema	J81grp	3	5,845	107 to 183	2,739	2450.51	1.22	16.36	0.0026
Inflamed Seborrheic Keratosis	L820grp	4	11,794	1 to 15	1,149	966.42	1.21	16.26	0.0028
Inflamed Seborrheic Keratosis	L820ngrp	5	11,794	1 to 15	1,149	966.42	1.21	16.26	0.0028
Other obesity due to excess calories	E6609grp	5	3,882	76 to 99	673	535.96	1.31	16.19	0.0029
Fever Unspecified	R509ngrp	5	18,928	114 to 180	7,306	6833.13	1.11	16.02	0.0036

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Fever Unspecified	R509grp	4	18,928	114 to 180	7,306	6833.13	1.11	16.02	0.0036
Insomnia	G470grp	4	11,651	76 to 98	1,765	1539.31	1.17	15.80	0.0045
Influenza due to other identified influenza virus with other respiratory manifestations	J101ngrp	5	3,941	135 to 180	1,155	975.41	1.26	15.61	0.0055
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	3,941	135 to 180	1,155	975.41	1.26	15.61	0.0055
Acute Respiratory Failure	J960grp	4	8,594	115 to 183	3,562	3239.17	1.17	15.59	0.0057
Sensorineural Hear Loss Bilateral	H903ngrp	5	12,113	5 to 44	2,982	2687.53	1.15	15.58	0.0057
Sensorineural Hear Loss Bilateral	H903grp	4	12,113	5 to 44	2,982	2687.53	1.15	15.58	0.0057
Other specified disorders of bone density and structure, other site	M8588grp	5	3,701	1 to 16	426	321.11	1.37	15.52	0.0062
Fever Of Other And Unknown Origin	R50grp	3	19,806	128 to 179	5,958	5539.47	1.11	15.44	0.007
Shortness Of Breath	R0602grp	5	30,820	1 to 12	2,181	1931.93	1.14	15.41	0.0071
Other Hypertrophic Disorders Skin	L918ngrp	5	7,222	1 to 21	990	825.81	1.23	15.34	0.0079
Other Hypertrophic Disorders Skin	L918grp	4	7,222	1 to 21	990	825.81	1.23	15.34	0.0079
Shoulder Lesions	M75grp	3	17,152	1 to 14	1,510	1306.1	1.17	15.15	0.0098
Other Abnormalities Of Breathing	R068grp	4	6,988	1 to 52	2,224	1974.98	1.19	15.08	0.0105
Pain In Foot And Toes	M7967grp	5	22,600	1 to 15	2,093	1851.88	1.14	15.06	0.0107
Shock Not Elsewhere Classified	R57grp	3	2,134	143 to 183	608	482.63	1.36	15.03	0.011
Cardiac Arrest Cause Unspecified	I469grp	4	417	143 to 182	149	91.69	1.97	15.03	0.011
Cardiac Arrest Cause Unspecified	I469ngrp	5	417	143 to 182	149	91.69	1.97	15.03	0.011
Anemia Unspecified	D649ngrp	5	27,692	135 to 183	7,902	7424.93	1.09	15.03	0.011
Anemia Unspecified	D649grp	4	27,692	135 to 183	7,902	7424.93	1.09	15.03	0.011
Cardiomegaly	I517grp	4	17,969	4 to 19	1,776	1554.98	1.16	15.02	0.0111
Cardiomegaly	I517ngrp	5	17,969	4 to 19	1,776	1554.98	1.16	15.02	0.0111
Nail Disorders	L60grp	3	20,341	1 to 35	4,259	3911.85	1.11	14.98	0.0116
Other Joint Disorder Nec	M25grp	3	76,948	83 to 108	11,963	11375.56	1.06	14.94	0.012
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129grp	4	25,966	73 to 98	4,134	3792.59	1.11	14.94	0.0122

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129ngrp	5	25,966	73 to 98	4,134	3792.59	1.11	14.94	0.0122
Weakness	R531grp	4	16,729	9 to 26	1,830	1606.46	1.16	14.88	0.013
Weakness	R531ngrp	5	16,729	9 to 26	1,830	1606.46	1.16	14.88	0.013
Other Peripheral Vascular Diseases	I73grp	3	19,673	2 to 9	1,003	840.17	1.21	14.85	0.0133
Other abnormal findings of blood chemistry	R79grp	3	32,315	75 to 96	4,326	3978.39	1.10	14.77	0.014
Poisoning by, adverse effect of and underdosing of antineoplastic and immunosuppressive drugs	T451grp	4	1,409	103 to 183	765	624.54	1.49	14.73	0.0145
Poisoning by, adverse effect of and underdosing of antineoplastic and immunosuppressive drugs	T451Xgrp	5	1,409	103 to 183	765	624.54	1.49	14.73	0.0145
Atherosclerosis of native arteries of the extremities	I702grp	4	9,577	1 to 22	1,339	1150.19	1.19	14.72	0.0146
Symptoms and signs concerning food and fluid intake	R63grp	3	18,839	38 to 127	9,784	9259.23	1.12	14.62	0.0156
Orthostatic Hypotension	I951ngrp	5	5,457	39 to 76	1,293	1108.74	1.22	14.53	0.0175
Orthostatic Hypotension	I951grp	4	5,457	39 to 76	1,293	1108.74	1.22	14.53	0.0175
Unspecified Astigmatism	H5220grp	5	5,246	1 to 51	1,670	1459.45	1.21	14.51	0.0176
Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction	I65grp	3	17,268	1 to 16	1,711	1498.22	1.16	14.45	0.019
Other Enthesopathies	M77grp	3	16,293	1 to 27	2,639	2373.39	1.13	14.34	0.0219
Nonrheumatic tricuspid (valve) insufficiency	I361ngrp	5	7,802	1 to 7	388	291.98	1.35	14.30	0.0227
Nonrheumatic tricuspid (valve) insufficiency	I361grp	4	7,802	1 to 7	388	291.98	1.35	14.30	0.0227
Disorder of the skin and subcutaneous tissue, unspecified	L989grp	4	8,524	83 to 104	1,251	1071.58	1.20	14.25	0.0238
Disorder of the skin and subcutaneous tissue, unspecified	L989ngrp	5	8,524	83 to 104	1,251	1071.58	1.20	14.25	0.0238
Other Seasonal Allergic Rhinitis	J302ngrp	5	6,914	78 to 98	982	824.27	1.22	14.21	0.025
Other Seasonal Allergic Rhinitis	J302grp	4	6,914	78 to 98	982	824.27	1.22	14.21	0.025
Primary Osteoarthritis Other Joints	M190grp	4	25,616	1 to 8	1,293	1110.73	1.17	14.20	0.0255
Other specified disorders of bone density and structure, multiple sites	M8589grp	5	4,625	1 to 23	710	577.68	1.27	14.12	0.0284
Skin changes due to chronic exposure to nonionizing radiation	L57grp	3	27,168	1 to 3	506	395.83	1.29	14.08	0.0296

Table 3e. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Chronic obstructive pulmonary disease with (acute) lower respiratory infection	J440ngrp	5	739	144 to 183	236	163.76	1.65	14.00	0.0314
Chronic obstructive pulmonary disease with (acute) lower respiratory infection	J440grp	4	739	144 to 183	236	163.76	1.65	14.00	0.0314
Inconclusive Mammogram	R922ngrp	5	3,440	1 to 25	580	461.78	1.31	13.99	0.0317
Inconclusive Mammogram	R922grp	4	3,440	1 to 25	580	461.78	1.31	13.99	0.0317
Toxic Encephalopathy	G92grp	3	2,104	142 to 183	607	485.9	1.35	13.98	0.032
Hypertensive Chronic Kidney Disease	I12grp	3	26,908	76 to 101	4,305	3967.77	1.10	13.95	0.0328
Calculus of gallbladder without cholecystitis without obstruction	K8020grp	5	9,217	3 to 32	1,718	1508.63	1.17	13.90	0.0346
Calculus of gallbladder without cholecystitis	K802grp	4	9,288	3 to 32	1,730	1520.25	1.17	13.85	0.0363
Abnormal Levels Other Serum Enzymes	R748ngrp	5	10,544	87 to 108	1,500	1305.45	1.17	13.83	0.0369
Abnormal Levels Other Serum Enzymes	R748grp	4	10,544	87 to 108	1,500	1305.45	1.17	13.83	0.0369
Fibroblastic Disorders	M72grp	3	9,802	1 to 19	1,161	991.05	1.19	13.81	0.0377
Edema Not Elsewhere Classified	R60grp	3	31,503	1 to 8	1,564	1365.99	1.15	13.71	0.0417
Flatulence And Related Conditions	R14grp	3	12,716	36 to 52	1,330	1148.38	1.18	13.66	0.0433
Other Specified Disorders Of Eyelid	H028grp	4	9,805	1 to 22	1,361	1177.57	1.18	13.60	0.0466
Occlusion & Stenosis Carotid Artery	I652grp	4	16,348	1 to 16	1,619	1418.4	1.16	13.56	0.0481

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
Nausea And Vomiting	R11grp	3	17,517	1 to 38	4,404	3491.59	1.36	110.42	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	1,760	1 to 19	379	171.7	2.54	92.81	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	9,300	1 to 26	1,736	1255.83	1.48	82.04	0.0001
Nausea With Vomiting Unspecified	R112grp	4	9,300	1 to 26	1,736	1255.83	1.48	82.04	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	820	1 to 21	233	89.27	3.25	79.81	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	2,789	1 to 17	460	243.61	2.07	76.04	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	1,277	1 to 14	197	90.76	2.39	46.44	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	1,277	1 to 14	197	90.76	2.39	46.44	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	2,668	2 to 21	445	279.72	1.71	41.34	0.0001
Diarrhea Unspecified	R197ngrp	5	7,956	4 to 62	2,945	2510.55	1.28	35.69	0.0001
Diarrhea Unspecified	R197grp	4	7,956	4 to 62	2,945	2510.55	1.28	35.69	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	9,131	4 to 63	3,368	2934.73	1.24	30.61	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	845	1 to 13	122	55.33	2.41	29.80	0.0001
Nausea	R110ngrp	5	5,594	1 to 68	2,363	2014.78	1.30	28.55	0.0001
Nausea	R110grp	4	5,594	1 to 68	2,363	2014.78	1.30	28.55	0.0001
Abdominal And Pelvic Pain	R10grp	3	17,890	1 to 53	5,567	5029.07	1.16	27.94	0.0001
Volume Depletion	E86grp	3	12,438	4 to 60	4,238	3791.35	1.18	25.43	0.0001
Pleural effusion, not elsewhere classified	J90ngrp	4	4,849	136 to 183	1,590	1336.98	1.28	22.59	0.0001
Pleural effusion, not elsewhere classified	J90nngp	5	4,849	136 to 183	1,590	1336.98	1.28	22.59	0.0001

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Pleural effusion, not elsewhere classified	J90grp	3	4,849	136 to 183	1,590	1336.98	1.28	22.59	0.0001
Dehydration	E860grp	4	9,812	4 to 60	3,358	2990.89	1.19	21.73	0.0001
Dehydration	E860ngrp	5	9,812	4 to 60	3,358	2990.89	1.19	21.73	0.0001
Vomiting	R111grp	4	2,623	2 to 52	888	712.94	1.37	19.94	0.0001
Pain In Throat And Chest	R07grp	3	18,380	1 to 8	886	716.48	1.25	18.65	0.0002
Vomiting Unspecified	R1110grp	5	2,369	2 to 23	379	273.53	1.46	18.14	0.0003
Constipation	K590grp	4	7,538	29 to 74	2,107	1860.59	1.19	15.67	0.002
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	5,599	11 to 97	2,899	2614.79	1.23	14.96	0.0054
Other functional intestinal disorders	K59grp	3	7,899	29 to 74	2,195	1949.7	1.18	14.85	0.0059
Unspecified Abdominal Pain	R109grp	4	6,063	19 to 52	1,296	1112	1.21	14.46	0.0092
Unspecified Abdominal Pain	R109ngrp	5	6,063	19 to 52	1,296	1112	1.21	14.46	0.0092
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	4,969	11 to 97	2,580	2320.57	1.23	14.02	0.0145
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	4,969	11 to 97	2,580	2320.57	1.23	14.02	0.0145
Other forms of acute ischemic heart disease	I2489grp	5	248	117 to 183	150	94.17	2.50	14.00	0.0147
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	4,612	1 to 38	1,081	919.29	1.23	13.47	0.0257
Fatty (change of) liver, not elsewhere classified	K760grp	4	4,612	1 to 38	1,081	919.29	1.23	13.47	0.0257
Inpatient, Emergency Department, or Outpatient Setting									
Nausea And Vomiting	R11grp	3	51,905	9 to 72	20,908	18030.62	1.27	219.04	0.0001
Nausea	R110grp	4	25,496	18 to 72	9,340	7645.93	1.35	175.44	0.0001
Nausea	R110ngrp	5	25,496	18 to 72	9,340	7645.93	1.35	175.44	0.0001
Type 2 Diabetes Mellitus	E11grp	3	18,395	1 to 43	5,534	4335.88	1.40	152.23	0.0001
Constipation	K590grp	4	37,322	27 to 97	16,514	14567.88	1.24	124.92	0.0001
Other functional intestinal disorders	K59grp	3	38,841	26 to 97	17,345	15359.12	1.24	123.55	0.0001
Metabolic syndrome and other insulin resistance	E8881grp	5	8,341	25 to 43	1,381	894.06	1.65	113.53	0.0001
Mammographic density found on imaging of breast	R923grp	4	2,393	122 to 183	1,272	812.32	2.21	110.77	0.0001
Other Specified Metabolic Disorders	E888grp	4	8,728	21 to 43	1,660	1129.75	1.58	108.58	0.0001
Vitamin D Deficiency Unspecified	E559grp	4	36,192	81 to 100	5,090	4143.03	1.27	100.89	0.0001
Vitamin D Deficiency Unspecified	E559ngrp	5	36,192	81 to 100	5,090	4143.03	1.27	100.89	0.0001
Vitamin D Deficiency	E55grp	3	36,210	81 to 100	5,092	4145.1	1.27	100.83	0.0001
Age-Related Cataract	H25grp	3	44,092	1 to 22	6,310	5251.44	1.24	100.27	0.0001
Fatty (change of) liver, not elsewhere classified	K760grp	4	23,373	1 to 36	5,598	4618.32	1.28	97.35	0.0001

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	23,373	1 to 36	5,598	4618.32	1.28	97.35	0.0001
Type 2 DM Without Complications	E119grp	4	13,295	1 to 50	4,492	3632.36	1.36	94.60	0.0001
Type 2 DM Without Complications	E119ngrp	5	13,295	1 to 50	4,492	3632.36	1.36	94.60	0.0001
Disorders of lipoprotein metabolism and other lipidemias	E78grp	3	34,972	81 to 100	4,875	4003.38	1.26	88.73	0.0001
Other Diseases Of Liver	K76grp	3	29,145	1 to 25	4,742	3883.41	1.27	88.67	0.0001
Constipation Unspecified	K5900grp	5	26,028	26 to 93	11,065	9741.33	1.24	86.28	0.0001
Other and unspecified metabolic disorders	E88grp	3	11,421	20 to 43	2,079	1548.58	1.42	81.97	0.0001
Disorders Refraction Accommodation	H52grp	3	49,625	1 to 31	9,528	8342.8	1.18	80.59	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	20,204	2 to 60	7,477	6448.56	1.25	78.07	0.0001
Nausea With Vomiting Unspecified	R112grp	4	20,204	2 to 60	7,477	6448.56	1.25	78.07	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	4,949	2 to 50	1,797	1325.1	1.56	75.54	0.0001
Mammographic fibroglandular density of breast	R9232grp	5	1,298	131 to 183	631	379.51	2.29	69.33	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	6,454	2 to 60	2,599	2059.94	1.44	65.11	0.0001
Type 2 diabetes mellitus with other specified complications	E116grp	4	2,778	1 to 36	817	548.91	1.69	56.84	0.0001
Age-Related Nuclear Cataract	H251grp	4	27,017	1 to 29	4,994	4281.55	1.21	56.28	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	1,295	1 to 19	268	129.65	2.35	56.25	0.0001
Diarrhea Unspecified	R197grp	4	26,932	24 to 90	10,836	9802.06	1.18	52.81	0.0001
Diarrhea Unspecified	R197ngrp	5	26,932	24 to 90	10,836	9802.06	1.18	52.81	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	1,907	2 to 19	328	180.51	1.99	48.40	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	1,907	2 to 19	328	180.51	1.99	48.40	0.0001
Age-related nuclear cataract, bilateral	H2513grp	5	24,377	1 to 35	5,355	4672.21	1.19	47.67	0.0001
Osteoarthritis Of Knee	M17grp	3	28,110	1 to 17	3,045	2544.88	1.22	46.23	0.0001

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Hepatomegaly and splenomegaly, not elsewhere classified	R16grp	3	9,248	1 to 27	1,697	1338.3	1.33	44.29	0.0001
Other Nonscarring Hair Loss	L65grp	3	5,070	132 to 183	1,829	1457.22	1.40	43.85	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	40,202	24 to 66	10,308	9400.19	1.13	42.57	0.0001
Type 2 diabetes mellitus with hyperglycemia	E1165grp	5	1,786	1 to 37	550	361.39	1.75	42.37	0.0001
Abdominal And Pelvic Pain	R10grp	3	62,197	23 to 54	11,714	10752.41	1.11	41.86	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	3,550	2 to 58	1,417	1100.78	1.48	41.61	0.0001
Nonscarring Hair Loss Unspecified	L659grp	4	3,992	137 to 183	1,340	1036.12	1.44	40.76	0.0001
Nonscarring Hair Loss Unspecified	L659ngrp	5	3,992	137 to 183	1,340	1036.12	1.44	40.76	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	3,743	2 to 19	536	354.31	1.60	40.20	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	1,958	3 to 52	753	533.22	1.67	40.11	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	1,958	3 to 52	753	533.22	1.67	40.11	0.0001
Abnormal Weight Gain	R635grp	4	6,587	26 to 35	572	384.81	1.53	39.55	0.0001
Abnormal Weight Gain	R635ngrp	5	6,587	26 to 35	572	384.81	1.53	39.55	0.0001
Hyperlipidemia Unspecified	E785ngrp	5	18,759	81 to 101	2,663	2232.51	1.23	39.09	0.0001
Hyperlipidemia Unspecified	E785grp	4	18,759	81 to 101	2,663	2232.51	1.23	39.09	0.0001
Prediabetes	R7303grp	5	8,789	24 to 35	822	595.55	1.42	38.45	0.0001
Overweight And Obesity	E66grp	3	36,752	80 to 99	4,776	4196.53	1.16	38.31	0.0001
Spondylosis	M47grp	3	36,837	1 to 24	5,348	4734.36	1.15	38.19	0.0001
Other Spondylosis	M478grp	4	29,814	1 to 24	4,384	3831.75	1.17	38.04	0.0001
Gastro-Esophageal Reflux Disease	K21grp	3	54,472	54 to 99	14,931	13895.34	1.10	37.77	0.0001
Hepatomegaly, not elsewhere classified	R160ngrp	5	5,778	1 to 25	1,019	769.89	1.39	36.55	0.0001
Hepatomegaly, not elsewhere classified	R160grp	4	5,778	1 to 25	1,019	769.89	1.39	36.55	0.0001
Other disorders of bone density and structure	M85grp	3	18,773	1 to 22	2,652	2235.9	1.22	36.53	0.0001
Abnormal Results Function Studies	R94grp	3	42,353	1 to 25	6,294	5643.3	1.14	36.19	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928grp	4	8,482	1 to 44	2,435	2039.69	1.27	36.06	0.0001

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928ngrp	5	8,482	1 to 44	2,435	2039.69	1.27	36.06	0.0001
Drug Induced Constipation	K5903grp	5	2,785	26 to 97	1,394	1101.29	1.53	35.86	0.0001
Abnormalities Of Breathing	R06grp	3	52,550	1 to 25	7,721	7002	1.12	35.76	0.0001
Nonrheumatic Mitral Valve Disorders	I34grp	3	13,461	1 to 22	1,951	1603.23	1.25	35.26	0.0001
Nonrheumatic Mitral Insufficiency	I340ngrp	5	10,180	1 to 22	1,514	1212.46	1.29	34.73	0.0001
Nonrheumatic Mitral Insufficiency	I340grp	4	10,180	1 to 22	1,514	1212.46	1.29	34.73	0.0001
Spondylosis without myelopathy or radiculopathy	M4781grp	5	26,493	1 to 24	3,902	3404.93	1.17	34.66	0.0001
Other specified disorders of bone density and	M858grp	4	17,769	1 to 22	2,508	2116.32	1.22	34.21	0.0001
Gerd Without Esophagitis	K219grp	4	50,254	55 to 99	13,505	12568.97	1.10	34.10	0.0001
Gerd Without Esophagitis	K219ngrp	5	50,254	55 to 99	13,505	12568.97	1.10	34.10	0.0001
Unilateral primary osteoarthritis of knee	M171grp	4	19,104	1 to 17	2,083	1729.54	1.23	33.89	0.0001
Hypercalcemia	E8352grp	5	5,325	83 to 103	851	633.96	1.41	33.52	0.0001
Snoring	R0683grp	5	5,909	1 to 44	1,740	1420.95	1.32	33.41	0.0001
Acute Cough	R051grp	4	11,010	135 to 181	3,248	2804.25	1.22	33.41	0.0001
Acute Cough	R051ngrp	5	11,010	135 to 181	3,248	2804.25	1.22	33.41	0.0001
Mixed Hyperlipidemia	E782grp	4	8,644	81 to 100	1,256	989.51	1.32	33.04	0.0001
Mixed Hyperlipidemia	E782ngrp	5	8,644	81 to 100	1,256	989.51	1.32	33.04	0.0001
Obesity Due To Excess Calories	E660grp	4	15,313	83 to 105	2,401	2025.16	1.22	32.91	0.0001
Other Disorders Of Veins	I87grp	3	13,970	1 to 22	2,005	1663.85	1.24	32.81	0.0001
Pleural effusion, not elsewhere classified	J90grp	3	6,865	127 to 180	2,370	2000.11	1.28	32.28	0.0001
Pleural effusion, not elsewhere classified	J90ngrp	4	6,865	127 to 180	2,370	2000.11	1.28	32.28	0.0001
Pleural effusion, not elsewhere classified	J90nngp	5	6,865	127 to 180	2,370	2000.11	1.28	32.28	0.0001
Abnormal Glucose	R730grp	4	16,350	24 to 35	1,385	1107.88	1.27	32.09	0.0001
Acquired Deformities Fingers & Toes	M20grp	3	12,810	1 to 15	1,306	1038.28	1.29	31.89	0.0001
Elevated Blood Glucose Level	R73grp	3	23,829	27 to 33	1,200	945.93	1.28	31.43	0.0001
Disorders Of Calcium Metabolism	E835grp	4	7,257	85 to 105	1,106	863.28	1.33	31.31	0.0001
Hypermetropia	H520grp	4	9,217	1 to 30	1,822	1506.4	1.26	30.98	0.0001
Other Abnormalities Of Breathing	R068grp	4	7,855	1 to 44	2,240	1888.91	1.26	30.79	0.0001
Hypertension secondary to endocrine disorders	I152ngrp	5	3,860	85 to 105	635	459.18	1.46	30.04	0.0001
Hypertension secondary to endocrine disorders	I152grp	4	3,860	85 to 105	635	459.18	1.46	30.04	0.0001
Proteinuria Unspecified	R809ngrp	5	9,697	81 to 101	1,427	1154.04	1.28	30.01	0.0001

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Proteinuria Unspecified	R809grp	4	9,697	81 to 101	1,427	1154.04	1.28	30.01	0.0001
Proteinuria	R80grp	3	11,084	81 to 101	1,610	1319.11	1.26	29.95	0.0001
Abnormal and inconclusive findings on diagnostic imaging of breast	R92grp	3	19,061	1 to 33	3,854	3393.76	1.17	29.91	0.0001
Symptoms and signs concerning food and fluid intake	R63grp	3	18,606	24 to 93	7,800	7137.33	1.16	29.89	0.0001
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	2,610	3 to 53	939	722.87	1.47	29.50	0.0001
Ckd Stage 3 Moderate	N183grp	4	10,755	86 to 108	1,670	1376.42	1.25	29.30	0.0001
Morbid (severe) obesity due to excess calories	E6601grp	5	12,667	83 to 105	1,996	1675.22	1.23	28.93	0.0001
Age-Related Incipient Cataract	H250grp	4	5,000	1 to 21	755	566.73	1.39	28.29	0.0001
Sleep Apnea	G473grp	4	25,890	1 to 58	8,854	8169.33	1.13	27.97	0.0001
Dyspnea	R060grp	4	40,104	1 to 25	5,899	5343.64	1.12	27.94	0.0001
Glaucoma	H40grp	3	18,230	1 to 71	7,668	7032.74	1.16	27.90	0.0001
Unilateral primary osteoarthritis, left knee	M1712grp	5	9,490	1 to 23	1,441	1175.85	1.27	27.88	0.0001
Other Hammer Toes Acquired	M204grp	4	6,395	1 to 15	696	518.33	1.39	27.47	0.0001
Male Erectile Dysfunction	N52grp	3	9,564	84 to 104	1,397	1138.53	1.27	27.35	0.0001
Presbyopia	H524grp	4	14,205	1 to 15	1,411	1151.35	1.25	27.30	0.0001
Presbyopia	H524ngrp	5	14,205	1 to 15	1,411	1151.35	1.25	27.30	0.0001
Abnormal results of cardiovascular function studies	R943grp	4	31,489	1 to 25	4,680	4195.74	1.14	26.95	0.0001
Complications and ill-defined descriptions of heart disease	I51grp	3	21,397	4 to 18	2,037	1723.62	1.20	26.91	0.0001
Other Forms Of Angina Pectoris	I2089grp	5	453	121 to 180	244	146.61	2.44	26.90	0.0001
Other Age-Related Cataract	H258grp	4	11,433	1 to 28	2,058	1743	1.22	26.90	0.0001
Glaucoma Suspect	H400grp	4	15,207	1 to 36	3,415	3004.78	1.18	26.82	0.0001
Supraventricular Tachycardia Uns	I4710grp	5	655	127 to 182	312	200.19	2.07	26.63	0.0001
Enthesopathies, lower limb, excluding foot	M76grp	3	10,485	1 to 16	1,128	900.56	1.28	26.57	0.0001
Inconclusive Mammogram	R922grp	4	4,177	1 to 33	949	743.7	1.36	26.04	0.0001
Inconclusive Mammogram	R922ngrp	5	4,177	1 to 33	949	743.7	1.36	26.04	0.0001
Other Retinal Disorders	H35grp	3	24,258	1 to 8	1,285	1044.13	1.24	25.87	0.0001
Angina Pectoris	I20grp	3	8,390	1 to 51	2,687	2331.88	1.22	25.77	0.0001
Combine Forms Age-Relate Cataract	H2581grp	5	11,216	1 to 28	2,015	1709.92	1.22	25.74	0.0001
Other Hypothyroidism	E03grp	3	13,490	79 to 98	1,808	1524.38	1.22	24.89	0.0001

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Volume Depletion	E86grp	3	17,010	9 to 60	5,286	4789.86	1.15	24.87	0.0001
Venous insufficiency (chronic) (peripheral)	I872grp	4	10,149	4 to 30	1,793	1511.14	1.23	24.80	0.0001
Venous insufficiency (chronic) (peripheral)	I872ngrp	5	10,149	4 to 30	1,793	1511.14	1.23	24.80	0.0001
Disorders Of Mineral Metabolism	E83grp	3	17,905	78 to 103	2,937	2573.47	1.17	24.56	0.0001
Abnormal result of other cardiovascular function	R9439grp	5	3,909	9 to 24	470	334.14	1.46	24.49	0.0001
Essential Primary Hypertension	I10grp	3	24,124	79 to 99	3,251	2869.25	1.15	24.35	0.0001
Essential Primary Hypertension	I10ngrp	4	24,124	79 to 99	3,251	2869.25	1.15	24.35	0.0001
Essential Primary Hypertension	I10nngp	5	24,124	79 to 99	3,251	2869.25	1.15	24.35	0.0001
Cough, Unspecified	R059ngrp	5	24,093	122 to 181	8,465	7840.53	1.12	24.27	0.0001
Cough, Unspecified	R059grp	4	24,093	122 to 181	8,465	7840.53	1.12	24.27	0.0001
Influenza due to other identified influenza virus	J10grp	3	4,821	122 to 181	1,851	1568.89	1.29	23.97	0.0001
Other specified disorders of bone density and structure, thigh	M8585grp	5	4,112	2 to 21	597	443.63	1.40	23.90	0.0001
Cough	R05nngp	5	11,435	9 to 82	5,037	4563.68	1.19	23.76	0.0001
Cough	R05ngrp	4	11,435	9 to 82	5,037	4563.68	1.19	23.76	0.0001
Hypermetropia Bilateral	H5203grp	5	7,562	1 to 30	1,485	1235.91	1.25	23.57	0.0001
Pain In Throat And Chest	R07grp	3	50,001	1 to 26	7,494	6917.67	1.10	23.40	0.0001
Male Erectile Dysfunction Uns	N529grp	4	6,873	82 to 102	1,021	818.59	1.29	23.19	0.0001
Male Erectile Dysfunction Uns	N529ngrp	5	6,873	82 to 102	1,021	818.59	1.29	23.19	0.0001
Cough	R05grp	3	52,232	128 to 179	15,463	14635.97	1.08	23.00	0.0001
Dry Eye Syndrome	H0412grp	5	23,088	1 to 22	3,111	2749.82	1.15	22.76	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101ngrp	5	4,305	127 to 180	1,500	1254.25	1.30	22.65	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	4,305	127 to 180	1,500	1254.25	1.30	22.65	0.0001
Hypothyroidism Unspecified	E039ngrp	5	11,769	79 to 98	1,582	1329.91	1.22	22.52	0.0001
Hypothyroidism Unspecified	E039grp	4	11,769	79 to 98	1,582	1329.91	1.22	22.52	0.0001
Other Disorders Of Lacrimal Gland	H041grp	4	23,129	1 to 22	3,114	2754.71	1.15	22.49	0.0001
Disorders Of Lacrimal System	H04grp	3	24,192	1 to 16	2,389	2077.86	1.17	22.22	0.0001
Covid-19	U071grp	4	35,729	128 to 173	9,430	8798.42	1.10	22.18	0.0001
Covid-19	U071ngrp	5	35,729	128 to 173	9,430	8798.42	1.10	22.18	0.0001
Plantar Fascial Fibromatosis	M722grp	4	8,643	1 to 19	1,068	865.33	1.27	22.07	0.0001

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Plantar Fascial Fibromatosis	M722ngrp	5	8,643	1 to 19	1,068	865.33	1.27	22.07	0.0001
Emergency Use Of U07	U07grp	3	35,767	128 to 173	9,437	8807.78	1.10	22.00	0.0001
Obstructive Sleep Apnea	G4733grp	5	19,229	7 to 58	5,987	5489.27	1.13	21.94	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	14,277	16 to 82	5,637	5155.25	1.15	21.86	0.0001
Deficiency Other B Group Vitamins	E53grp	3	15,578	80 to 99	2,063	1778.78	1.18	21.59	0.0001
Other hammer toe(s) (acquired), left foot	M2042grp	5	4,225	1 to 22	656	503.21	1.36	21.15	0.0001
Cardiomegaly	I517grp	4	15,229	4 to 18	1,461	1226.76	1.21	21.07	0.0001
Cardiomegaly	I517ngrp	5	15,229	4 to 18	1,461	1226.76	1.21	21.07	0.0001
Dehydration	E860grp	4	13,867	9 to 60	4,317	3904.82	1.15	21.04	0.0001
Dehydration	E860ngrp	5	13,867	9 to 60	4,317	3904.82	1.15	21.04	0.0001
Seborrheic Keratosis	L82grp	3	35,294	1 to 13	2,730	2406.49	1.15	20.84	0.0001
Mammographic heterogeneous density of breast	R9233grp	5	418	122 to 183	225	141.89	2.27	20.63	0.0001
Other Melanin Hyperpigmentation	L814ngrp	5	19,982	1 to 13	1,604	1362.46	1.19	20.25	0.0001
Other Melanin Hyperpigmentation	L814grp	4	19,982	1 to 13	1,604	1362.46	1.19	20.25	0.0001
Other Nontoxic Goiter	E04grp	3	9,765	1 to 15	977	791.48	1.26	20.22	0.0001
Chronic Kidney Disease	N18grp	3	20,593	79 to 98	2,640	2327.02	1.15	20.17	0.0001
Other Anxiety Disorders	F41grp	3	37,051	88 to 177	19,141	18285.56	1.10	19.77	0.0001
Other Malaise And Fatigue	R538grp	4	37,413	84 to 113	6,843	6340.21	1.10	19.45	0.0002
Other Forms Of Angina Pectoris	I208ngrp	5	2,495	1 to 54	903	728.49	1.38	19.41	0.0002
Astigmatism	H522grp	4	13,497	1 to 15	1,306	1093.96	1.22	19.34	0.0002
Secondary Hypertension	I15grp	3	5,600	85 to 105	833	666.17	1.29	19.34	0.0002
Dense Breasts Unspecified	R9230grp	5	335	124 to 183	182	110.6	2.41	19.25	0.0002
Mammographic calcification found on diagnostic imaging of breast	R921grp	4	3,457	1 to 30	718	565	1.34	19.07	0.0002
Mammographic calcification found on diagnostic imaging of breast	R921ngrp	5	3,457	1 to 30	718	565	1.34	19.07	0.0002
Deficiency Spec B Group Vitamins	E538grp	4	14,303	81 to 100	1,893	1637.32	1.18	19.00	0.0002
Deficiency Spec B Group Vitamins	E538ngrp	5	14,303	81 to 100	1,893	1637.32	1.18	19.00	0.0002
Hypersomnia	G471grp	4	2,600	1 to 38	686	537.97	1.37	18.72	0.0004
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	12,276	16 to 82	4,846	4432.71	1.15	18.71	0.0004
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	12,276	16 to 82	4,846	4432.71	1.15	18.71	0.0004

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Fibroblastic Disorders	M72grp	3	9,960	1 to 19	1,196	997.19	1.23	18.62	0.0006
Diverticular Disease Of Intestine	K57grp	3	34,828	36 to 79	8,784	8227.67	1.09	18.43	0.0007
Vomiting	R111grp	4	6,205	2 to 75	2,783	2475.76	1.23	18.33	0.0007
Tinea Unguium	B351grp	4	16,879	1 to 29	2,993	2674.92	1.15	18.21	0.0007
Tinea Unguium	B351ngrp	5	16,879	1 to 29	2,993	2674.92	1.15	18.21	0.0007
Other Fatigue	R5383grp	5	29,182	84 to 113	5,371	4945.34	1.11	17.83	0.0008
Other Specified Disorders Of Breast	N6489grp	5	5,055	1 to 13	461	344.67	1.37	17.73	0.0008
Other Hypertrophic Disorders Skin	L918grp	4	8,368	1 to 27	1,424	1210.95	1.21	17.73	0.0008
Other Hypertrophic Disorders Skin	L918ngrp	5	8,368	1 to 27	1,424	1210.95	1.21	17.73	0.0008
Depression Unspecified	F32Angrp	5	14,993	93 to 183	7,977	7458.5	1.15	17.64	0.0009
Depression Unspecified	F32Agrp	4	14,993	93 to 183	7,977	7458.5	1.15	17.64	0.0009
Disloc Sprain Joint Ligaments Knee	S83grp	3	7,235	1 to 12	580	448.66	1.32	17.58	0.0009
Vomiting Unspecified	R1110grp	5	5,352	2 to 48	1,589	1365.01	1.23	17.45	0.0011
Myopia Bilateral	H5213grp	5	8,488	1 to 23	1,249	1051.7	1.22	17.45	0.0011
Myopia	H521grp	4	10,020	1 to 23	1,455	1241.52	1.20	17.39	0.0011
Unspecified Eustachian tube disorder	H699grp	4	2,214	97 to 177	1,169	978.89	1.41	17.37	0.0011
Chronic Kidney Disease Stage 3a	N1831grp	5	4,325	85 to 106	681	539.2	1.31	17.20	0.0011
Pneumonia Unspecified Organism	J18grp	3	12,924	129 to 179	3,916	3561.45	1.14	17.10	0.0013
Acute Sinusitis	J01grp	3	31,024	142 to 183	7,679	7178.25	1.09	17.10	0.0013
Disorders Of Vitreous Body	H43grp	3	24,950	5 to 8	746	598.23	1.26	16.91	0.0015
Sleep disorders not due to a substance or known physiological condition	F51grp	3	9,465	80 to 99	1,276	1080.76	1.21	16.66	0.0019
Unspecified Abdominal Pain	R109grp	4	19,910	30 to 61	3,750	3408	1.12	16.62	0.0019
Unspecified Abdominal Pain	R109ngrp	5	19,910	30 to 61	3,750	3408	1.12	16.62	0.0019
Cyst Of Kidney Acquired	N281grp	4	11,131	3 to 18	1,128	946.81	1.21	16.33	0.0023
Cyst Of Kidney Acquired	N281ngrp	5	11,131	3 to 18	1,128	946.81	1.21	16.33	0.0023
Other Specified Disorders Of Breast	N648grp	4	5,157	1 to 13	464	351.63	1.35	16.30	0.0023
Insomnia not due to a substance or known physiological condition	F510grp	4	8,497	80 to 99	1,153	970.23	1.22	16.23	0.0025
Type 1 Diabetes Mellitus	E10grp	3	7,433	1 to 9	468	355.54	1.34	16.16	0.0026
Pain Localized To Upper Abdomen	R101grp	4	16,456	18 to 71	5,260	4858.56	1.12	16.16	0.0026
Primary Insomnia	F5101grp	5	4,579	80 to 99	658	522.85	1.30	16.13	0.0026

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Biomechanical lesions, not elsewhere classified	M99grp	3	18,267	1 to 23	2,538	2263.36	1.14	16.03	0.0032
Other forms of acute ischemic heart disease	I2489grp	5	268	117 to 183	160	98.72	2.54	15.98	0.0035
Other disorders of kidney and ureter, not elsewhere classified	N28grp	3	21,923	3 to 18	2,114	1864.79	1.15	15.96	0.0038
Other Disorders Of Pigmentation	L81grp	3	26,383	1 to 16	2,540	2266.05	1.13	15.94	0.0038
Open angle with borderline findings, low risk	H4001grp	5	6,744	1 to 14	640	507.89	1.29	15.86	0.0042
Disorder of the skin and subcutaneous tissue, unspecified	L989grp	4	7,673	83 to 104	1,140	960.62	1.22	15.80	0.0044
Disorder of the skin and subcutaneous tissue, unspecified	L989ngrp	5	7,673	83 to 104	1,140	960.62	1.22	15.80	0.0044
Hemorrhoids and perianal venous thrombosis	K64grp	3	28,984	55 to 86	5,457	5052.62	1.10	15.78	0.0046
Other Anemias	D64grp	3	23,799	147 to 183	5,312	4913.55	1.10	15.75	0.0049
Shortness Of Breath	R0602grp	5	25,655	1 to 19	2,857	2568.57	1.13	15.63	0.0057
Hypersomnia Unspecified	G4710grp	5	1,607	1 to 39	448	340.05	1.44	15.57	0.006
Non-pressure chronic ulcer of lower limb, not elsewhere classified	L97grp	3	7,698	1 to 9	480	368.21	1.32	15.47	0.0063
Fever Of Other And Unknown Origin	R50grp	3	18,794	128 to 180	5,778	5365.61	1.11	15.47	0.0063
Acute Up Respiratory Infection Uns	J069ngrp	5	33,723	137 to 179	8,378	7880.12	1.08	15.43	0.0063
Acute Up Respiratory Infection Uns	J069grp	4	33,723	137 to 179	8,378	7880.12	1.08	15.43	0.0063
Unstable Angina	I200grp	4	1,944	1 to 22	321	231.53	1.46	15.41	0.0065
Unstable Angina	I200ngrp	5	1,944	1 to 22	321	231.53	1.46	15.41	0.0065
Acute upper respiratory infections of multiple and unspecified sites	J06grp	3	34,023	137 to 179	8,449	7950.22	1.08	15.35	0.0068
Nonrheumatic Aortic Valve Disorders	I35grp	3	9,408	1 to 19	1,117	941.92	1.21	15.35	0.0068
Anemia Unspecified	D649ngrp	5	23,032	147 to 183	5,142	4755.2	1.11	15.34	0.007
Anemia Unspecified	D649grp	4	23,032	147 to 183	5,142	4755.2	1.11	15.34	0.007
Pneumonia Unspecified Organism	J189ngrp	5	10,965	129 to 179	3,331	3021.61	1.15	15.33	0.007
Pneumonia Unspecified Organism	J189grp	4	10,965	129 to 179	3,331	3021.61	1.15	15.33	0.007
Fever Unspecified	R509grp	4	17,989	128 to 180	5,537	5135.78	1.11	15.29	0.0073
Fever Unspecified	R509ngrp	5	17,989	128 to 180	5,537	5135.78	1.11	15.29	0.0073
Regular Astigmatism	H5222grp	5	8,367	1 to 8	470	360.14	1.32	15.27	0.0075

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	26,400	51 to 79	4,440	4083.8	1.11	15.11	0.0087
Abnormal Serum Enzyme Levels	R74grp	3	16,022	81 to 100	2,074	1834.1	1.15	15.05	0.009
Diverticular disease of large intestine without perforation or abscess	K573grp	4	28,245	42 to 79	6,215	5792.99	1.09	15.03	0.0091
Other Disorders Of Eyelid	H02grp	3	12,782	1 to 22	1,741	1522.36	1.17	15.00	0.0091
Background retinopathy and retinal vascular changes	H350grp	4	4,952	1 to 54	1,658	1445.88	1.22	14.85	0.0111
Sleep Disorders	G47grp	3	41,841	7 to 63	13,718	13090.37	1.07	14.85	0.0112
Polyp Of Colon	K635ngrp	5	19,436	31 to 77	5,323	4937.28	1.11	14.70	0.0135
Polyp Of Colon	K635grp	4	19,436	31 to 77	5,323	4937.28	1.11	14.70	0.0135
Hypertrophic Disorders Of Skin	L91grp	3	10,328	1 to 27	1,708	1494.58	1.17	14.56	0.0159
Other Abdominal Pain	R108grp	4	7,594	4 to 54	2,359	2106.86	1.17	14.53	0.0168
Pain Not Elsewhere Classified	G89grp	3	43,969	83 to 106	6,490	6066.05	1.08	14.50	0.0171
Obesity Unspecified	E669ngrp	5	18,022	24 to 38	1,709	1495.99	1.16	14.50	0.0171
Obesity Unspecified	E669grp	4	18,022	24 to 38	1,709	1495.99	1.16	14.50	0.0171
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51grp	3	30,178	1 to 10	1,800	1581.17	1.15	14.49	0.0171
Corns And Callosities	L84nnggrp	5	9,204	1 to 14	839	693.15	1.23	14.37	0.0204
Corns And Callosities	L84grp	3	9,204	1 to 14	839	693.15	1.23	14.37	0.0204
Corns And Callosities	L84ngrp	4	9,204	1 to 14	839	693.15	1.23	14.37	0.0204
Bilateral Prim Osteoarthritis Knee	M170grp	4	7,589	1 to 10	509	397.62	1.30	14.32	0.0213
Bilateral Prim Osteoarthritis Knee	M170ngrp	5	7,589	1 to 10	509	397.62	1.30	14.32	0.0213
Other Enthesopathies	M77grp	3	15,992	1 to 27	2,576	2314.23	1.14	14.28	0.0224
Dermatophytosis	B35grp	3	24,935	1 to 29	4,292	3951.61	1.10	14.27	0.0228
Pain In Foot And Toes	M7967grp	5	20,624	1 to 14	1,768	1553.19	1.15	14.22	0.0246
Other specified disorders of bone density and structure, other site	M8588grp	5	3,232	1 to 19	424	323.59	1.36	14.18	0.0254
Abnormal Electrocardiogram	R9431grp	5	26,931	1 to 27	4,234	3897.24	1.10	14.16	0.0261
Atherosclerosis of native arteries of the extremities	I702grp	4	6,871	2 to 22	934	780.82	1.23	14.13	0.0275
Abnormal Results Pulm Function Std	R942grp	4	1,037	5 to 11	77	39.3	2.04	14.09	0.0289
Abnormal Results Pulm Function Std	R942ngrp	5	1,037	5 to 11	77	39.3	2.04	14.09	0.0289
Other Seborrheic Keratosis	L821ngrp	5	23,858	1 to 13	1,845	1626.74	1.15	14.03	0.0307

Table 3f. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other Seborrheic Keratosis	L821grp	4	23,858	1 to 13	1,845	1626.74	1.15	14.03	0.0307
Abnormal Weight Loss	R634ngrp	5	6,644	55 to 93	1,637	1431.98	1.19	14.03	0.0307
Abnormal Weight Loss	R634grp	4	6,644	55 to 93	1,637	1431.98	1.19	14.03	0.0307
Cortical Age-Related Cataract	H2501grp	5	3,038	1 to 21	447	344.35	1.35	13.97	0.0319
Generalized Abdominal Pain	R1084grp	5	6,501	8 to 54	1,875	1656.21	1.19	13.86	0.0364
Conductive Sensorineural Hear Loss	H90grp	3	14,664	1 to 28	2,489	2235.58	1.14	13.86	0.0364
Chronic Pain Nec	G892grp	4	29,041	80 to 106	4,774	4420.03	1.10	13.82	0.037
Tear Of Meniscus Current Injury	S832grp	4	4,178	1 to 12	348	259.09	1.37	13.76	0.0394
Nonrheumatic tricuspid valve disorders	I36grp	3	7,121	1 to 21	960	807.14	1.22	13.64	0.0444

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
Nausea And Vomiting	R11grp	3	20,890	2 to 41	5,805	4502.29	1.41	173.26	0.0001
Nausea With Vomiting Unspecified	R112grp	4	11,264	2 to 26	2,166	1508.48	1.55	126.28	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	11,264	2 to 26	2,166	1508.48	1.55	126.28	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	2,048	1 to 19	438	205.51	2.44	98.97	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	3,115	1 to 17	520	280.15	2.03	81.80	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	958	1 to 19	246	96.13	3.10	81.28	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	1,515	1 to 20	323	160.76	2.29	63.14	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	1,515	1 to 20	323	160.76	2.29	63.14	0.0001
Abdominal And Pelvic Pain	R10grp	3	21,112	2 to 51	6,479	5703.07	1.20	50.80	0.0001
Diarrhea Unspecified	R197ngrp	5	9,180	3 to 52	2,993	2485.74	1.31	48.67	0.0001
Diarrhea Unspecified	R197grp	4	9,180	3 to 52	2,993	2485.74	1.31	48.67	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	3,026	2 to 21	512	326.12	1.69	45.07	0.0001
Volume Depletion	E86grp	3	15,154	4 to 61	5,414	4754.59	1.22	43.94	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	10,533	6 to 52	3,179	2695.02	1.26	41.17	0.0001
Nausea	R110ngrp	5	6,364	2 to 61	2,480	2057.35	1.34	40.79	0.0001
Nausea	R110grp	4	6,364	2 to 61	2,480	2057.35	1.34	40.79	0.0001
Dehydration	E860ngrp	5	12,032	3 to 60	4,325	3772.58	1.23	38.74	0.0001
Dehydration	E860grp	4	12,032	3 to 60	4,325	3772.58	1.23	38.74	0.0001

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	966	1 to 6	85	28.17	3.22	37.05	0.0001
Vomiting	R111grp	4	3,262	2 to 24	573	402.24	1.52	32.00	0.0001
Vomiting Unspecified	R1110grp	5	2,938	2 to 23	506	347.51	1.55	31.65	0.0001
Pain In Throat And Chest	R07grp	3	21,528	1 to 7	949	747.32	1.29	25.07	0.0001
Unspecified Abdominal Pain	R109grp	4	7,161	2 to 52	2,292	1970.9	1.24	24.89	0.0001
Unspecified Abdominal Pain	R109ngrp	5	7,161	2 to 52	2,292	1970.9	1.24	24.89	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	15,857	3 to 45	4,123	3689.74	1.16	24.58	0.0001
Acute Kidney Failure Unspecified	N179grp	4	15,857	3 to 45	4,123	3689.74	1.16	24.58	0.0001
Acute Kidney Failure	N17grp	3	17,420	3 to 45	4,485	4053.43	1.15	22.28	0.0001
Other functional intestinal disorders	K59grp	3	9,436	13 to 79	3,811	3418.99	1.19	21.73	0.0001
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	6,657	9 to 67	2,429	2126.79	1.23	20.56	0.0002
Constipation	K590grp	4	9,013	13 to 79	3,638	3265.72	1.19	20.52	0.0002
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	5,914	9 to 66	2,126	1859.06	1.23	18.34	0.0003
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	5,914	9 to 66	2,126	1859.06	1.23	18.34	0.0003
Other specified diabetes mellitus with ketoacidosis	E131grp	4	239	1 to 13	46	16.22	3.28	18.18	0.0003
Pleural effusion, not elsewhere classified	J90nngp	5	5,704	127 to 183	2,096	1833.02	1.23	18.05	0.0003
Pleural effusion, not elsewhere classified	J90ngrp	4	5,704	127 to 183	2,096	1833.02	1.23	18.05	0.0003
Pleural effusion, not elsewhere classified	J90grp	3	5,704	127 to 183	2,096	1833.02	1.23	18.05	0.0003
Constipation Unspecified	K5900grp	5	7,838	10 to 79	3,301	2968.15	1.20	18.05	0.0003
Type 2 Diabetes Mellitus	E11grp	3	2,834	1 to 20	408	300.72	1.42	17.20	0.0003
Other specified diabetes mellitus with ketoacidosis without coma	E1310grp	5	231	1 to 11	39	13.06	3.39	16.73	0.0008
Other forms of acute ischemic heart disease	I2489grp	5	281	121 to 183	162	99.31	2.49	16.59	0.0009
Pain Localized To Upper Abdomen	R101grp	4	5,312	1 to 40	1,333	1136.15	1.23	16.16	0.0016
Fatty (change of) liver, not elsewhere classified	K760grp	4	4,925	1 to 38	1,183	998.54	1.24	16.09	0.0019
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	4,925	1 to 38	1,183	998.54	1.24	16.09	0.0019
Unspecified adverse effect of drug or medicament	T887grp	4	223	1 to 25	65	29.59	2.69	15.74	0.0028
Unspecified adverse effect of drug or medicament	T887Xgrp	5	223	1 to 25	65	29.59	2.69	15.74	0.0028

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other Chest Pain	R078grp	4	9,393	1 to 6	371	273.88	1.37	15.49	0.0031
Other Chest Pain	R0789grp	5	8,472	1 to 6	338	247.03	1.39	15.01	0.0054
Unspecified severe protein-calorie malnutrition	E43ngrp	5	1,040	133 to 181	382	288.14	1.52	13.86	0.0192
Unspecified severe protein-calorie malnutrition	E43ngrp	4	1,040	133 to 181	382	288.14	1.52	13.86	0.0192
Unspecified severe protein-calorie malnutrition	E43grp	3	1,040	133 to 181	382	288.14	1.52	13.86	0.0192
Other Abdominal Pain	R108grp	4	3,012	6 to 20	336	248.88	1.40	13.73	0.0228
Anesthesia Of Skin	R200grp	4	1,611	1 to 8	111	65.01	1.76	13.39	0.0308
Anesthesia Of Skin	R200ngrp	5	1,611	1 to 8	111	65.01	1.76	13.39	0.0308
Headache	R51grp	3	9,906	1 to 7	444	343.87	1.31	13.34	0.0323
Acidosis	E872ngrp	5	2,277	1 to 64	933	784.71	1.32	13.21	0.0371
Generalized Abdominal Pain	R1084grp	5	2,515	6 to 20	286	207.81	1.43	13.15	0.0391
Overweight And Obesity	E66grp	3	8,709	7 to 64	3,020	2747.41	1.15	13.13	0.0399
Epigastric Pain	R1013grp	5	2,496	1 to 34	565	451.84	1.32	13.12	0.0402
Pulmonary Edema	J81grp	3	3,847	133 to 183	1,288	1113.89	1.24	12.96	0.0469
Obesity Unspecified	E669grp	4	5,711	7 to 65	2,052	1830.12	1.19	12.96	0.0469
Obesity Unspecified	E669ngrp	5	5,711	7 to 65	2,052	1830.12	1.19	12.96	0.0469
Inpatient, Emergency Department, or Outpatient Setting									
Nausea And Vomiting	R11grp	3	61,828	3 to 63	24,788	20749.38	1.33	371.08	0.0001
Nausea	R110grp	4	29,830	18 to 64	9,837	7742.97	1.41	260.96	0.0001
Nausea	R110ngrp	5	29,830	18 to 64	9,837	7742.97	1.41	260.96	0.0001
Type 2 Diabetes Mellitus	E11grp	3	24,165	1 to 43	7,437	5758.04	1.42	224.18	0.0001
Overweight And Obesity	E66grp	3	71,569	24 to 42	9,434	7648.67	1.27	194.07	0.0001
Constipation	K590grp	4	43,585	27 to 98	19,851	17376.43	1.26	168.88	0.0001
Other functional intestinal disorders	K59grp	3	45,344	27 to 98	20,576	18077.71	1.26	165.69	0.0001
Fatty (change of) liver, not elsewhere classified	K760grp	4	26,088	1 to 30	5,533	4320.02	1.36	156.39	0.0001
Fatty (change of) liver, not elsewhere classified	K760ngrp	5	26,088	1 to 30	5,533	4320.02	1.36	156.39	0.0001
Other Diseases Of Liver	K76grp	3	33,288	1 to 26	5,904	4670.14	1.32	150.40	0.0001
Mammographic density found on imaging of breast	R923grp	4	2,821	131 to 183	1,337	818.47	2.21	137.62	0.0001
Nausea With Vomiting Unspecified	R112ngrp	5	24,344	2 to 54	8,446	7035.22	1.31	133.01	0.0001
Nausea With Vomiting Unspecified	R112grp	4	24,344	2 to 54	8,446	7035.22	1.31	133.01	0.0001
Type 2 DM Without Complications	E119ngrp	5	17,315	1 to 44	5,306	4208.88	1.38	132.07	0.0001

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Type 2 DM Without Complications	E119grp	4	17,315	1 to 44	5,306	4208.88	1.38	132.07	0.0001
Obesity Unspecified	E669grp	4	35,306	24 to 43	5,031	3975.5	1.31	129.23	0.0001
Obesity Unspecified	E669ngrp	5	35,306	24 to 43	5,031	3975.5	1.31	129.23	0.0001
Metabolic syndrome and other insulin resistance	E8881grp	5	9,051	22 to 43	1,690	1115.27	1.64	127.71	0.0001
Other Specified Metabolic Disorders	E888grp	4	9,475	21 to 43	1,831	1235.19	1.60	124.97	0.0001
Age-Related Cataract	H25grp	3	54,307	1 to 22	7,878	6562.43	1.24	123.98	0.0001
Constipation Unspecified	K5900grp	5	30,607	27 to 98	13,917	12202.37	1.26	115.43	0
Vitamin D Deficiency Unspecified	E559grp	4	41,788	81 to 100	5,847	4793.62	1.26	108.17	0.0001
Vitamin D Deficiency Unspecified	E559ngrp	5	41,788	81 to 100	5,847	4793.62	1.26	108.17	0.0001
Vitamin D Deficiency	E55grp	3	41,816	81 to 100	5,850	4796.83	1.26	108.06	0.0001
Disorders of lipoprotein metabolism and other lipidemias	E78grp	3	46,506	81 to 100	6,422	5334.84	1.24	104.03	0.0001
Disorders Refraction Accommodation	H52grp	3	59,523	1 to 23	8,741	7480.78	1.20	100.77	0.0001
Other and unspecified metabolic disorders	E88grp	3	12,523	20 to 42	2,221	1639.3	1.43	92.82	0.0001
Poisoning by, adverse effect of and underdosing of other and unspecified drugs, medicaments and biological substances	T509grp	4	5,808	2 to 51	2,131	1596.49	1.53	80.91	0.0001
Type 2 diabetes mellitus with other specified complications	E116grp	4	3,823	1 to 36	1,139	764.91	1.70	79.41	0.0001
Other Nonscarring Hair Loss	L65grp	3	5,880	137 to 183	2,017	1514.16	1.51	75.56	0.0001
Mammographic fibroglandular density of breast	R9232grp	5	1,477	122 to 183	791	497.45	2.27	73.33	0.0001
Age-Related Nuclear Cataract	H251grp	4	33,137	1 to 29	6,223	5322.31	1.21	72.31	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383Xgrp	5	2,284	2 to 19	420	219.46	2.12	72.08	0.0001
Poisoning by, adverse effect of and underdosing of insulin and oral hypoglycemic [antidiabetic] drugs	T383grp	4	2,284	2 to 19	420	219.46	2.12	72.08	0.0001
Obesity Due To Excess Calories	E660grp	4	25,996	20 to 99	12,834	11523.19	1.23	72.02	0.0001
Diarrhea Unspecified	R197ngrp	5	31,435	24 to 90	12,771	11467.56	1.19	71.56	0.0001
Diarrhea Unspecified	R197grp	4	31,435	24 to 90	12,771	11467.56	1.19	71.56	0.0001
Abdominal And Pelvic Pain	R10grp	3	74,195	17 to 54	16,879	15376.79	1.13	71.28	0.0001
Nonscarring Hair Loss Unspecified	L659grp	4	4,577	137 to 183	1,594	1178.63	1.54	65.86	0.0001

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Nonscarring Hair Loss Unspecified	L659ngrp	5	4,577	137 to 183	1,594	1178.63	1.54	65.86	0.0001
Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	T50grp	3	7,392	2 to 51	2,567	2031.9	1.40	65.00	0.0001
Age-related nuclear cataract, bilateral	H2513grp	5	29,864	1 to 22	4,310	3608.75	1.23	64.14	0.0001
Abnormal Weight Gain	R635ngrp	5	7,431	20 to 38	1,141	800.38	1.50	63.96	0.0001
Abnormal Weight Gain	R635grp	4	7,431	20 to 38	1,141	800.38	1.50	63.96	0.0001
Type 2 diabetes mellitus with hyperglycemia	E1165grp	5	2,586	1 to 36	792	517.41	1.77	62.59	0.0001
Gastro-Esophageal Reflux Disease	K21grp	3	65,184	26 to 99	28,557	26713.97	1.12	62.44	0.0001
Other symptoms and signs involving the digestive system and abdomen	R19grp	3	47,045	24 to 89	18,302	16849.1	1.14	61.09	0.0001
Poisoning by, adverse effect of and underdosing of other drugs, medicaments and biological substances	T5099grp	5	1,510	2 to 19	297	145.09	2.30	60.86	0.0001
Spondylosis	M47grp	3	42,164	1 to 16	4,362	3681.14	1.21	59.44	0.0001
Osteoarthritis Of Knee	M17grp	3	30,652	1 to 16	3,256	2676.08	1.24	58.76	0.0001
Gerd Without Esophagitis	K219grp	4	59,876	34 to 99	23,393	21821.66	1.12	55.46	0.0001
Gerd Without Esophagitis	K219ngrp	5	59,876	34 to 99	23,393	21821.66	1.12	55.46	0.0001
Other Spondylosis	M478grp	4	34,241	1 to 24	5,180	4461.85	1.19	54.96	0.0001
Proteinuria Unspecified	R809grp	4	11,243	84 to 105	1,829	1420.26	1.34	53.88	0.0001
Proteinuria Unspecified	R809ngrp	5	11,243	84 to 105	1,829	1420.26	1.34	53.88	0.0001
Hepatomegaly, not elsewhere classified	R160ngrp	5	6,087	1 to 30	1,355	1007.97	1.44	53.87	0.0001
Hepatomegaly, not elsewhere classified	R160grp	4	6,087	1 to 30	1,355	1007.97	1.44	53.87	0.0001
Proteinuria	R80grp	3	12,880	84 to 105	2,061	1627.05	1.32	53.33	0.0001
Poisoning by, adverse effect of and underdosing of hormones and their synthetic substitutes and antagonists, not elsewhere classified	T38grp	3	4,306	2 to 19	638	413.74	1.64	52.06	0.0001
Hepatomegaly and splenomegaly, not elsewhere classified	R16grp	3	9,737	1 to 27	1,830	1428.29	1.35	51.85	0.0001
Mixed Hyperlipidemia	E782grp	4	11,402	81 to 100	1,691	1307.96	1.34	51.31	0.0001
Mixed Hyperlipidemia	E782ngrp	5	11,402	81 to 100	1,691	1307.96	1.34	51.31	0.0001
Spondylosis without myelopathy or radiculopathy	M4781grp	5	30,504	1 to 24	4,629	3974.9	1.20	51.12	0.0001

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other disorders of bone density and structure	M85grp	3	23,127	1 to 22	3,341	2794.66	1.23	50.25	0.0001
Other specified disorders of bone density and structure	M858grp	4	22,007	1 to 22	3,187	2659.32	1.23	49.22	0.0001
Morbid (severe) obesity due to excess calories	E6601grp	5	20,871	20 to 98	10,089	9127.46	1.20	49.03	0.0001
Unilateral primary osteoarthritis of knee	M171grp	4	21,078	1 to 9	1,359	1026.04	1.35	48.98	0.0001
Abnormal Results Function Studies	R94grp	3	49,836	1 to 45	13,428	12334.68	1.12	47.18	0.0001
Hyperlipidemia Unspecified	E785ngrp	5	25,197	83 to 103	3,550	3005.21	1.21	46.67	0.0001
Hyperlipidemia Unspecified	E785grp	4	25,197	83 to 103	3,550	3005.21	1.21	46.67	0.0001
Abnormalities Of Breathing	R06grp	3	61,197	1 to 34	12,473	11431.37	1.12	46.16	0.0001
Symptoms and signs concerning food and fluid intake	R63grp	3	23,521	21 to 98	11,119	10138.89	1.18	45.99	0.0001
Unspecified adverse effect of drug or medicament	T887grp	4	2,261	3 to 52	873	621.11	1.66	45.31	0.0001
Unspecified adverse effect of drug or medicament	T887Xgrp	5	2,261	3 to 52	873	621.11	1.66	45.31	0.0001
Glaucoma Suspect	H400grp	4	18,448	1 to 28	3,368	2851.16	1.22	44.27	0.0001
Glaucoma	H40grp	3	22,182	1 to 36	5,079	4438.19	1.19	44.22	0.0001
Poisoning by, adverse effect of and underdosing of unspecified drugs, medicaments and biological substances	T5090grp	5	4,164	2 to 56	1,603	1258.28	1.45	43.43	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928ngrp	5	9,729	6 to 44	2,569	2126.97	1.28	43.06	0.0001
Other abnormal and inconclusive findings on diagnostic imaging of breast	R928grp	4	9,729	6 to 44	2,569	2126.97	1.28	43.06	0.0001
Volume Depletion	E86grp	3	20,770	3 to 61	7,460	6691.68	1.18	42.56	0.0001
Acquired Deformities Fingers & Toes	M20grp	3	14,561	1 to 15	1,534	1201.05	1.31	42.40	0.0001
Acute Cough	R051grp	4	12,652	107 to 183	5,959	5276.65	1.25	42.37	0.0001
Acute Cough	R051ngrp	5	12,652	107 to 183	5,959	5276.65	1.25	42.37	0.0001
Drug Induced Constipation	K5903grp	5	3,126	27 to 98	1,582	1246.27	1.55	41.64	0.0001
Cough	R05grp	3	59,879	128 to 180	18,144	16952.67	1.10	41.03	0.0001
Influenza due to other identified influenza virus	J10grp	3	5,363	127 to 180	1,917	1549.61	1.37	40.48	0.0001
Vomiting Unspecified	R1110grp	5	6,619	2 to 47	2,041	1664.13	1.33	39.78	0.0001
Prediabetes	R7303grp	5	10,340	24 to 34	866	631.95	1.41	38.81	0.0001
Other Nontoxic Goiter	E04grp	3	11,583	1 to 18	1,426	1119.1	1.31	38.70	0.0001

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Ckd Stage 3 Moderate	N183grp	4	13,014	85 to 105	1,909	1551.09	1.27	38.45	0.0001
Pleural effusion, not elsewhere classified	J90nngp	5	8,077	136 to 180	2,350	1950.61	1.29	38.37	0.0001
Pleural effusion, not elsewhere classified	J90grp	3	8,077	136 to 180	2,350	1950.61	1.29	38.37	0.0001
Pleural effusion, not elsewhere classified	J90ngp	4	8,077	136 to 180	2,350	1950.61	1.29	38.37	0.0001
Sleep Apnea	G473grp	4	28,792	1 to 42	7,424	6695.58	1.15	38.30	0.0001
Supraventricular Tachycardia Uns	I4710grp	5	801	128 to 183	392	243.26	2.20	38.30	0.0001
Snoring	R0683grp	5	6,555	1 to 44	1,955	1593.37	1.32	38.25	0.0001
Angina Pectoris	I20grp	3	9,624	1 to 42	2,662	2238.06	1.26	37.85	0.0001
Other specified disorders of bone density and structure, thigh	M8585grp	5	5,024	2 to 29	1,034	778.99	1.41	37.82	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	4,758	127 to 180	1,709	1374.8	1.38	37.69	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101ngp	5	4,758	127 to 180	1,709	1374.8	1.38	37.69	0.0001
Dehydration	E860ngp	5	17,020	3 to 60	6,046	5396.72	1.19	37.61	0.0001
Dehydration	E860grp	4	17,020	3 to 60	6,046	5396.72	1.19	37.61	0.0001
Cough, Unspecified	R059grp	4	28,052	122 to 181	9,882	9056.39	1.14	36.59	0.0001
Cough, Unspecified	R059ngp	5	28,052	122 to 181	9,882	9056.39	1.14	36.59	0.0001
Vomiting	R111grp	4	7,654	3 to 47	2,272	1888.7	1.29	36.51	0.0001
Hypercalcemia	E8352grp	5	6,536	83 to 103	1,029	779.54	1.38	36.24	0.0001
Other Abnormalities Of Breathing	R068grp	4	8,759	1 to 52	2,930	2495.69	1.26	35.79	0.0001
Unilateral primary osteoarthritis, left knee	M1712grp	5	10,503	1 to 23	1,637	1320	1.29	35.34	0.0001
Disorders Of Calcium Metabolism	E835grp	4	8,776	83 to 103	1,330	1046.7	1.32	35.29	0.0001
Hypermetropia	H520grp	4	11,434	1 to 36	2,696	2287.72	1.23	34.45	0.0001
Nonrheumatic Mitral Valve Disorders	I34grp	3	16,032	1 to 22	2,312	1937.3	1.23	34.11	0.0001
Other complications of surgical and medical care, not elsewhere classified	T88grp	3	2,977	3 to 52	1,064	817.81	1.47	33.82	0.0001
Other obesity due to excess calories	E6609grp	5	5,125	21 to 43	891	668.11	1.40	33.63	0.0001
Abnormal Glucose	R730grp	4	19,434	24 to 32	1,229	963.87	1.29	33.52	0.0001
Other Anxiety Disorders	F41grp	3	42,966	90 to 180	22,488	21293.81	1.12	32.99	0.0001
Dyspnea	R060grp	4	47,127	1 to 27	7,597	6912.9	1.12	32.82	0.0001

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Nonrheumatic Mitral Insufficiency	I340grp	4	12,187	1 to 22	1,794	1472.67	1.26	32.76	0.0001
Nonrheumatic Mitral Insufficiency	I340ngrp	5	12,187	1 to 22	1,794	1472.67	1.26	32.76	0.0001
Abnormal results of cardiovascular function studies	R943grp	4	37,029	1 to 26	5,785	5194.98	1.14	32.33	0.0001
Age-Related Incipient Cataract	H250grp	4	6,023	1 to 21	915	693	1.38	32.28	0.0001
Other Forms Of Angina Pectoris	I2089grp	5	528	139 to 183	233	131	2.39	32.17	0.0001
Acute Up Respiratory Infection Uns	J069grp	4	37,984	128 to 180	11,594	10753.85	1.11	32.05	0.0001
Acute Up Respiratory Infection Uns	J069ngrp	5	37,984	128 to 180	11,594	10753.85	1.11	32.05	0.0001
Male Erectile Dysfunction	N52grp	3	11,714	84 to 105	1,798	1479.76	1.25	32.01	0.0001
Abnormal and inconclusive findings on diagnostic imaging of breast	R92grp	3	22,437	1 to 44	6,055	5453.92	1.15	32.00	0.0001
Hypertension secondary to endocrine disorders	I152grp	4	4,249	80 to 99	672	486.21	1.45	31.68	0.0001
Hypertension secondary to endocrine disorders	I152ngrp	5	4,249	80 to 99	672	486.21	1.45	31.68	0.0001
Pain In Throat And Chest	R07grp	3	59,385	1 to 26	9,066	8331.42	1.11	31.52	0.0001
Acute upper respiratory infections of multiple and unspecified sites	J06grp	3	38,321	128 to 180	11,685	10849.26	1.11	31.45	0.0001
Abnormal Weight Loss	R634ngrp	5	9,565	55 to 128	4,387	3887.03	1.24	30.88	0.0001
Abnormal Weight Loss	R634grp	4	9,565	55 to 128	4,387	3887.03	1.24	30.88	0.0001
Deficiency Other B Group Vitamins	E53grp	3	17,740	80 to 99	2,391	2029.98	1.21	30.36	0.0001
Covid-19	U071ngrp	5	41,498	128 to 173	10,914	10121.06	1.11	30.33	0.0001
Covid-19	U071grp	4	41,498	128 to 173	10,914	10121.06	1.11	30.33	0.0001
Emergency Use Of U07	U07grp	3	41,544	128 to 173	10,924	10132.28	1.11	30.21	0.0001
Mammographic heterogeneous density of breast	R9233grp	5	564	139 to 183	241	139.93	2.26	29.95	0.0001
Essential Primary Hypertension	I10grp	3	34,158	79 to 98	4,354	3867.88	1.14	29.36	0.0001
Essential Primary Hypertension	I10ngrp	4	34,158	79 to 98	4,354	3867.88	1.14	29.36	0.0001
Essential Primary Hypertension	I10nngp	5	34,158	79 to 98	4,354	3867.88	1.14	29.36	0.0001
Male Erectile Dysfunction Uns	N529ngrp	5	8,421	80 to 99	1,211	963.61	1.30	29.35	0.0001
Male Erectile Dysfunction Uns	N529grp	4	8,421	80 to 99	1,211	963.61	1.30	29.35	0.0001
Inconclusive Mammogram	R922ngrp	5	5,114	1 to 25	901	690.85	1.37	29.14	0.0001
Inconclusive Mammogram	R922grp	4	5,114	1 to 25	901	690.85	1.37	29.14	0.0001
Chronic Kidney Disease	N18grp	3	24,845	81 to 100	3,267	2850.04	1.17	29.13	0.0001
Diverticular Disease Of Intestine	K57grp	3	41,518	31 to 79	11,802	10997.73	1.10	28.77	0.0001

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Complications and ill-defined descriptions of heart disease	I51grp	3	23,979	1 to 18	2,688	2316.75	1.18	28.28	0.0001
Dense Breasts Unspecified	R9230grp	5	416	141 to 183	181	97.88	2.50	28.15	0.0001
Disorders Of Mineral Metabolism	E83grp	3	21,229	75 to 103	3,880	3432.2	1.16	28.04	0.0001
Obstructive Sleep Apnea	G4733grp	5	21,210	7 to 42	4,782	4283.37	1.15	27.98	0.0001
Cough	R05nnggrp	5	12,574	3 to 81	5,958	5399.62	1.20	27.95	0.0001
Cough	R05nggrp	4	12,574	3 to 81	5,958	5399.62	1.20	27.95	0.0001
Other Hypothyroidism	E03grp	3	16,746	77 to 98	2,460	2108.05	1.20	27.88	0.0001
Pain Localized To Upper Abdomen	R101grp	4	19,615	21 to 62	5,035	4524.85	1.15	27.76	0.0001
Other Hammer Toes Acquired	M204grp	4	7,163	1 to 15	780	590.83	1.36	27.49	0.0001
Other Forms Of Angina Pectoris	I208nggrp	5	2,890	1 to 59	1,168	932.67	1.42	27.47	0.0001
Deficiency Spec B Group Vitamins	E538nggrp	5	16,274	80 to 99	2,189	1862.23	1.20	27.13	0.0001
Deficiency Spec B Group Vitamins	E538grp	4	16,274	80 to 99	2,189	1862.23	1.20	27.13	0.0001
Combine Forms Age-Relate Cataract	H2581grp	5	14,036	1 to 28	2,521	2169.28	1.20	27.10	0.0001
Presbyopia	H524nggrp	5	17,268	1 to 15	1,711	1424.33	1.22	27.09	0.0001
Presbyopia	H524grp	4	17,268	1 to 15	1,711	1424.33	1.22	27.09	0.0001
Tinea Unguium	B351grp	4	19,272	1 to 29	3,510	3095.38	1.16	26.62	0.0001
Tinea Unguium	B351nggrp	5	19,272	1 to 29	3,510	3095.38	1.16	26.62	0.0001
Other Disorders Of Veins	I87grp	3	14,376	4 to 24	1,966	1660.08	1.21	26.61	0.0001
Other Spondylopathies	M48grp	3	28,975	1 to 23	4,090	3641.54	1.14	26.56	0.0001
Other Age-Related Cataract	H258grp	4	14,320	1 to 28	2,564	2213.17	1.19	26.45	0.0001
Cardiomegaly	I517grp	4	16,781	1 to 17	1,837	1542.97	1.21	26.40	0.0001
Cardiomegaly	I517nggrp	5	16,781	1 to 17	1,837	1542.97	1.21	26.40	0.0001
Acute Sinusitis	J01grp	3	34,992	142 to 179	7,747	7126.02	1.11	26.33	0.0001
Hypersomnia	G471grp	4	3,017	1 to 66	1,335	1088.09	1.41	26.11	0.0001
Other Abdominal Pain	R108grp	4	9,130	4 to 54	2,927	2553.86	1.22	26.03	0.0001
Unspecified Abdominal Pain	R109grp	4	23,904	16 to 64	7,016	6430.97	1.13	25.87	0.0001
Unspecified Abdominal Pain	R109nggrp	5	23,904	16 to 64	7,016	6430.97	1.13	25.87	0.0001
Chronic Kidney Disease Stage 3a	N1831grp	5	5,136	85 to 106	832	641.75	1.35	25.77	0.0001
Acute Kidney Failure Unspecified	N179nggrp	5	21,970	3 to 54	6,819	6246.8	1.13	25.47	0.0001
Acute Kidney Failure Unspecified	N179grp	4	21,970	3 to 54	6,819	6246.8	1.13	25.47	0.0001

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other and unspecified noninfective gastroenteritis and colitis	K52grp	3	16,668	9 to 83	7,378	6784.27	1.16	25.28	0.0001
Plantar Fascial Fibromatosis	M722grp	4	9,450	1 to 21	1,330	1087.31	1.26	25.27	0.0001
Plantar Fascial Fibromatosis	M722ngrp	5	9,450	1 to 21	1,330	1087.31	1.26	25.27	0.0001
Elevated Blood Glucose Level	R73grp	3	28,363	27 to 35	1,813	1527.44	1.20	25.18	0.0001
Acute Kidney Failure	N17grp	3	23,924	3 to 54	7,395	6802.39	1.13	25.12	0.0001
Myopia	H521grp	4	11,751	1 to 23	1,757	1476.85	1.22	25.04	0.0001
Spinal Stenosis	M480grp	4	27,228	1 to 22	3,703	3290.22	1.15	24.89	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	17,394	5 to 25	2,335	2011.65	1.19	24.71	0.0001
Astigmatism	H522grp	4	15,944	1 to 9	980	776.13	1.28	24.70	0.0001
Myopia Bilateral	H5213grp	5	9,964	1 to 23	1,507	1252.26	1.24	24.32	0.0001
Primary Insomnia	F5101grp	5	5,242	80 to 99	778	599.84	1.35	24.17	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921grp	4	4,132	1 to 27	785	606.11	1.36	24.13	0.0001
Mammographic calcification found on diagnostic imaging of breast	R921ngrp	5	4,132	1 to 27	785	606.11	1.36	24.13	0.0001
Pain Limb Hand Foot Fingers & Toes	M796grp	4	53,096	1 to 7	2,329	2009.77	1.17	24.12	0.0001
Generalized Abdominal Pain	R1084grp	5	7,807	4 to 54	2,516	2183.79	1.22	24.09	0.0001
Nonrheumatic tricuspid valve disorders	I36grp	3	8,235	1 to 10	592	439.23	1.38	23.94	0.0001
Hypothyroidism Unspecified	E039ngrp	5	14,666	77 to 98	2,150	1846.21	1.19	23.73	0.0001
Hypothyroidism Unspecified	E039grp	4	14,666	77 to 98	2,150	1846.21	1.19	23.73	0.0001
Fever Unspecified	R509grp	4	20,440	121 to 180	7,128	6562.47	1.13	23.72	0.0001
Fever Unspecified	R509ngrp	5	20,440	121 to 180	7,128	6562.47	1.13	23.72	0.0001
Other Hypertrophic Disorders Skin	L918ngrp	5	9,125	1 to 27	1,596	1338.52	1.23	23.32	0.0001
Other Hypertrophic Disorders Skin	L918grp	4	9,125	1 to 27	1,596	1338.52	1.23	23.32	0.0001
Other Retinal Disorders	H35grp	3	29,373	1 to 22	3,961	3549.42	1.13	23.00	0.0001
Unspecified Eustachian tube disorder	H699grp	4	2,504	97 to 182	1,413	1173.43	1.47	22.95	0.0001
Open angle with borderline findings, low risk	H4001grp	5	8,126	1 to 14	799	623.29	1.31	22.72	0.0001
Other disorders of kidney and ureter, not elsewhere classified	N28grp	3	26,009	2 to 13	1,942	1660.26	1.18	22.66	0.0001
Secondary Hypertension	I15grp	3	6,259	84 to 115	1,352	1119.42	1.27	22.65	0.0001

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Fever Of Other And Unknown Origin	R50grp	3	21,365	121 to 180	7,423	6859.45	1.13	22.57	0.0001
Abnormal result of other cardiovascular function study	R9439grp	5	4,481	1 to 72	2,051	1761.87	1.30	22.53	0.0001
Seborrheic Keratosis	L82grp	3	42,938	1 to 13	3,351	2979.73	1.14	22.24	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529ngrp	5	14,292	16 to 83	5,755	5264.7	1.16	22.17	0.0001
Noninfective gastroenteritis and colitis, unspecified	K529grp	4	14,292	16 to 83	5,755	5264.7	1.16	22.17	0.0001
Sleep disorders not due to a substance or known physiological condition	F51grp	3	10,548	80 to 99	1,444	1207	1.23	21.88	0.0001
Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction	I65grp	3	15,468	1 to 16	1,600	1350.44	1.21	21.76	0.0001
Cyst Of Kidney Acquired	N281ngrp	5	13,527	1 to 13	1,147	938.72	1.24	21.57	0.0001
Cyst Of Kidney Acquired	N281grp	4	13,527	1 to 13	1,147	938.72	1.24	21.57	0.0001
Disorders Of Lacrimal System	H04grp	3	28,927	1 to 24	4,179	3769.4	1.13	21.50	0.0001
Other specified disorders of bone density and structure, other site	M8588grp	5	3,998	1 to 9	293	194.62	1.55	21.50	0.0001
Headache	R51ngrp	4	4,000	2 to 48	1,247	1029.85	1.31	21.44	0.0001
Headache	R51nngp	5	4,000	2 to 48	1,247	1029.85	1.31	21.44	0.0001
Hypertrophic Disorders Of Skin	L91grp	3	11,375	1 to 27	1,942	1668.56	1.20	21.28	0.0001
Dry Eye Syndrome	H0412grp	5	27,634	1 to 24	3,999	3600.91	1.13	21.25	0.0001
Enthesopathies, lower limb, excluding foot	M76grp	3	11,358	1 to 15	1,143	936.85	1.25	21.18	0.0001
Hypermetropia Bilateral	H5203grp	5	9,378	1 to 36	2,165	1876.36	1.20	21.15	0.0001
Nonrheumatic tricuspid (valve) insufficiency	I361grp	4	7,533	1 to 10	539	401.78	1.37	21.14	0.0001
Nonrheumatic tricuspid (valve) insufficiency	I361ngrp	5	7,533	1 to 10	539	401.78	1.37	21.14	0.0001
Insomnia not due to a substance or known physiological condition	F510grp	4	9,529	80 to 99	1,312	1090.4	1.24	21.13	0.0001
Occlusion & Stenosis Carotid Artery	I652grp	4	14,646	1 to 16	1,518	1278.67	1.21	21.12	0.0001
Nontoxic Multinodular Goiter	E042grp	4	3,560	1 to 21	548	409.61	1.40	21.12	0.0001
Nontoxic Multinodular Goiter	E042ngrp	5	3,560	1 to 21	548	409.61	1.40	21.12	0.0001
Fibroblastic Disorders	M72grp	3	11,132	1 to 21	1,519	1280.84	1.22	20.89	0.0001
Other Disorders Of Lacrimal Gland	H041grp	4	27,681	1 to 24	4,002	3607.04	1.13	20.89	0.0001
Venous insufficiency (chronic) (peripheral)	I872ngrp	5	10,362	5 to 24	1,374	1148.82	1.23	20.76	0.0001

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Venous insufficiency (chronic) (peripheral)	I872grp	4	10,362	5 to 24	1,374	1148.82	1.23	20.76	0.0001
Cortical Age-Related Cataract	H2501grp	5	3,646	1 to 21	558	419.5	1.39	20.69	0.0001
Diverticulosis of large intestine without perforation or abscess without bleeding	K5730grp	5	31,509	31 to 87	10,343	9703.98	1.10	20.63	0.0001
Other hammer toe(s) (acquired), left foot	M2042grp	5	4,681	1 to 22	725	565.65	1.33	20.59	0.0001
Other Malaise And Fatigue	R538grp	4	44,003	81 to 100	5,510	5047.71	1.11	20.57	0.0001
Other Melanin Hyperpigmentation	L814ngrp	5	24,613	1 to 7	1,134	931.64	1.23	20.54	0.0001
Other Melanin Hyperpigmentation	L814grp	4	24,613	1 to 7	1,134	931.64	1.23	20.54	0.0001
Calculus of gallbladder without cholecystitis without obstruction	K8020grp	5	9,398	2 to 26	1,501	1266.22	1.22	20.54	0.0001
Pressure Ulcer	L89grp	3	3,966	145 to 182	1,022	830.69	1.31	20.51	0.0001
Depression Unspecified	F32Angrp	5	17,038	89 to 176	8,783	8197.87	1.15	20.43	0.0001
Depression Unspecified	F32Agrp	4	17,038	89 to 176	8,783	8197.87	1.15	20.43	0.0001
Calculus of gallbladder without cholecystitis	K802grp	4	9,473	2 to 26	1,511	1276.33	1.22	20.37	0.0001
Disorders Of Vitreous Body	H43grp	3	30,222	1 to 21	3,860	3477.31	1.13	20.34	0.0001
Unspecified severe protein-calorie malnutrition	E43grp	3	1,194	136 to 180	403	288.35	1.60	20.26	0.0001
Unspecified severe protein-calorie malnutrition	E43nnggrp	5	1,194	136 to 180	403	288.35	1.60	20.26	0.0001
Unspecified severe protein-calorie malnutrition	E43ngrp	4	1,194	136 to 180	403	288.35	1.60	20.26	0.0001
Other Anemias	D64grp	3	27,943	147 to 183	6,210	5722.22	1.11	20.24	0.0001
Diverticular disease of large intestine without perforation or abscess	K573grp	4	33,743	31 to 83	10,255	9625.42	1.09	20.19	0.0001
Pain In Foot And Toes	M7967grp	5	24,192	1 to 21	3,123	2783.5	1.14	19.92	0.0001
Other Supraventricular Tachycardia	I4719grp	5	275	119 to 183	166	97.52	2.77	19.82	0.0001
Anemia Unspecified	D649ngrp	5	27,057	147 to 183	6,015	5540.79	1.11	19.76	0.0001
Anemia Unspecified	D649grp	4	27,057	147 to 183	6,015	5540.79	1.11	19.76	0.0001
Dermatophytosis	B35grp	3	28,351	4 to 29	4,543	4133.11	1.12	19.70	0.0001
Spinal Stenosis Lumbar Region	M4806grp	5	15,433	1 to 23	2,222	1939.6	1.17	19.63	0.0001
Pneumonia Unspecified Organism	J18grp	3	14,620	129 to 180	4,477	4071.53	1.14	19.56	0.0001
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51grp	3	34,488	1 to 5	1,031	843.41	1.23	19.47	0.0001
Insomnia	G470grp	4	13,401	76 to 137	4,981	4554.3	1.15	19.41	0.0002

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Unilateral primary osteoarthritis, right knee	M1711grp	5	9,865	1 to 7	500	373.41	1.36	19.38	0.0002
Disloc Sprain Joint Ligaments Knee	S83grp	3	8,015	1 to 17	912	736.96	1.27	19.32	0.0002
Other Fatigue	R5383grp	5	34,686	80 to 100	4,542	4136.17	1.11	19.30	0.0002
Abnormal Electrocardiogram	R9431grp	5	31,810	1 to 26	4,882	4462.78	1.11	19.11	0.0002
Acute Sinusitis Unspecified	J0190grp	5	17,783	130 to 179	5,212	4779.59	1.13	19.01	0.0002
Acute Sinusitis Unspecified	J019grp	4	18,112	130 to 179	5,304	4868.02	1.13	18.98	0.0002
Hemorrhoids and perianal venous thrombosis	K64grp	3	34,097	42 to 81	7,838	7308.25	1.09	18.77	0.0002
Acute Pharyngitis	J02grp	3	31,964	128 to 173	8,339	7795.78	1.09	18.52	0.0002
Other Disorders Of Pigmentation	L81grp	3	32,071	1 to 7	1,432	1213.94	1.19	18.51	0.0002
Abnormal Serum Enzyme Levels	R74grp	3	18,762	86 to 108	2,708	2404.46	1.15	18.41	0.0002
Shortness Of Breath	R0602grp	5	30,260	1 to 19	3,418	3075.83	1.13	18.37	0.0002
Other Obesity	E668grp	4	1,429	26 to 32	109	57.42	1.97	18.28	0.0002
Other Obesity	E668ngrp	5	1,429	26 to 32	109	57.42	1.97	18.28	0.0002
Hypersomnia Unspecified	G4710grp	5	1,851	1 to 59	751	597.36	1.43	18.25	0.0002
Type 1 Diabetes Mellitus	E10grp	3	8,582	1 to 50	2,665	2366.53	1.18	18.08	0.0002
Other forms of acute ischemic heart disease	I2489grp	5	308	121 to 183	172	105.22	2.44	17.75	0.0002
Pneumonia Unspecified Organism	J189grp	4	12,406	129 to 181	3,897	3537.11	1.15	17.73	0.0002
Pneumonia Unspecified Organism	J189ngrp	5	12,406	129 to 181	3,897	3537.11	1.15	17.73	0.0002
Anxiety Disorder Unspecified	F419ngrp	5	26,741	91 to 177	13,349	12677.31	1.11	17.52	0.0003
Anxiety Disorder Unspecified	F419grp	4	26,741	91 to 177	13,349	12677.31	1.11	17.52	0.0003
Sensorineural Hear Loss Bilateral	H903grp	4	12,160	5 to 24	1,571	1348.16	1.19	17.48	0.0003
Sensorineural Hear Loss Bilateral	H903ngrp	5	12,160	5 to 24	1,571	1348.16	1.19	17.48	0.0003
Other Ascites	R188grp	4	2,224	127 to 173	700	555.38	1.38	17.38	0.0004
Other Ascites	R188ngrp	5	2,224	127 to 173	700	555.38	1.38	17.38	0.0004
Other Soft Tissue Disorders Nec	M79grp	3	76,864	1 to 7	3,233	2909.42	1.12	17.37	0.0004
Epigastric Pain	R1013grp	5	10,100	21 to 67	2,904	2598.15	1.17	17.34	0.0006
Ascites	R18grp	3	2,268	127 to 173	712	566.37	1.37	17.30	0.0006
Polyp Of Colon	K635ngrp	5	22,930	34 to 83	6,668	6199.9	1.11	17.26	0.0006
Polyp Of Colon	K635grp	4	22,930	34 to 83	6,668	6199.9	1.11	17.26	0.0006
Pain localized to other parts of lower abdomen	R103grp	4	14,217	23 to 54	2,767	2469.69	1.15	17.22	0.0006
Unstable Angina	I200grp	4	2,231	1 to 26	422	313	1.43	17.10	0.0009

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Unstable Angina	I200ngrp	5	2,231	1 to 26	422	313	1.43	17.10	0.0009
Other Chest Pain	R0789grp	5	20,164	1 to 26	3,145	2828.91	1.13	17.04	0.001
Telogen Effluvium	L650ngrp	5	711	121 to 183	339	242.9	1.76	16.91	0.0014
Telogen Effluvium	L650grp	4	711	121 to 183	339	242.9	1.76	16.91	0.0014
Chronic Ischemic Heart Disease	I25grp	3	29,731	1 to 62	10,653	10066.92	1.09	16.77	0.0018
Nontoxic Single Thyroid Nodule	E041ngrp	5	5,816	2 to 14	537	413.76	1.33	16.76	0.0018
Nontoxic Single Thyroid Nodule	E041grp	4	5,816	2 to 14	537	413.76	1.33	16.76	0.0018
Nonrheumatic Aortic Valve Disorders	I35grp	3	11,327	1 to 22	1,588	1368.75	1.19	16.69	0.002
Abnormal Posture	R293grp	4	2,405	1 to 8	170	105.4	1.66	16.66	0.002
Abnormal Posture	R293ngrp	5	2,405	1 to 8	170	105.4	1.66	16.66	0.002
Occlusion and stenosis of bilateral carotid arteries	I6523grp	5	9,928	1 to 10	667	529.52	1.28	16.48	0.0022
Tear Of Meniscus Current Injury	S832grp	4	4,748	1 to 25	792	641.41	1.28	16.44	0.0023
Other Diseases Of Intestine	K63grp	3	31,833	55 to 83	5,385	4975.4	1.10	16.43	0.0023
Type 2 diabetes mellitus with other specified complication	E1169grp	5	1,037	4 to 93	649	513.81	1.70	16.40	0.0023
Other specified disorders of bone density and structure, multiple sites	M8589grp	5	5,231	1 to 30	1,040	866.22	1.25	16.37	0.0025
Acute Posthemorrhagic Anemia	D62nnggrp	5	6,590	99 to 179	3,179	2867.55	1.21	16.34	0.0025
Acute Posthemorrhagic Anemia	D62ngrp	4	6,590	99 to 179	3,179	2867.55	1.21	16.34	0.0025
Acute Posthemorrhagic Anemia	D62grp	3	6,590	99 to 179	3,179	2867.55	1.21	16.34	0.0025
Testicular Hypofunction	E291grp	4	5,537	84 to 105	855	699.46	1.26	16.14	0.003
Testicular Hypofunction	E291ngrp	5	5,537	84 to 105	855	699.46	1.26	16.14	0.003
Testicular Dysfunction	E29grp	3	5,643	81 to 100	797	647.32	1.27	16.11	0.0031
Preglaucoma, Unspecified	H4000grp	5	2,862	1 to 47	894	735.48	1.31	15.98	0.0037
Pulmonary Edema	J81grp	3	5,037	107 to 183	2,365	2100.73	1.24	15.97	0.0037
Spondylolisthesis	M431grp	4	12,162	1 to 14	1,110	932.87	1.21	15.85	0.004
Other abnormal findings of blood chemistry	R79grp	3	35,478	75 to 96	4,734	4359.56	1.10	15.65	0.0053
Acute Pharyngitis Unspecified	J029ngrp	5	26,366	128 to 173	6,884	6430.47	1.10	15.65	0.0054
Acute Pharyngitis Unspecified	J029grp	4	26,366	128 to 173	6,884	6430.47	1.10	15.65	0.0054
Abnormal Results Liver Function Std	R945ngrp	5	5,329	1 to 46	1,553	1343.18	1.22	15.60	0.0058
Abnormal Results Liver Function Std	R945grp	4	5,329	1 to 46	1,553	1343.18	1.22	15.60	0.0058

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Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other Constipation	K5909grp	5	5,662	31 to 107	2,667	2389.26	1.22	15.56	0.006
Other Enthesopathies	M77grp	3	17,710	1 to 14	1,568	1358.42	1.17	15.40	0.0073
Primary Osteoarthritis Other Joints	M190grp	4	25,793	1 to 8	1,322	1130.44	1.18	15.39	0.0073
Cardiac murmurs and other cardiac sounds	R01grp	3	7,512	7 to 11	290	205.58	1.43	15.36	0.0077
Vasomotor And Allergic Rhinitis	J30grp	3	32,522	80 to 99	4,064	3721.48	1.11	15.31	0.0079
Respiratory Failure Nec	J96grp	3	11,814	129 to 183	3,867	3533.16	1.14	15.31	0.0079
Atherosclerosis of native arteries of the extremities	I702grp	4	8,159	1 to 22	1,164	985.93	1.21	15.19	0.0087
Major depressive disorder, recurrent	F33grp	3	19,291	84 to 106	2,830	2548.13	1.13	15.05	0.01
Other specified diabetes mellitus with ketoacidosis	E131grp	4	332	1 to 13	54	23.04	2.61	15.04	0.0103
Inflamed Seborrheic Keratosis	L820ngrp	5	13,855	1 to 22	1,903	1674.23	1.16	14.97	0.0108
Inflamed Seborrheic Keratosis	L820grp	4	13,855	1 to 22	1,903	1674.23	1.16	14.97	0.0108
Other thoracic, thoracolumbar and lumbosacral intervertebral disc displacement	M512grp	4	7,484	1 to 26	1,232	1049.97	1.21	14.94	0.0115
Hyperkalemia	E875ngrp	5	6,150	1 to 4	184	119.55	1.56	14.89	0.0122
Hyperkalemia	E875grp	4	6,150	1 to 4	184	119.55	1.56	14.89	0.0122
Other Disorders Of Peritoneum	K66grp	3	2,535	103 to 159	930	774.13	1.32	14.74	0.0145
Background retinopathy and retinal vascular changes	H350grp	4	5,645	1 to 37	1,345	1156.1	1.21	14.66	0.0158
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129grp	4	22,221	74 to 100	3,699	3379.66	1.11	14.64	0.0163
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I129ngrp	5	22,221	74 to 100	3,699	3379.66	1.11	14.64	0.0163
Insomnia Unspecified	G4700grp	5	11,768	76 to 98	1,769	1551.36	1.17	14.60	0.0171
Generalized Anxiety Disorder	F411grp	4	9,701	90 to 133	2,633	2365.6	1.16	14.58	0.0176
Generalized Anxiety Disorder	F411ngrp	5	9,701	90 to 133	2,633	2365.6	1.16	14.58	0.0176
Immunodeficiency Due Con Class Elsw	D8481grp	5	1,503	87 to 113	314	227.85	1.48	14.55	0.0177
Poisoning by, adverse effect of and underdosing of antineoplastic and immunosuppressive drugs	T451grp	4	1,376	95 to 183	811	667.25	1.52	14.48	0.0191
Poisoning by, adverse effect of and underdosing of antineoplastic and immunosuppressive drugs	T451Xgrp	5	1,376	95 to 183	811	667.25	1.52	14.48	0.0191

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Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Oth Spec Sx Signs Invlv Circ Rs	R098grp	4	35,336	141 to 180	8,060	7587.23	1.08	14.45	0.0197
Cardiac Murmur Unspecified	R011grp	4	7,164	7 to 11	276	196.05	1.42	14.45	0.0197
Cardiac Murmur Unspecified	R011ngrp	5	7,164	7 to 11	276	196.05	1.42	14.45	0.0197
Other symptoms and signs involving cognitive functions and awareness	R41grp	3	19,459	143 to 180	4,318	3974.59	1.11	14.44	0.0202
Flatulence And Related Conditions	R14grp	3	13,448	36 to 51	1,348	1160.45	1.18	14.40	0.0208
Anorexia	R630grp	4	2,758	19 to 78	1,074	907.72	1.30	14.38	0.0219
Anorexia	R630ngrp	5	2,758	19 to 78	1,074	907.72	1.30	14.38	0.0219
Orthostatic Hypotension	I951ngrp	5	5,238	39 to 76	1,247	1067.17	1.22	14.37	0.0222
Orthostatic Hypotension	I951grp	4	5,238	39 to 76	1,247	1067.17	1.22	14.37	0.0222
Unspecified Lump In Breast	N63grp	3	11,477	1 to 21	1,520	1320.53	1.17	14.36	0.0223
Pain In Shoulder	M2551grp	5	17,760	91 to 181	9,307	8801.25	1.12	14.28	0.0245
Pure Hyperglyceridemia	E781ngrp	5	1,522	80 to 99	249	174.16	1.51	14.17	0.028
Pure Hyperglyceridemia	E781grp	4	1,522	80 to 99	249	174.16	1.51	14.17	0.028
Hypertensive Chronic Kidney Disease	I12grp	3	23,036	74 to 100	3,823	3503.61	1.11	14.14	0.0291
Abnormal Levels Other Serum Enzymes	R748grp	4	11,286	87 to 110	1,709	1498.61	1.17	14.13	0.0298
Abnormal Levels Other Serum Enzymes	R748ngrp	5	11,286	87 to 110	1,709	1498.61	1.17	14.13	0.0298
Psn Ae Ud Antihyprlip Antiartrio Rx	T466grp	4	900	81 to 106	199	133.13	1.64	14.12	0.0298
Psn Ae Ud Antihyprlip Antiartrio Rx	T466Xgrp	5	900	81 to 106	199	133.13	1.64	14.12	0.0298
Other Chest Pain	R078grp	4	24,505	1 to 26	3,754	3437.93	1.11	14.11	0.0303
Depressive Episode	F32grp	3	36,761	89 to 176	18,397	17687.63	1.08	14.08	0.0311
Sleep Disorders	G47grp	3	49,045	7 to 66	16,865	16187.43	1.06	14.02	0.033
Other Deforming Dorsopathies	M43grp	3	16,871	1 to 22	2,282	2038.68	1.14	13.98	0.0344
Chest Pain Unspecified	R079grp	4	27,026	2 to 32	4,949	4586.69	1.10	13.96	0.0351
Chest Pain Unspecified	R079ngrp	5	27,026	2 to 32	4,949	4586.69	1.10	13.96	0.0351
Heartburn	R12ngrp	4	6,991	18 to 92	3,178	2889.89	1.18	13.91	0.0374
Heartburn	R12nngpr	5	6,991	18 to 92	3,178	2889.89	1.18	13.91	0.0374
Heartburn	R12grp	3	6,991	18 to 92	3,178	2889.89	1.18	13.91	0.0374
Metatarsalgia Left Foot	M7742grp	5	1,691	3 to 18	214	146.09	1.53	13.78	0.042
Acute Bronchitis	J20grp	3	18,875	129 to 181	5,770	5381.51	1.10	13.71	0.0464
Pain Not Elsewhere Classified	G89grp	3	49,734	91 to 181	25,471	24646.49	1.07	13.70	0.0472

Table 3g. Signal Identification Outcome Assessment¹ with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Other Disorders Of Brain	G93grp	3	11,393	142 to 183	2,887	2615.1	1.14	13.68	0.0482

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

Table 4a. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017, to August 31, 2017. Value = 0.0001								
Total Node								
			Outcomes Among	Node Outcomes	Expected Node		Test	
Node Name	Node ID	Node Level	Risk and Control	Semaglutide	Outcomes Among	Relative	Statistic ²	P-Value
Groups								
Initiators								
Exposure Initiators								
Risk								
P-Value								
Inpatient or Emergency Department Setting								
Acute Kidney Failure	N17grp	3	9,104	4,985	4,656	1.09	29.94	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	8,251	4,511	4,220	1.09	25.28	0.0001
Acute Kidney Failure Unspecified	N179grp	4	8,251	4,511	4,220	1.09	25.28	0.0001
Acute Pancreatitis	K85grp	3	603	388	308	1.26	21.67	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	44	41	23	1.82	18.71	0.0001
Drug induced acute pancreatitis without	K8530grp	5	41	38	21	1.81	16.91	0.0001
Acute Pancreatitis Unspecified	K859grp	4	420	266	215	1.24	12.79	0.0001
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	412	261	211	1.24	12.58	0.0001
Acute And Subacute Hepatic Failure	K720grp	4	136	93	70	1.34	8.33	0.0082
Cardiac Arrest	I46grp	3	218	141	111	1.27	8.17	0.0091
Acute and subacute hepatic failure without coma	K7200grp	5	135	92	69	1.33	8.04	0.013
Inpatient, Emergency Department, or Outpatient Setting								
Acute Kidney Failure	N17grp	3	12,369	6,830	6,189	1.12	74.39	0.0001
Acute Kidney Failure Unspecified	N179grp	4	11,299	6,239	5,654	1.12	67.23	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	11,299	6,239	5,654	1.12	67.23	0.0001
Acute Pancreatitis	K85grp	3	974	620	487	1.28	36.89	0.0001
Acute Pancreatitis Unspecified	K859grp	4	708	440	354	1.24	21.10	0.0001
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	690	428	345	1.24	20.16	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	62	54	31	1.74	19.11	0.0001
Drug induced acute pancreatitis without	K8530grp	5	59	51	30	1.73	17.45	0.0001
Cardiac Arrest	I46grp	3	300	186	150	1.24	8.69	0.0074
Other specified erythematous conditions	L538ngrp	5	5,736	3,023	2,870	1.06	8.56	0.0084
Other Erythematous Conditions	L53grp	3	5,736	3,023	2,870	1.06	8.56	0.0084
Other specified erythematous conditions	L538grp	4	5,736	3,023	2,870	1.06	8.56	0.0084
Acute And Subacute Hepatic Failure	K720grp	4	149	99	75	1.33	8.18	0.0121

Table 4a. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic², Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Semaglutide Initiators	Outcomes Among Exposure Initiators			
Acute and subacute hepatic failure without coma	K7200grp	5	147	97	74	1.32	7.62	0.0196
Sensorineural Hear Loss Bilateral	H903grp	4	6,566	3,439	3,286	1.05	7.60	0.0252
Sensorineural Hear Loss Bilateral	H903ngrp	5	6,566	3,439	3,286	1.05	7.60	0.0252
Conductive Sensorineural Hear Loss	H90grp	3	9,386	4,871	4,697	1.04	7.05	0.0391

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 4b. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting								
N/A ³								
Inpatient, Emergency Department, or Outpatient Setting								
N/A ³								

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

³In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not applicable

Table 4c. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node	Node Outcomes	Expected Node	Relative	Test	P-Value		
			Outcomes Among	Semaglutide	Outcomes Among				Risk	Statistic ²
			Risk and Control	Initiators	Exposure Initiators					
Groups										
Inpatient or Emergency Department Setting										
Acute Kidney Failure	N17grp	3	8,982	4,911	4,591	1.09	28.80	0.0001		
Acute Kidney Failure Unspecified	N179grp	4	8,143	4,447	4,162	1.09	24.58	0.0001		
Acute Kidney Failure Unspecified	N179ngrp	5	8,143	4,447	4,162	1.09	24.58	0.0001		
Acute Pancreatitis	K85grp	3	571	369	292	1.27	21.49	0.0001		
Drug Induced Acute Pancreatitis	K853grp	4	40	38	20	1.86	19.01	0.0001		
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	37	35	19	1.85	17.16	0.0001		
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	394	251	201	1.25	12.81	0.0002		
Acute Pancreatitis Unspecified	K859grp	4	401	255	205	1.25	12.80	0.0002		
Cardiac Arrest	I46grp	3	210	137	107	1.28	8.58	0.007		
Acute And Subacute Hepatic Failure	K720grp	4	133	91	68	1.34	8.21	0.0095		
Acute and subacute hepatic failure without coma	K7200grp	5	132	90	67	1.34	7.92	0.0128		
Inpatient, Emergency Department, or Outpatient Setting										
Acute Kidney Failure	N17grp	3	12,182	6,714	6,104	1.11	68.73	0.0001		
Acute Kidney Failure Unspecified	N179ngrp	5	11,132	6,137	5,578	1.11	62.54	0.0001		
Acute Kidney Failure Unspecified	N179grp	4	11,132	6,137	5,578	1.11	62.54	0.0001		
Acute Pancreatitis	K85grp	3	925	592	463	1.28	36.51	0.0001		
Acute Pancreatitis Unspecified	K859grp	4	677	423	339	1.25	21.09	0.0001		
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	661	413	331	1.25	20.59	0.0001		
Drug Induced Acute Pancreatitis	K853grp	4	59	52	30	1.76	19.32	0.0001		
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	56	49	28	1.75	17.64	0.0001		
Cardiac Arrest	I46grp	3	288	179	144	1.24	8.47	0.0103		
Other specified erythematous conditions	L538ngrp	5	5,111	2,699	2,561	1.06	7.83	0.0218		
Other Erythematous Conditions	L53grp	3	5,111	2,699	2,561	1.06	7.83	0.0218		

Table 4c. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node		Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
			Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators				
Other specified erythematous conditions	L538grp	4	5,111	2,699	2,561	1.06	7.83	0.0218
Acute And Subacute Hepatic Failure	K720grp	4	145	96	73	1.32	7.67	0.0243
Conductive Sensorineural Hear Loss	H90grp	3	8,800	4,581	4,409	1.04	7.29	0.036
Sensorineural Hear Loss Bilateral	H903grp	4	6,209	3,256	3,111	1.05	7.18	0.0401
Sensorineural Hear Loss Bilateral	H903ngrp	5	6,209	3,256	3,111	1.05	7.18	0.0401
Acute and subacute hepatic failure without coma	K7200grp	5	143	94	72	1.31	7.12	0.0418

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 4d. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Wegovy on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting								
N/A ³								
Inpatient, Emergency Department, or Outpatient Setting								
Acute Kidney Failure	N17grp	3	188	117	91	1.3	7.55	0.008
Acute Kidney Failure Unspecified	N179ngrp	5	168	103	81	1.28	5.84	0.0431
Acute Kidney Failure Unspecified	N179grp	4	168	103	81	1.28	5.84	0.0431

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

³In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not applicable

Table 4e. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Total Node								
Node Name	Node ID	Node Level	Outcomes Among	Node Outcomes	Expected Node	Relative	Test	P-Value
			Risk and Control	Semaglutide	Outcomes Among		Risk	
Groups								
Initiators								
Exposure Initiators								
Inpatient or Emergency Department Setting								
Acute Kidney Failure	N17grp	3	8,418	4511	4,239	1.08	22.11	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	7,630	4087	3,843	1.08	19.29	0.0001
Acute Kidney Failure Unspecified	N179grp	4	7,630	4087	3,843	1.08	19.29	0.0001
Acute Pancreatitis	K85grp	3	526	335	265	1.27	19.18	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	37	35	19	1.88	17.64	0.0001
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	34	32	17	1.87	15.76	0.0001
Acute Pancreatitis Unspecified	K859grp	4	371	230	187	1.23	10.24	0.0009
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	364	226	183	1.24	10.21	0.0009
Cardiac Arrest	I46grp	3	197	127	99	1.28	8.00	0.0131
Inpatient, Emergency Department, or Outpatient Setting								
Acute Kidney Failure	N17grp	3	11,363	6,150	5,673	1.1	45.20	0.0001
Acute Kidney Failure Unspecified	N179grp	4	10,380	5,623	5,183	1.1	41.78	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	10,380	5,623	5,183	1.1	41.78	0.0001
Acute Pancreatitis	K85grp	3	836	528	417	1.27	29.85	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	56	49	28	1.75	17.79	0.0001
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	53	46	26	1.74	16.11	0.0001
Acute Pancreatitis Unspecified	K859grp	4	608	372	304	1.23	15.63	0.0001
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	595	364	297	1.23	15.27	0.0001
Other specified erythematous conditions	L538grp	4	3,850	2,050	1,922	1.07	8.82	0.0053
Other Erythematous Conditions	L53grp	3	3,850	2,050	1,922	1.07	8.82	0.0053
Other specified erythematous conditions	L538ngrp	5	3,850	2,050	1,922	1.07	8.82	0.0053
Conductive Sensorineural Hear Loss	H90grp	3	7,339	3,818	3,664	1.05	6.96	0.0452

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 4f. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Total Node								
		Node	Outcomes Among	Node Outcomes	Expected Node		Test	
Node Name	Node ID	Level	Risk and Control	Semaglutide	Outcomes Among	Relative	Statistic ²	P-Value
			Groups	Initiators	Exposure Initiators	Risk		
Inpatient or Emergency Department Setting								
Acute Kidney Failure	N17grp	3	6,171	3,179	2,974	1.09	17.00	0.0001
Acute Pancreatitis	K85grp	3	421	259	203	1.28	15.27	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	5,577	2,859	2,687	1.08	12.83	0.0001
Acute Kidney Failure Unspecified	N179grp	4	5,577	2,859	2,687	1.08	12.83	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	30	27	14	1.87	11.94	0.0002
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	29	26	14	1.86	11.32	0.0004
Acute Pancreatitis Unspecified	K859grp	4	288	173	139	1.25	8.25	0.0074
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	282	169	136	1.25	7.88	0.0134
Inpatient, Emergency Department, or Outpatient Setting								
Acute Kidney Failure	N17grp	3	8,334	4,380	4,023	1.1	34.14	0.0001
Acute Kidney Failure Unspecified	N179grp	4	7,606	3,986	3,671	1.1	28.73	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	7,606	3,986	3,671	1.1	28.73	0.0001
Acute Pancreatitis	K85grp	3	662	404	320	1.27	21.86	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	6,161	3,170	2,974	1.07	13.51	0.0002
Drug Induced Acute Pancreatitis	K853grp	4	38	33	18	1.8	12.54	0.0002
Sensorineural Hear Loss Bilateral	H903ngrp	5	4,294	2,232	2,073	1.08	12.48	0.0002
Sensorineural Hear Loss Bilateral	H903grp	4	4,294	2,232	2,073	1.08	12.48	0.0002
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	37	32	18	1.79	11.95	0.0003
Acute Pancreatitis Unspecified	K859grp	4	470	279	227	1.23	11.68	0.0003
Other specified erythematous conditions	L538grp	4	3,980	2,066	1,921	1.08	11.09	0.0008
Other Erythematous Conditions	L53grp	3	3,980	2,066	1,921	1.08	11.09	0.0008
Other specified erythematous conditions	L538ngrp	5	3,980	2,066	1,921	1.08	11.09	0.0008
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	458	270	221	1.22	10.55	0.0014

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 4g. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting								
Acute Kidney Failure	N17grp	3	7,152	3,897	3,590	1.11	33.05	0.0001
Acute Kidney Failure Unspecified	N179grp	4	6,480	3,533	3,253	1.11	29.71	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	6,480	3,533	3,253	1.11	29.71	0.0001
Acute Pancreatitis	K85grp	3	456	299	229	1.31	22.20	0.0001
Acute Pancreatitis Unspecified	K859grp	4	323	212	162	1.31	15.80	0.0001
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	317	208	159	1.31	15.47	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	26	25	13	1.92	13.70	0.0001
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	24	23	12	1.91	12.40	0.0001
Acute And Subacute Hepatic Failure	K720grp	4	107	73	54	1.36	7.14	0.029
Acute and subacute hepatic failure without coma	K7200grp	5	106	72	53	1.35	6.84	0.0393
Inpatient, Emergency Department, or Outpatient Setting								
Acute Kidney Failure	N17grp	3	9,659	5,330	4,795	1.13	66.49	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	8,813	4,872	4,375	1.13	62.24	0.0001
Acute Kidney Failure Unspecified	N179grp	4	8,813	4,872	4,375	1.13	62.24	0.0001
Acute Pancreatitis	K85grp	3	736	478	365	1.31	35.28	0.0001
Acute Pancreatitis Unspecified	K859grp	4	541	348	269	1.3	23.79	0.0001
Acute pancreatitis without necrosis or infection, unspecified	K8590grp	5	528	339	262	1.3	22.83	0.0001
Drug Induced Acute Pancreatitis	K853grp	4	39	34	19	1.76	12.31	0.0005
Drug induced acute pancreatitis without necrosis or infection	K8530grp	5	37	32	18	1.74	11.19	0.0005
Conductive Sensorineural Hear Loss	H90grp	3	7,259	3,794	3,603	1.06	10.90	0.001
Sensorineural Hear Loss Bilateral	H903ngrp	5	5,051	2,662	2,507	1.07	10.05	0.0018
Sensorineural Hear Loss Bilateral	H903grp	4	5,051	2,662	2,507	1.07	10.05	0.0018
Other specified erythematous conditions	L538grp	4	4,661	2,450	2,314	1.06	8.41	0.0083

Table 4g. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes Among Risk and Control Groups	Node Outcomes Semaglutide Initiators	Expected Node Outcomes Among Exposure Initiators	Relative Risk	Test Statistic ²	P-Value
Other Erythematous Conditions	L53grp	3	4,661	2,450	2,314	1.06	8.41	0.0083
Other specified erythematous conditions	L538ngrp	5	4,661	2,450	2,314	1.06	8.41	0.0083

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Bernoulli log likelihood ratio (LLR) based test statistic.

Table 5a. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
Acute Kidney Failure Unspecified	N179grp	4	19,994	3 to 46	5,194	4622.78	1.21	35.447	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	19,994	3 to 46	5,194	4622.78	1.21	35.447	0.0001
Acute Kidney Failure	N17grp	3	22,019	3 to 46	5,669	5090.98	1.20	33.207	0.0001
Cardiac Arrest	I46grp	3	508	146 to 183	171	115.43	1.73	11.648	0.0119
Inpatient, Emergency Department, or Outpatient Setting									
Acute Kidney Failure Unspecified	N179grp	4	27,743	3 to 46	7,214	6580.86	1.15	30.25	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	27,743	3 to 46	7,214	6580.86	1.15	30.25	0.0001
Acute Kidney Failure	N17grp	3	30,274	3 to 46	7,840	7181.23	1.14	30.12	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	22,023	5 to 35	4,224	3751.86	1.17	28.93	0.0001
Sensorineural Hear Loss Bilateral	H903grp	4	15,471	5 to 42	3,623	3222.95	1.17	24.15	0.0001
Sensorineural Hear Loss Bilateral	H903ngrp	5	15,471	5 to 42	3,623	3222.95	1.17	24.15	0.0001
Anemia Unspecified	D649ngrp	5	34,021	80 to 99	4,154	3808.33	1.12	15.45	0.0002
Anemia Unspecified	D649grp	4	34,021	80 to 99	4,154	3808.33	1.12	15.45	0.0002
Other Anemias	D64grp	3	35,137	80 to 99	4,275	3933.25	1.11	14.64	0.0003
Cardiac Arrest	I46grp	3	683	143 to 183	228	159.2	1.65	13.10	0.0036
Other specified erythematous conditions	L538ngrp	5	13,703	1 to 28	2,301	2085.07	1.13	10.90	0.0433
Other specified erythematous conditions	L538grp	4	13,703	1 to 28	2,301	2085.07	1.13	10.90	0.0433
Other Erythematous Conditions	L53grp	3	13,703	1 to 28	2,301	2085.07	1.13	10.90	0.0433

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

Table 5b. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Metabolic Dysfunction-Associated Steatohepatitis (MASH) in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
N/A ³									
Inpatient, Emergency Department, or Outpatient Setting									
N/A ³									

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

³In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not applicable

Table 5c. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Ozempic on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
Acute Kidney Failure Unspecified	N179grp	4	19,705	3 to 46	5,139	4565.27	1.21	36.20	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	19,705	3 to 46	5,139	4565.27	1.21	36.20	0.0001
Acute Kidney Failure	N17grp	3	21,699	1 to 46	5,805	5214.43	1.20	33.92	0.0001
Cardiac Arrest	I46grp	3	504	146 to 183	170	114.68	1.73	11.61	0.0151
Inpatient, Emergency Department, or Outpatient Setting									
Acute Kidney Failure Unspecified	N179grp	4	27,300	3 to 46	7,121	6478.12	1.15	31.66	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	27,300	3 to 46	7,121	6478.12	1.15	31.66	0.0001
Acute Kidney Failure	N17grp	3	29,787	3 to 46	7,736	7068.26	1.14	31.42	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	20,944	5 to 35	4,012	3568.8	1.17	26.81	0.0001
Sensorineural Hear Loss Bilateral	H903ngrp	5	14,817	5 to 44	3,624	3244.8	1.16	21.61	0.0001
Sensorineural Hear Loss Bilateral	H903grp	4	14,817	5 to 44	3,624	3244.8	1.16	21.61	0.0001
Anemia Unspecified	D649ngrp	5	32,484	80 to 99	4,004	3643.26	1.13	17.54	0.0002
Anemia Unspecified	D649grp	4	32,484	80 to 99	4,004	3643.26	1.13	17.54	0.0002
Other Anemias	D64grp	3	33,534	82 to 106	5,117	4716.66	1.12	16.82	0.0002
Cardiac Arrest	I46grp	3	676	143 to 183	227	157.6	1.67	13.44	0.0035

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

Table 5d. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Wegovy on the Day of Dispensing in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
N/A ³									
Inpatient, Emergency Department, or Outpatient Setting									
N/A ³									

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

³In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not applicable

Table 5e. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Diabetes in the 400 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
Acute Kidney Failure Unspecified	N179grp	4	17,836	3 to 39	3,945	3467.6	1.22	32.65	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	17,836	3 to 39	3,945	3467.6	1.22	32.65	0.0001
Acute Kidney Failure	N17grp	3	19,655	3 to 32	3,526	3080.7	1.23	31.77	0.0001
Cardiac Arrest	I46grp	3	449	143 to 182	162	106.45	1.82	12.49	0.0059
Cardiac Arrest Cause Unspecified	I469ngrp	5	280	142 to 182	110	67.92	2.02	10.96	0.0282
Cardiac Arrest Cause Unspecified	I469grp	4	280	142 to 182	110	67.92	2.02	10.96	0.0282
Inpatient, Emergency Department, or Outpatient Setting									
Acute Kidney Failure	N17grp	3	26,883	3 to 55	8,379	7683.57	1.15	31.61	0.0001
Acute Kidney Failure Unspecified	N179grp	4	24,611	3 to 54	7,537	6890.13	1.15	30.36	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	24,611	3 to 54	7,537	6890.13	1.15	30.36	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	17,104	5 to 35	3,312	2913.68	1.18	26.40	0.0001
Sensorineural Hear Loss Bilateral	H903ngrp	5	12,113	5 to 35	2,357	2063.46	1.19	20.14	0.0001
Sensorineural Hear Loss Bilateral	H903grp	4	12,113	5 to 35	2,357	2063.46	1.19	20.14	0.0001
Other Anemias	D64grp	3	28,586	83 to 105	4,066	3706.92	1.13	17.13	0.0002
Anemia Unspecified	D649grp	4	27,692	82 to 105	4,090	3734.1	1.13	16.71	0.0002
Anemia Unspecified	D649ngrp	5	27,692	82 to 105	4,090	3734.1	1.13	16.71	0.0002
Cardiac Arrest	I46grp	3	601	143 to 182	207	136.4	1.79	15.76	0.0004
Cardiac Arrest Cause Unspecified	I469grp	4	417	143 to 182	149	94.64	1.90	13.27	0.003
Cardiac Arrest Cause Unspecified	I469ngrp	5	417	143 to 182	149	94.64	1.90	13.27	0.003
Adverse Effects Nec	T78grp	3	1,043	2 to 22	175	119.09	1.57	11.46	0.0211

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

Table 5f. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic² Among Subcutaneous Semaglutide Initiators with Evidence of Obesity in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
Acute Kidney Failure Unspecified	N179grp	4	13,358	3 to 36	2,664	2384.65	1.18	16.29	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	13,358	3 to 36	2,664	2384.65	1.18	16.29	0.0001
Acute Kidney Failure	N17grp	3	14,757	3 to 36	2,923	2634.4	1.17	15.83	0.0001
Inpatient, Emergency Department, or Outpatient Setting									
Conductive Sensorineural Hear Loss	H90grp	3	14,664	1 to 35	3,071	2767.72	1.15	16.28	0.0001
Acute Kidney Failure	N17grp	3	20,355	8 to 88	9,335	8837.04	1.12	14.45	0.001
Acute Kidney Failure Unspecified	N179ngrp	5	18,603	3 to 88	9,050	8576.58	1.12	13.44	0.0024
Acute Kidney Failure Unspecified	N179grp	4	18,603	3 to 88	9,050	8576.58	1.12	13.44	0.0024
Sensorineural Hear Loss Bilateral	H903grp	4	10,298	1 to 35	2,165	1943.67	1.15	12.28	0.0072
Sensorineural Hear Loss Bilateral	H903ngrp	5	10,298	1 to 35	2,165	1943.67	1.15	12.28	0.0072

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

Table 5g. Signal Identification Outcome Assessment¹ with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic² Among Subcutaneous Semaglutide Initiators with No Evidence of Glucagon-Like Peptide-1 Receptor Agonists in the 365 Days Prior in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic ²	P-Value
Inpatient or Emergency Department Setting									
Acute Kidney Failure Unspecified	N179ngrp	5	15,857	3 to 46	4,210	3700.22	1.24	35.14	0.0001
Acute Kidney Failure Unspecified	N179grp	4	15,857	3 to 46	4,210	3700.22	1.24	35.14	0.0001
Acute Kidney Failure	N17grp	3	17,420	3 to 46	4,580	4064.95	1.22	32.91	0.0001
Cardiac Arrest	I46grp	3	400	142 to 183	149	99	1.81	10.93	0.0247
Inpatient, Emergency Department, or Outpatient Setting									
Acute Kidney Failure	N17grp	3	23,924	3 to 60	8,209	7527.13	1.16	31.06	0.0001
Acute Kidney Failure Unspecified	N179grp	4	21,970	3 to 60	7,560	6912.35	1.16	30.40	0.0001
Acute Kidney Failure Unspecified	N179ngrp	5	21,970	3 to 60	7,560	6912.35	1.16	30.40	0.0001
Conductive Sensorineural Hear Loss	H90grp	3	17,394	5 to 28	2,695	2339.1	1.20	26.08	0.0001
Sensorineural Hear Loss Bilateral	H903grp	4	12,160	5 to 35	2,391	2095.97	1.19	20.05	0.0001
Sensorineural Hear Loss Bilateral	H903ngrp	5	12,160	5 to 35	2,391	2095.97	1.19	20.05	0.0001
Anemia Unspecified	D649ngrp	5	27,057	78 to 98	3,459	3146.37	1.13	15.26	0.0006
Anemia Unspecified	D649grp	4	27,057	78 to 98	3,459	3146.37	1.13	15.26	0.0006
Other Anemias	D64grp	3	27,943	78 to 98	3,554	3249.4	1.12	14.06	0.0016
Cardiac Arrest	I46grp	3	539	143 to 183	181	124.68	1.68	11.15	0.03

¹Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) tree structure.

²Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic.

Table 6. Summary of Episode-Level¹ Cohort Attrition in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

	Semaglutide Tree-Only Scan Cohort		Semaglutide Tree-Temporal Scan Cohort		Semaglutide Tree-Only Scan Cohort with GLP-1 RA Exclusion	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	347,234,039	N/A	334,090,205	N/A	347,234,039	N/A
Had required coverage type (medical and/or drug coverage)	260,031,761	87,202,278	248,910,556	85,179,649	260,031,761	87,202,278
Enrolled during specified age range	201,622,947	58,408,814	191,298,748	57,611,808	201,622,947	58,408,814
Had requestable medical charts	201,622,947	0	191,298,748	0	201,622,947	0
Met demographic requirements (sex, race, and Hispanic origin)	201,549,979	72,968	191,236,042	62,706	201,549,979	72,968
Members with a valid index event						
Had any cohort-defining claim during the query period	2,697,459	198,852,520	2,126,223	189,109,819	2,697,459	198,852,520
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	19,122,577	N/A	14,583,711	N/A	19,122,577	N/A
Claim recorded during specified age range	19,118,336	4,241	14,581,166	2,545	19,118,336	4,241
Claim recorded during current look period	19,118,336	0	14,581,166	0	19,118,336	0
Episode defining index claim recorded during the query period	2,770,300	16,348,036	2,176,124	12,405,042	2,770,300	16,348,036
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	1,749,558	1,020,742	1,453,336	722,788	1,749,558	1,020,742
Met inclusion and exclusion criteria ²	1,708,940	40,618	1,418,468	34,868	1,348,994	400,564
<i>Evidence of Pregnancy Delivery</i>	N/A	496	N/A	790	N/A	496
<i>Evidence of Inpatient Pregnancy Delivery</i>	N/A	339	N/A	130	N/A	339
<i>Evidence of Ongoing Pregnancy</i>	N/A	4,498	N/A	6,582	N/A	4,498
<i>Evidence of Rybelsus Dispensing</i>	N/A	35,863	N/A	27,888	N/A	35,863
<i>Evidence of Glucagon-like Peptide-1 Receptor Agonist Dispensing</i>	N/A	N/A	N/A	N/A	N/A	365,622
<i>No evidence of Metabolic Dysfunction-Associated Steatohepatitis</i>	N/A	N/A	N/A	N/A	N/A	N/A
Had sufficient post-index continuous enrollment	1,690,486	18,454	1,304,464	114,004	1,334,506	14,488
Final cohort						
Number of members	1,650,657	N/A	1,277,904	N/A	1,310,373	N/A
Number of episodes	1,690,486	N/A	1,304,464	N/A	1,334,506	N/A

Table 6. Summary of Episode-Level¹ Cohort Attrition in the Sentinel Distributed Database from December 1, 2017 to August 31, 2024

	Semaglutide Tree-Temporal Scan Cohort with GLP-1 RA Exclusion		Semaglutide Tree-Only Scan Cohort with Evidence of MASH		Semaglutide Tree-Temporal Scan Cohort with Evidence of MASH	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	334,090,205	N/A	347,234,039	N/A	334,090,205	N/A
Had required coverage type (medical and/or drug coverage)	248,910,556	85,179,649	260,031,761	87,202,278	248,910,556	85,179,649
Enrolled during specified age range	191,298,748	57,611,808	201,622,947	58,408,814	191,298,748	57,611,808
Had requestable medical charts	191,298,748	0	201,622,947	0	191,298,748	0
Met demographic requirements (sex, race, and Hispanic origin)	191,236,042	62,706	201,549,979	72,968	191,236,042	62,706
Members with a valid index event						
Had any cohort-defining claim during the query period	2,126,223	189,109,819	2,697,459	198,852,520	2,126,223	189,109,819
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	14,583,711	N/A	19,122,577	N/A	14,583,711	N/A
Claim recorded during specified age range	14,581,166	2,545	19,118,336	4,241	14,581,166	2,545
Claim recorded during current look period	14,581,166	0	19,118,336	0	14,581,166	0
Episode defining index claim recorded during the query period	2,176,124	12,405,042	2,770,300	16,348,036	2,176,124	12,405,042
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	1,453,336	722,788	1,749,558	1,020,742	1,453,336	722,788
Met inclusion and exclusion criteria ²	1,144,571	308,765	27,361	1,722,197	22,898	1,430,438
<i>Evidence of Pregnancy Delivery</i>	N/A	790	N/A	496	N/A	790
<i>Evidence of Inpatient Pregnancy Delivery</i>	N/A	130	N/A	339	N/A	130
<i>Evidence of Ongoing Pregnancy</i>	N/A	6,582	N/A	4,498	N/A	6,582
<i>Evidence of Rybelsus Dispensing</i>	N/A	27,888	N/A	35,863	N/A	27,888
<i>Evidence of Glucagon-like Peptide-1 Receptor Agonist Dispensing</i>	N/A	278,303	N/A	N/A	N/A	N/A
<i>No evidence of Metabolic Dysfunction-Associated Steatohepatitis</i>	N/A	N/A	N/A	1,721,439	N/A	1,429,784
Had sufficient post-index continuous enrollment	1,052,114	92,457	27,083	278	21,095	1,803
Final cohort						
Number of members	1,034,975	N/A	26,753	N/A	20,880	N/A
Number of episodes	1,052,114	N/A	27,083	N/A	21,095	N/A

¹Cohorts are formed by first evaluating enrollment and demographic requirements as well as index events among members, then evaluating index dates, pre-index history, and post-index follow-up among episodes. Because of this, the number remaining often increases from the member- to episode-level steps.

²Episodes can meet multiple inclusion and/or exclusion criteria; therefore, the total number of episodes excluded overall may not equal the sum of all episodes in each criterion.

N/A: Not applicable; GLP-1 RA: glucagon-like peptide-1 receptor agonist; MASH: metabolic dysfunction-associated steatohepatitis

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	01/01/2005	07/31/2022
DP02	01/01/2000	01/31/2024
DP03	01/01/2008	08/31/2024
DP04	01/01/2000	04/30/2024
DP05	01/01/2006	07/31/2024
DP06	01/01/2008	04/30/2024
DP07	01/01/2000	01/31/2024
DP08	01/01/2000	04/30/2024
DP09	01/01/2004	03/31/2024
DP10	01/01/2010	06/30/2024
DP11	01/01/2000	04/30/2024
DP12	01/01/2007	06/30/2024
DP13	01/01/2014	12/31/2021

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

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

Generic Name		Brand Name
Subcutaneous Semaglutide		
semaglutide		Ozempic
semaglutide		Wegovy

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

Code	Description	Code Type	Code Category
Ongoing Pregnancy			
009.01	Supervision of pregnancy with history of infertility, first trimester	ICD-10-CM	Diagnosis
009.02	Supervision of pregnancy with history of infertility, second trimester	ICD-10-CM	Diagnosis
009.03	Supervision of pregnancy with history of infertility, third trimester	ICD-10-CM	Diagnosis
009.11	Supervision of pregnancy with history of ectopic pregnancy, first trimester	ICD-10-CM	Diagnosis
009.12	Supervision of pregnancy with history of ectopic pregnancy, second trimester	ICD-10-CM	Diagnosis
009.13	Supervision of pregnancy with history of ectopic pregnancy, third trimester	ICD-10-CM	Diagnosis
009.211	Supervision of pregnancy with history of pre-term labor, first trimester	ICD-10-CM	Diagnosis
009.212	Supervision of pregnancy with history of pre-term labor, second trimester	ICD-10-CM	Diagnosis
009.213	Supervision of pregnancy with history of pre-term labor, third trimester	ICD-10-CM	Diagnosis
009.291	Supervision of pregnancy with other poor reproductive or obstetric history, first	ICD-10-CM	Diagnosis
009.292	Supervision of pregnancy with other poor reproductive or obstetric history, second trimester	ICD-10-CM	Diagnosis
009.293	Supervision of pregnancy with other poor reproductive or obstetric history, third trimester	ICD-10-CM	Diagnosis
009.31	Supervision of pregnancy with insufficient antenatal care, first trimester	ICD-10-CM	Diagnosis
009.32	Supervision of pregnancy with insufficient antenatal care, second trimester	ICD-10-CM	Diagnosis
009.33	Supervision of pregnancy with insufficient antenatal care, third trimester	ICD-10-CM	Diagnosis
009.41	Supervision of pregnancy with grand multiparity, first trimester	ICD-10-CM	Diagnosis
009.42	Supervision of pregnancy with grand multiparity, second trimester	ICD-10-CM	Diagnosis
009.43	Supervision of pregnancy with grand multiparity, third trimester	ICD-10-CM	Diagnosis
009.511	Supervision of elderly primigravida, first trimester	ICD-10-CM	Diagnosis
009.512	Supervision of elderly primigravida, second trimester	ICD-10-CM	Diagnosis
009.513	Supervision of elderly primigravida, third trimester	ICD-10-CM	Diagnosis
009.521	Supervision of elderly multigravida, first trimester	ICD-10-CM	Diagnosis
009.522	Supervision of elderly multigravida, second trimester	ICD-10-CM	Diagnosis
009.523	Supervision of elderly multigravida, third trimester	ICD-10-CM	Diagnosis
009.611	Supervision of young primigravida, first trimester	ICD-10-CM	Diagnosis
009.612	Supervision of young primigravida, second trimester	ICD-10-CM	Diagnosis
009.613	Supervision of young primigravida, third trimester	ICD-10-CM	Diagnosis
009.621	Supervision of young multigravida, first trimester	ICD-10-CM	Diagnosis
009.622	Supervision of young multigravida, second trimester	ICD-10-CM	Diagnosis
009.623	Supervision of young multigravida, third trimester	ICD-10-CM	Diagnosis
009.71	Supervision of high risk pregnancy due to social problems, first trimester	ICD-10-CM	Diagnosis
009.72	Supervision of high risk pregnancy due to social problems, second trimester	ICD-10-CM	Diagnosis
009.73	Supervision of high risk pregnancy due to social problems, third trimester	ICD-10-CM	Diagnosis
009.811	Supervision of pregnancy resulting from assisted reproductive technology, first trimester	ICD-10-CM	Diagnosis
009.812	Supervision of pregnancy resulting from assisted reproductive technology, second trimester	ICD-10-CM	Diagnosis
009.813	Supervision of pregnancy resulting from assisted reproductive technology, third trimester	ICD-10-CM	Diagnosis
009.821	Supervision of pregnancy with history of in utero procedure during previous pregnancy, first trimester	ICD-10-CM	Diagnosis
009.822	Supervision of pregnancy with history of in utero procedure during previous pregnancy, second trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O09.823	Supervision of pregnancy with history of in utero procedure during previous pregnancy, third trimester	ICD-10-CM	Diagnosis
O09.891	Supervision of other high risk pregnancies, first trimester	ICD-10-CM	Diagnosis
O09.892	Supervision of other high risk pregnancies, second trimester	ICD-10-CM	Diagnosis
O09.893	Supervision of other high risk pregnancies, third trimester	ICD-10-CM	Diagnosis
O09.91	Supervision of high risk pregnancy, unspecified, first trimester	ICD-10-CM	Diagnosis
O09.92	Supervision of high risk pregnancy, unspecified, second trimester	ICD-10-CM	Diagnosis
O09.93	Supervision of high risk pregnancy, unspecified, third trimester	ICD-10-CM	Diagnosis
O09.A1	Supervision of pregnancy with history of molar pregnancy, first trimester	ICD-10-CM	Diagnosis
O09.A2	Supervision of pregnancy with history of molar pregnancy, second trimester	ICD-10-CM	Diagnosis
O09.A3	Supervision of pregnancy with history of molar pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.011	Pre-existing essential hypertension complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.012	Pre-existing essential hypertension complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O10.013	Pre-existing essential hypertension complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.111	Pre-existing hypertensive heart disease complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.112	Pre-existing hypertensive heart disease complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O10.113	Pre-existing hypertensive heart disease complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.211	Pre-existing hypertensive chronic kidney disease complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.212	Pre-existing hypertensive chronic kidney disease complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O10.213	Pre-existing hypertensive chronic kidney disease complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.311	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.312	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O10.313	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.411	Pre-existing secondary hypertension complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.412	Pre-existing secondary hypertension complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O10.413	Pre-existing secondary hypertension complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.911	Unspecified pre-existing hypertension complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.912	Unspecified pre-existing hypertension complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O10.913	Unspecified pre-existing hypertension complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O11.1	Pre-existing hypertension with pre-eclampsia, first trimester	ICD-10-CM	Diagnosis
O11.2	Pre-existing hypertension with pre-eclampsia, second trimester	ICD-10-CM	Diagnosis
O11.3	Pre-existing hypertension with pre-eclampsia, third trimester	ICD-10-CM	Diagnosis
O12.01	Gestational edema, first trimester	ICD-10-CM	Diagnosis
O12.02	Gestational edema, second trimester	ICD-10-CM	Diagnosis
O12.03	Gestational edema, third trimester	ICD-10-CM	Diagnosis
O12.11	Gestational proteinuria, first trimester	ICD-10-CM	Diagnosis
O12.12	Gestational proteinuria, second trimester	ICD-10-CM	Diagnosis
O12.13	Gestational proteinuria, third trimester	ICD-10-CM	Diagnosis
O12.21	Gestational edema with proteinuria, first trimester	ICD-10-CM	Diagnosis
O12.22	Gestational edema with proteinuria, second trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O12.23	Gestational edema with proteinuria, third trimester	ICD-10-CM	Diagnosis
O13.1	Gestational [pregnancy-induced] hypertension without significant proteinuria, first trimester	ICD-10-CM	Diagnosis
O13.2	Gestational [pregnancy-induced] hypertension without significant proteinuria, second trimester	ICD-10-CM	Diagnosis
O13.3	Gestational [pregnancy-induced] hypertension without significant proteinuria, third trimester	ICD-10-CM	Diagnosis
O14.02	Mild to moderate pre-eclampsia, second trimester	ICD-10-CM	Diagnosis
O14.03	Mild to moderate pre-eclampsia, third trimester	ICD-10-CM	Diagnosis
O14.12	Severe pre-eclampsia, second trimester	ICD-10-CM	Diagnosis
O14.13	Severe pre-eclampsia, third trimester	ICD-10-CM	Diagnosis
O14.22	HELLP syndrome (HELLP), second trimester	ICD-10-CM	Diagnosis
O14.23	HELLP syndrome (HELLP), third trimester	ICD-10-CM	Diagnosis
O14.92	Unspecified pre-eclampsia, second trimester	ICD-10-CM	Diagnosis
O14.93	Unspecified pre-eclampsia, third trimester	ICD-10-CM	Diagnosis
O15.02	Eclampsia complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O15.03	Eclampsia complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O16.1	Unspecified maternal hypertension, first trimester	ICD-10-CM	Diagnosis
O16.2	Unspecified maternal hypertension, second trimester	ICD-10-CM	Diagnosis
O16.3	Unspecified maternal hypertension, third trimester	ICD-10-CM	Diagnosis
O22.01	Varicose veins of lower extremity in pregnancy, first trimester	ICD-10-CM	Diagnosis
O22.02	Varicose veins of lower extremity in pregnancy, second trimester	ICD-10-CM	Diagnosis
O22.03	Varicose veins of lower extremity in pregnancy, third trimester	ICD-10-CM	Diagnosis
O22.11	Genital varices in pregnancy, first trimester	ICD-10-CM	Diagnosis
O22.12	Genital varices in pregnancy, second trimester	ICD-10-CM	Diagnosis
O22.13	Genital varices in pregnancy, third trimester	ICD-10-CM	Diagnosis
O22.21	Superficial thrombophlebitis in pregnancy, first trimester	ICD-10-CM	Diagnosis
O22.22	Superficial thrombophlebitis in pregnancy, second trimester	ICD-10-CM	Diagnosis
O22.23	Superficial thrombophlebitis in pregnancy, third trimester	ICD-10-CM	Diagnosis
O22.31	Deep phlebothrombosis in pregnancy, first trimester	ICD-10-CM	Diagnosis
O22.32	Deep phlebothrombosis in pregnancy, second trimester	ICD-10-CM	Diagnosis
O22.33	Deep phlebothrombosis in pregnancy, third trimester	ICD-10-CM	Diagnosis
O22.41	Hemorrhoids in pregnancy, first trimester	ICD-10-CM	Diagnosis
O22.42	Hemorrhoids in pregnancy, second trimester	ICD-10-CM	Diagnosis
O22.43	Hemorrhoids in pregnancy, third trimester	ICD-10-CM	Diagnosis
O22.51	Cerebral venous thrombosis in pregnancy, first trimester	ICD-10-CM	Diagnosis
O22.52	Cerebral venous thrombosis in pregnancy, second trimester	ICD-10-CM	Diagnosis
O22.53	Cerebral venous thrombosis in pregnancy, third trimester	ICD-10-CM	Diagnosis
O22.8X1	Other venous complications in pregnancy, first trimester	ICD-10-CM	Diagnosis
O22.8X2	Other venous complications in pregnancy, second trimester	ICD-10-CM	Diagnosis
O22.8X3	Other venous complications in pregnancy, third trimester	ICD-10-CM	Diagnosis
O22.91	Venous complication in pregnancy, unspecified, first trimester	ICD-10-CM	Diagnosis
O22.92	Venous complication in pregnancy, unspecified, second trimester	ICD-10-CM	Diagnosis
O22.93	Venous complication in pregnancy, unspecified, third trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O23.01	Infections of kidney in pregnancy, first trimester	ICD-10-CM	Diagnosis
O23.02	Infections of kidney in pregnancy, second trimester	ICD-10-CM	Diagnosis
O23.03	Infections of kidney in pregnancy, third trimester	ICD-10-CM	Diagnosis
O23.11	Infections of bladder in pregnancy, first trimester	ICD-10-CM	Diagnosis
O23.12	Infections of bladder in pregnancy, second trimester	ICD-10-CM	Diagnosis
O23.13	Infections of bladder in pregnancy, third trimester	ICD-10-CM	Diagnosis
O23.21	Infections of urethra in pregnancy, first trimester	ICD-10-CM	Diagnosis
O23.22	Infections of urethra in pregnancy, second trimester	ICD-10-CM	Diagnosis
O23.23	Infections of urethra in pregnancy, third trimester	ICD-10-CM	Diagnosis
O23.31	Infections of other parts of urinary tract in pregnancy, first trimester	ICD-10-CM	Diagnosis
O23.32	Infections of other parts of urinary tract in pregnancy, second trimester	ICD-10-CM	Diagnosis
O23.33	Infections of other parts of urinary tract in pregnancy, third trimester	ICD-10-CM	Diagnosis
O23.41	Unspecified infection of urinary tract in pregnancy, first trimester	ICD-10-CM	Diagnosis
O23.42	Unspecified infection of urinary tract in pregnancy, second trimester	ICD-10-CM	Diagnosis
O23.43	Unspecified infection of urinary tract in pregnancy, third trimester	ICD-10-CM	Diagnosis
O23.511	Infections of cervix in pregnancy, first trimester	ICD-10-CM	Diagnosis
O23.512	Infections of cervix in pregnancy, second trimester	ICD-10-CM	Diagnosis
O23.513	Infections of cervix in pregnancy, third trimester	ICD-10-CM	Diagnosis
O23.521	Salpingo-oophoritis in pregnancy, first trimester	ICD-10-CM	Diagnosis
O23.522	Salpingo-oophoritis in pregnancy, second trimester	ICD-10-CM	Diagnosis
O23.523	Salpingo-oophoritis in pregnancy, third trimester	ICD-10-CM	Diagnosis
O23.591	Infection of other part of genital tract in pregnancy, first trimester	ICD-10-CM	Diagnosis
O23.592	Infection of other part of genital tract in pregnancy, second trimester	ICD-10-CM	Diagnosis
O23.593	Infection of other part of genital tract in pregnancy, third trimester	ICD-10-CM	Diagnosis
O23.91	Unspecified genitourinary tract infection in pregnancy, first trimester	ICD-10-CM	Diagnosis
O23.92	Unspecified genitourinary tract infection in pregnancy, second trimester	ICD-10-CM	Diagnosis
O23.93	Unspecified genitourinary tract infection in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.011	Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.012	Pre-existing type 1 diabetes mellitus, in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.013	Pre-existing type 1 diabetes mellitus, in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.111	Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.112	Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.113	Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.311	Unspecified pre-existing diabetes mellitus in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.312	Unspecified pre-existing diabetes mellitus in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.313	Unspecified pre-existing diabetes mellitus in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.811	Other pre-existing diabetes mellitus in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.812	Other pre-existing diabetes mellitus in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.813	Other pre-existing diabetes mellitus in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.911	Unspecified diabetes mellitus in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.912	Unspecified diabetes mellitus in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.913	Unspecified diabetes mellitus in pregnancy, third trimester	ICD-10-CM	Diagnosis
O25.11	Malnutrition in pregnancy, first trimester	ICD-10-CM	Diagnosis
O25.12	Malnutrition in pregnancy, second trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O25.13	Malnutrition in pregnancy, third trimester	ICD-10-CM	Diagnosis
O26.01	Excessive weight gain in pregnancy, first trimester	ICD-10-CM	Diagnosis
O26.02	Excessive weight gain in pregnancy, second trimester	ICD-10-CM	Diagnosis
O26.03	Excessive weight gain in pregnancy, third trimester	ICD-10-CM	Diagnosis
O26.11	Low weight gain in pregnancy, first trimester	ICD-10-CM	Diagnosis
O26.12	Low weight gain in pregnancy, second trimester	ICD-10-CM	Diagnosis
O26.13	Low weight gain in pregnancy, third trimester	ICD-10-CM	Diagnosis
O26.21	Pregnancy care for patient with recurrent pregnancy loss, first trimester	ICD-10-CM	Diagnosis
O26.22	Pregnancy care for patient with recurrent pregnancy loss, second trimester	ICD-10-CM	Diagnosis
O26.23	Pregnancy care for patient with recurrent pregnancy loss, third trimester	ICD-10-CM	Diagnosis
O26.31	Retained intrauterine contraceptive device in pregnancy, first trimester	ICD-10-CM	Diagnosis
O26.32	Retained intrauterine contraceptive device in pregnancy, second trimester	ICD-10-CM	Diagnosis
O26.33	Retained intrauterine contraceptive device in pregnancy, third trimester	ICD-10-CM	Diagnosis
O26.41	Herpes gestationis, first trimester	ICD-10-CM	Diagnosis
O26.42	Herpes gestationis, second trimester	ICD-10-CM	Diagnosis
O26.43	Herpes gestationis, third trimester	ICD-10-CM	Diagnosis
O26.51	Maternal hypotension syndrome, first trimester	ICD-10-CM	Diagnosis
O26.52	Maternal hypotension syndrome, second trimester	ICD-10-CM	Diagnosis
O26.53	Maternal hypotension syndrome, third trimester	ICD-10-CM	Diagnosis
O26.611	Liver and biliary tract disorders in pregnancy, first trimester	ICD-10-CM	Diagnosis
O26.612	Liver and biliary tract disorders in pregnancy, second trimester	ICD-10-CM	Diagnosis
O26.613	Liver and biliary tract disorders in pregnancy, third trimester	ICD-10-CM	Diagnosis
O26.711	Subluxation of symphysis (pubis) in pregnancy, first trimester	ICD-10-CM	Diagnosis
O26.712	Subluxation of symphysis (pubis) in pregnancy, second trimester	ICD-10-CM	Diagnosis
O26.713	Subluxation of symphysis (pubis) in pregnancy, third trimester	ICD-10-CM	Diagnosis
O26.811	Pregnancy related exhaustion and fatigue, first trimester	ICD-10-CM	Diagnosis
O26.812	Pregnancy related exhaustion and fatigue, second trimester	ICD-10-CM	Diagnosis
O26.813	Pregnancy related exhaustion and fatigue, third trimester	ICD-10-CM	Diagnosis
O26.821	Pregnancy related peripheral neuritis, first trimester	ICD-10-CM	Diagnosis
O26.822	Pregnancy related peripheral neuritis, second trimester	ICD-10-CM	Diagnosis
O26.823	Pregnancy related peripheral neuritis, third trimester	ICD-10-CM	Diagnosis
O26.831	Pregnancy related renal disease, first trimester	ICD-10-CM	Diagnosis
O26.832	Pregnancy related renal disease, second trimester	ICD-10-CM	Diagnosis
O26.833	Pregnancy related renal disease, third trimester	ICD-10-CM	Diagnosis
O26.841	Uterine size-date discrepancy, first trimester	ICD-10-CM	Diagnosis
O26.842	Uterine size-date discrepancy, second trimester	ICD-10-CM	Diagnosis
O26.843	Uterine size-date discrepancy, third trimester	ICD-10-CM	Diagnosis
O26.851	Spotting complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O26.852	Spotting complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O26.853	Spotting complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O26.872	Cervical shortening, second trimester	ICD-10-CM	Diagnosis
O26.873	Cervical shortening, third trimester	ICD-10-CM	Diagnosis
O26.891	Other specified pregnancy related conditions, first trimester	ICD-10-CM	Diagnosis
O26.892	Other specified pregnancy related conditions, second trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O26.893	Other specified pregnancy related conditions, third trimester	ICD-10-CM	Diagnosis
O26.91	Pregnancy related conditions, unspecified, first trimester	ICD-10-CM	Diagnosis
O26.92	Pregnancy related conditions, unspecified, second trimester	ICD-10-CM	Diagnosis
O26.93	Pregnancy related conditions, unspecified, third trimester	ICD-10-CM	Diagnosis
O29.011	Aspiration pneumonitis due to anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.012	Aspiration pneumonitis due to anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.013	Aspiration pneumonitis due to anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.021	Pressure collapse of lung due to anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.022	Pressure collapse of lung due to anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.023	Pressure collapse of lung due to anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.091	Other pulmonary complications of anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.092	Other pulmonary complications of anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.093	Other pulmonary complications of anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.111	Cardiac arrest due to anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.112	Cardiac arrest due to anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.113	Cardiac arrest due to anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.121	Cardiac failure due to anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.122	Cardiac failure due to anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.123	Cardiac failure due to anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.191	Other cardiac complications of anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.192	Other cardiac complications of anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.193	Other cardiac complications of anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.211	Cerebral anoxia due to anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.212	Cerebral anoxia due to anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.213	Cerebral anoxia due to anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.291	Other central nervous system complications of anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.292	Other central nervous system complications of anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.293	Other central nervous system complications of anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.3X1	Toxic reaction to local anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.3X2	Toxic reaction to local anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.3X3	Toxic reaction to local anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.41	Spinal and epidural anesthesia induced headache during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.42	Spinal and epidural anesthesia induced headache during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.43	Spinal and epidural anesthesia induced headache during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.5X1	Other complications of spinal and epidural anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.5X2	Other complications of spinal and epidural anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.5X3	Other complications of spinal and epidural anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.61	Failed or difficult intubation for anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.62	Failed or difficult intubation for anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.63	Failed or difficult intubation for anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.8X1	Other complications of anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O29.8X2	Other complications of anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.8X3	Other complications of anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O29.91	Unspecified complication of anesthesia during pregnancy, first trimester	ICD-10-CM	Diagnosis
O29.92	Unspecified complication of anesthesia during pregnancy, second trimester	ICD-10-CM	Diagnosis
O29.93	Unspecified complication of anesthesia during pregnancy, third trimester	ICD-10-CM	Diagnosis
O30.001	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	ICD-10-CM	Diagnosis
O30.002	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	ICD-10-CM	Diagnosis
O30.003	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	ICD-10-CM	Diagnosis
O30.011	Twin pregnancy, monochorionic/monoamniotic, first trimester	ICD-10-CM	Diagnosis
O30.012	Twin pregnancy, monochorionic/monoamniotic, second trimester	ICD-10-CM	Diagnosis
O30.013	Twin pregnancy, monochorionic/monoamniotic, third trimester	ICD-10-CM	Diagnosis
O30.021	Conjoined twin pregnancy, first trimester	ICD-10-CM	Diagnosis
O30.022	Conjoined twin pregnancy, second trimester	ICD-10-CM	Diagnosis
O30.023	Conjoined twin pregnancy, third trimester	ICD-10-CM	Diagnosis
O30.031	Twin pregnancy, monochorionic/diamniotic, first trimester	ICD-10-CM	Diagnosis
O30.032	Twin pregnancy, monochorionic/diamniotic, second trimester	ICD-10-CM	Diagnosis
O30.033	Twin pregnancy, monochorionic/diamniotic, third trimester	ICD-10-CM	Diagnosis
O30.041	Twin pregnancy, dichorionic/diamniotic, first trimester	ICD-10-CM	Diagnosis
O30.042	Twin pregnancy, dichorionic/diamniotic, second trimester	ICD-10-CM	Diagnosis
O30.043	Twin pregnancy, dichorionic/diamniotic, third trimester	ICD-10-CM	Diagnosis
O30.091	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	ICD-10-CM	Diagnosis
O30.092	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	ICD-10-CM	Diagnosis
O30.093	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	ICD-10-CM	Diagnosis
O30.101	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	ICD-10-CM	Diagnosis
O30.102	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	ICD-10-CM	Diagnosis
O30.103	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	ICD-10-CM	Diagnosis
O30.111	Triplet pregnancy with two or more monochorionic fetuses, first trimester	ICD-10-CM	Diagnosis
O30.112	Triplet pregnancy with two or more monochorionic fetuses, second trimester	ICD-10-CM	Diagnosis
O30.113	Triplet pregnancy with two or more monochorionic fetuses, third trimester	ICD-10-CM	Diagnosis
O30.121	Triplet pregnancy with two or more monoamniotic fetuses, first trimester	ICD-10-CM	Diagnosis
O30.122	Triplet pregnancy with two or more monoamniotic fetuses, second trimester	ICD-10-CM	Diagnosis
O30.123	Triplet pregnancy with two or more monoamniotic fetuses, third trimester	ICD-10-CM	Diagnosis
O30.131	Triplet pregnancy, trichorionic/triamniotic, first trimester	ICD-10-CM	Diagnosis
O30.132	Triplet pregnancy, trichorionic/triamniotic, second trimester	ICD-10-CM	Diagnosis
O30.133	Triplet pregnancy, trichorionic/triamniotic, third trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O30.191	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	ICD-10-CM	Diagnosis
O30.192	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	ICD-10-CM	Diagnosis
O30.193	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	ICD-10-CM	Diagnosis
O30.201	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	ICD-10-CM	Diagnosis
O30.202	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	ICD-10-CM	Diagnosis
O30.203	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	ICD-10-CM	Diagnosis
O30.211	Quadruplet pregnancy with two or more monochorionic fetuses, first trimester	ICD-10-CM	Diagnosis
O30.212	Quadruplet pregnancy with two or more monochorionic fetuses, second trimester	ICD-10-CM	Diagnosis
O30.213	Quadruplet pregnancy with two or more monochorionic fetuses, third trimester	ICD-10-CM	Diagnosis
O30.221	Quadruplet pregnancy with two or more monoamniotic fetuses, first trimester	ICD-10-CM	Diagnosis
O30.222	Quadruplet pregnancy with two or more monoamniotic fetuses, second trimester	ICD-10-CM	Diagnosis
O30.223	Quadruplet pregnancy with two or more monoamniotic fetuses, third trimester	ICD-10-CM	Diagnosis
O30.231	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, first trimester	ICD-10-CM	Diagnosis
O30.232	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, second trimester	ICD-10-CM	Diagnosis
O30.233	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, third trimester	ICD-10-CM	Diagnosis
O30.291	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	ICD-10-CM	Diagnosis
O30.292	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	ICD-10-CM	Diagnosis
O30.293	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	ICD-10-CM	Diagnosis
O30.801	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	ICD-10-CM	Diagnosis
O30.802	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	ICD-10-CM	Diagnosis
O30.803	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	ICD-10-CM	Diagnosis
O30.811	Other specified multiple gestation with two or more monochorionic fetuses, first trimester	ICD-10-CM	Diagnosis
O30.812	Other specified multiple gestation with two or more monochorionic fetuses, second trimester	ICD-10-CM	Diagnosis
O30.813	Other specified multiple gestation with two or more monochorionic fetuses, third trimester	ICD-10-CM	Diagnosis
O30.821	Other specified multiple gestation with two or more monoamniotic fetuses, first trimester	ICD-10-CM	Diagnosis
O30.822	Other specified multiple gestation with two or more monoamniotic fetuses, second trimester	ICD-10-CM	Diagnosis
O30.823	Other specified multiple gestation with two or more monoamniotic fetuses, third trimester	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
O30.831	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, first trimester	ICD-10-CM	Diagnosis
O30.832	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, second trimester	ICD-10-CM	Diagnosis
O30.833	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, third trimester	ICD-10-CM	Diagnosis
O30.891	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, first trimester	ICD-10-CM	Diagnosis
O30.892	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, second trimester	ICD-10-CM	Diagnosis
O30.893	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, third trimester	ICD-10-CM	Diagnosis
O30.91	Multiple gestation, unspecified, first trimester	ICD-10-CM	Diagnosis
O30.92	Multiple gestation, unspecified, second trimester	ICD-10-CM	Diagnosis
O30.93	Multiple gestation, unspecified, third trimester	ICD-10-CM	Diagnosis
O31.01X0	Papyraceous fetus, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.01X1	Papyraceous fetus, first trimester, fetus 1	ICD-10-CM	Diagnosis
O31.01X2	Papyraceous fetus, first trimester, fetus 2	ICD-10-CM	Diagnosis
O31.01X3	Papyraceous fetus, first trimester, fetus 3	ICD-10-CM	Diagnosis
O31.01X4	Papyraceous fetus, first trimester, fetus 4	ICD-10-CM	Diagnosis
O31.01X5	Papyraceous fetus, first trimester, fetus 5	ICD-10-CM	Diagnosis
O31.01X9	Papyraceous fetus, first trimester, other fetus	ICD-10-CM	Diagnosis
O31.02X0	Papyraceous fetus, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.02X1	Papyraceous fetus, second trimester, fetus 1	ICD-10-CM	Diagnosis
O31.02X2	Papyraceous fetus, second trimester, fetus 2	ICD-10-CM	Diagnosis
O31.02X3	Papyraceous fetus, second trimester, fetus 3	ICD-10-CM	Diagnosis
O31.02X4	Papyraceous fetus, second trimester, fetus 4	ICD-10-CM	Diagnosis
O31.02X5	Papyraceous fetus, second trimester, fetus 5	ICD-10-CM	Diagnosis
O31.02X9	Papyraceous fetus, second trimester, other fetus	ICD-10-CM	Diagnosis
O31.03X0	Papyraceous fetus, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.03X1	Papyraceous fetus, third trimester, fetus 1	ICD-10-CM	Diagnosis
O31.03X2	Papyraceous fetus, third trimester, fetus 2	ICD-10-CM	Diagnosis
O31.03X3	Papyraceous fetus, third trimester, fetus 3	ICD-10-CM	Diagnosis
O31.03X4	Papyraceous fetus, third trimester, fetus 4	ICD-10-CM	Diagnosis
O31.03X5	Papyraceous fetus, third trimester, fetus 5	ICD-10-CM	Diagnosis
O31.03X9	Papyraceous fetus, third trimester, other fetus	ICD-10-CM	Diagnosis
O31.11X0	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.11X1	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 1	ICD-10-CM	Diagnosis
O31.11X2	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 2	ICD-10-CM	Diagnosis
O31.11X3	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 3	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O31.11X4	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 4	ICD-10-CM	Diagnosis
O31.11X5	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 5	ICD-10-CM	Diagnosis
O31.11X9	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, other fetus	ICD-10-CM	Diagnosis
O31.12X0	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.12X1	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 1	ICD-10-CM	Diagnosis
O31.12X2	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 2	ICD-10-CM	Diagnosis
O31.12X3	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 3	ICD-10-CM	Diagnosis
O31.12X4	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 4	ICD-10-CM	Diagnosis
O31.12X5	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 5	ICD-10-CM	Diagnosis
O31.12X9	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, other fetus	ICD-10-CM	Diagnosis
O31.13X0	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.13X1	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 1	ICD-10-CM	Diagnosis
O31.13X2	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 2	ICD-10-CM	Diagnosis
O31.13X3	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 3	ICD-10-CM	Diagnosis
O31.13X4	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 4	ICD-10-CM	Diagnosis
O31.13X5	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 5	ICD-10-CM	Diagnosis
O31.13X9	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, other fetus	ICD-10-CM	Diagnosis
O31.21X0	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.21X1	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus	ICD-10-CM	Diagnosis
O31.21X2	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus	ICD-10-CM	Diagnosis
O31.21X3	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus	ICD-10-CM	Diagnosis
O31.21X4	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus	ICD-10-CM	Diagnosis
O31.21X5	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus	ICD-10-CM	Diagnosis
O31.21X9	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, other fetus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O31.22X0	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.22X1	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 1	ICD-10-CM	Diagnosis
O31.22X2	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 2	ICD-10-CM	Diagnosis
O31.22X3	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 3	ICD-10-CM	Diagnosis
O31.22X4	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 4	ICD-10-CM	Diagnosis
O31.22X5	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 5	ICD-10-CM	Diagnosis
O31.22X9	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, other fetus	ICD-10-CM	Diagnosis
O31.23X0	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.23X1	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 1	ICD-10-CM	Diagnosis
O31.23X2	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 2	ICD-10-CM	Diagnosis
O31.23X3	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 3	ICD-10-CM	Diagnosis
O31.23X4	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 4	ICD-10-CM	Diagnosis
O31.23X5	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 5	ICD-10-CM	Diagnosis
O31.23X9	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, other fetus	ICD-10-CM	Diagnosis
O31.31X0	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.31X1	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 1	ICD-10-CM	Diagnosis
O31.31X2	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 2	ICD-10-CM	Diagnosis
O31.31X3	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 3	ICD-10-CM	Diagnosis
O31.31X4	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 4	ICD-10-CM	Diagnosis
O31.31X5	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 5	ICD-10-CM	Diagnosis
O31.31X9	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, other fetus	ICD-10-CM	Diagnosis
O31.32X0	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O31.32X1	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 1	ICD-10-CM	Diagnosis
O31.32X2	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 2	ICD-10-CM	Diagnosis
O31.32X3	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 3	ICD-10-CM	Diagnosis
O31.32X4	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 4	ICD-10-CM	Diagnosis
O31.32X5	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 5	ICD-10-CM	Diagnosis
O31.32X9	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, other fetus	ICD-10-CM	Diagnosis
O31.33X0	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.33X1	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 1	ICD-10-CM	Diagnosis
O31.33X2	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 2	ICD-10-CM	Diagnosis
O31.33X3	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 3	ICD-10-CM	Diagnosis
O31.33X4	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 4	ICD-10-CM	Diagnosis
O31.33X5	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 5	ICD-10-CM	Diagnosis
O31.33X9	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, other fetus	ICD-10-CM	Diagnosis
O31.8X10	Other complications specific to multiple gestation, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.8X11	Other complications specific to multiple gestation, first trimester, fetus 1	ICD-10-CM	Diagnosis
O31.8X12	Other complications specific to multiple gestation, first trimester, fetus 2	ICD-10-CM	Diagnosis
O31.8X13	Other complications specific to multiple gestation, first trimester, fetus 3	ICD-10-CM	Diagnosis
O31.8X14	Other complications specific to multiple gestation, first trimester, fetus 4	ICD-10-CM	Diagnosis
O31.8X15	Other complications specific to multiple gestation, first trimester, fetus 5	ICD-10-CM	Diagnosis
O31.8X19	Other complications specific to multiple gestation, first trimester, other fetus	ICD-10-CM	Diagnosis
O31.8X20	Other complications specific to multiple gestation, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.8X21	Other complications specific to multiple gestation, second trimester, fetus 1	ICD-10-CM	Diagnosis
O31.8X22	Other complications specific to multiple gestation, second trimester, fetus 2	ICD-10-CM	Diagnosis
O31.8X23	Other complications specific to multiple gestation, second trimester, fetus 3	ICD-10-CM	Diagnosis
O31.8X24	Other complications specific to multiple gestation, second trimester, fetus 4	ICD-10-CM	Diagnosis
O31.8X25	Other complications specific to multiple gestation, second trimester, fetus 5	ICD-10-CM	Diagnosis
O31.8X29	Other complications specific to multiple gestation, second trimester, other fetus	ICD-10-CM	Diagnosis
O31.8X30	Other complications specific to multiple gestation, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
031.8X31	Other complications specific to multiple gestation, third trimester, fetus 1	ICD-10-CM	Diagnosis
031.8X32	Other complications specific to multiple gestation, third trimester, fetus 2	ICD-10-CM	Diagnosis
031.8X33	Other complications specific to multiple gestation, third trimester, fetus 3	ICD-10-CM	Diagnosis
031.8X34	Other complications specific to multiple gestation, third trimester, fetus 4	ICD-10-CM	Diagnosis
031.8X35	Other complications specific to multiple gestation, third trimester, fetus 5	ICD-10-CM	Diagnosis
031.8X39	Other complications specific to multiple gestation, third trimester, other fetus	ICD-10-CM	Diagnosis
034.01	Maternal care for unspecified congenital malformation of uterus, first trimester	ICD-10-CM	Diagnosis
034.02	Maternal care for unspecified congenital malformation of uterus, second trimester	ICD-10-CM	Diagnosis
034.03	Maternal care for unspecified congenital malformation of uterus, third trimester	ICD-10-CM	Diagnosis
034.11	Maternal care for benign tumor of corpus uteri, first trimester	ICD-10-CM	Diagnosis
034.12	Maternal care for benign tumor of corpus uteri, second trimester	ICD-10-CM	Diagnosis
034.13	Maternal care for benign tumor of corpus uteri, third trimester	ICD-10-CM	Diagnosis
034.31	Maternal care for cervical incompetence, first trimester	ICD-10-CM	Diagnosis
034.32	Maternal care for cervical incompetence, second trimester	ICD-10-CM	Diagnosis
034.33	Maternal care for cervical incompetence, third trimester	ICD-10-CM	Diagnosis
034.41	Maternal care for other abnormalities of cervix, first trimester	ICD-10-CM	Diagnosis
034.42	Maternal care for other abnormalities of cervix, second trimester	ICD-10-CM	Diagnosis
034.43	Maternal care for other abnormalities of cervix, third trimester	ICD-10-CM	Diagnosis
034.511	Maternal care for incarceration of gravid uterus, first trimester	ICD-10-CM	Diagnosis
034.512	Maternal care for incarceration of gravid uterus, second trimester	ICD-10-CM	Diagnosis
034.513	Maternal care for incarceration of gravid uterus, third trimester	ICD-10-CM	Diagnosis
034.521	Maternal care for prolapse of gravid uterus, first trimester	ICD-10-CM	Diagnosis
034.522	Maternal care for prolapse of gravid uterus, second trimester	ICD-10-CM	Diagnosis
034.523	Maternal care for prolapse of gravid uterus, third trimester	ICD-10-CM	Diagnosis
034.531	Maternal care for retroversion of gravid uterus, first trimester	ICD-10-CM	Diagnosis
034.532	Maternal care for retroversion of gravid uterus, second trimester	ICD-10-CM	Diagnosis
034.533	Maternal care for retroversion of gravid uterus, third trimester	ICD-10-CM	Diagnosis
034.591	Maternal care for other abnormalities of gravid uterus, first trimester	ICD-10-CM	Diagnosis
034.592	Maternal care for other abnormalities of gravid uterus, second trimester	ICD-10-CM	Diagnosis
034.593	Maternal care for other abnormalities of gravid uterus, third trimester	ICD-10-CM	Diagnosis
034.61	Maternal care for abnormality of vagina, first trimester	ICD-10-CM	Diagnosis
034.62	Maternal care for abnormality of vagina, second trimester	ICD-10-CM	Diagnosis
034.63	Maternal care for abnormality of vagina, third trimester	ICD-10-CM	Diagnosis
034.71	Maternal care for abnormality of vulva and perineum, first trimester	ICD-10-CM	Diagnosis
034.72	Maternal care for abnormality of vulva and perineum, second trimester	ICD-10-CM	Diagnosis
034.73	Maternal care for abnormality of vulva and perineum, third trimester	ICD-10-CM	Diagnosis
034.81	Maternal care for other abnormalities of pelvic organs, first trimester	ICD-10-CM	Diagnosis
034.82	Maternal care for other abnormalities of pelvic organs, second trimester	ICD-10-CM	Diagnosis
034.83	Maternal care for other abnormalities of pelvic organs, third trimester	ICD-10-CM	Diagnosis
034.91	Maternal care for abnormality of pelvic organ, unspecified, first trimester	ICD-10-CM	Diagnosis
034.92	Maternal care for abnormality of pelvic organ, unspecified, second trimester	ICD-10-CM	Diagnosis
034.93	Maternal care for abnormality of pelvic organ, unspecified, third trimester	ICD-10-CM	Diagnosis
036.0110	Maternal care for anti-D [Rh] antibodies, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
036.0111	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 1	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O36.0112	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.0113	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.0114	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.0115	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.0119	Maternal care for anti-D [Rh] antibodies, first trimester, other fetus	ICD-10-CM	Diagnosis
O36.0120	Maternal care for anti-D [Rh] antibodies, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.0121	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.0122	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.0123	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.0124	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.0125	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.0129	Maternal care for anti-D [Rh] antibodies, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.0130	Maternal care for anti-D [Rh] antibodies, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.0131	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.0132	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.0133	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.0134	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.0135	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.0139	Maternal care for anti-D [Rh] antibodies, third trimester, other fetus	ICD-10-CM	Diagnosis
O36.0910	Maternal care for other rhesus isoimmunization, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.0911	Maternal care for other rhesus isoimmunization, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.0912	Maternal care for other rhesus isoimmunization, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.0913	Maternal care for other rhesus isoimmunization, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.0914	Maternal care for other rhesus isoimmunization, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.0915	Maternal care for other rhesus isoimmunization, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.0919	Maternal care for other rhesus isoimmunization, first trimester, other fetus	ICD-10-CM	Diagnosis
O36.0920	Maternal care for other rhesus isoimmunization, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.0921	Maternal care for other rhesus isoimmunization, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.0922	Maternal care for other rhesus isoimmunization, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.0923	Maternal care for other rhesus isoimmunization, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.0924	Maternal care for other rhesus isoimmunization, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.0925	Maternal care for other rhesus isoimmunization, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.0929	Maternal care for other rhesus isoimmunization, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.0930	Maternal care for other rhesus isoimmunization, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.0931	Maternal care for other rhesus isoimmunization, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.0932	Maternal care for other rhesus isoimmunization, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.0933	Maternal care for other rhesus isoimmunization, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.0934	Maternal care for other rhesus isoimmunization, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.0935	Maternal care for other rhesus isoimmunization, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.0939	Maternal care for other rhesus isoimmunization, third trimester, other fetus	ICD-10-CM	Diagnosis
O36.1110	Maternal care for Anti-A sensitization, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O36.1111	Maternal care for Anti-A sensitization, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.1112	Maternal care for Anti-A sensitization, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.1113	Maternal care for Anti-A sensitization, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.1114	Maternal care for Anti-A sensitization, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.1115	Maternal care for Anti-A sensitization, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.1119	Maternal care for Anti-A sensitization, first trimester, other fetus	ICD-10-CM	Diagnosis
O36.1120	Maternal care for Anti-A sensitization, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.1121	Maternal care for Anti-A sensitization, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.1122	Maternal care for Anti-A sensitization, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.1123	Maternal care for Anti-A sensitization, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.1124	Maternal care for Anti-A sensitization, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.1125	Maternal care for Anti-A sensitization, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.1129	Maternal care for Anti-A sensitization, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.1130	Maternal care for Anti-A sensitization, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.1131	Maternal care for Anti-A sensitization, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.1132	Maternal care for Anti-A sensitization, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.1133	Maternal care for Anti-A sensitization, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.1134	Maternal care for Anti-A sensitization, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.1135	Maternal care for Anti-A sensitization, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.1139	Maternal care for Anti-A sensitization, third trimester, other fetus	ICD-10-CM	Diagnosis
O36.1910	Maternal care for other isoimmunization, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.1911	Maternal care for other isoimmunization, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.1912	Maternal care for other isoimmunization, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.1913	Maternal care for other isoimmunization, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.1914	Maternal care for other isoimmunization, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.1915	Maternal care for other isoimmunization, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.1919	Maternal care for other isoimmunization, first trimester, other fetus	ICD-10-CM	Diagnosis
O36.1920	Maternal care for other isoimmunization, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.1921	Maternal care for other isoimmunization, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.1922	Maternal care for other isoimmunization, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.1923	Maternal care for other isoimmunization, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.1924	Maternal care for other isoimmunization, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.1925	Maternal care for other isoimmunization, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.1929	Maternal care for other isoimmunization, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.1930	Maternal care for other isoimmunization, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.1931	Maternal care for other isoimmunization, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.1932	Maternal care for other isoimmunization, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.1933	Maternal care for other isoimmunization, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.1934	Maternal care for other isoimmunization, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.1935	Maternal care for other isoimmunization, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.1939	Maternal care for other isoimmunization, third trimester, other fetus	ICD-10-CM	Diagnosis
O36.21X0	Maternal care for hydrops fetalis, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.21X1	Maternal care for hydrops fetalis, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.21X2	Maternal care for hydrops fetalis, first trimester, fetus 2	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
O36.21X3	Maternal care for hydrops fetalis, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.21X4	Maternal care for hydrops fetalis, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.21X5	Maternal care for hydrops fetalis, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.21X9	Maternal care for hydrops fetalis, first trimester, other fetus	ICD-10-CM	Diagnosis
O36.22X0	Maternal care for hydrops fetalis, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.22X1	Maternal care for hydrops fetalis, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.22X2	Maternal care for hydrops fetalis, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.22X3	Maternal care for hydrops fetalis, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.22X4	Maternal care for hydrops fetalis, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.22X5	Maternal care for hydrops fetalis, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.22X9	Maternal care for hydrops fetalis, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.23X0	Maternal care for hydrops fetalis, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.23X1	Maternal care for hydrops fetalis, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.23X2	Maternal care for hydrops fetalis, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.23X3	Maternal care for hydrops fetalis, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.23X4	Maternal care for hydrops fetalis, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.23X5	Maternal care for hydrops fetalis, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.23X9	Maternal care for hydrops fetalis, third trimester, other fetus	ICD-10-CM	Diagnosis
O36.5110	Maternal care for known or suspected placental insufficiency, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.5111	Maternal care for known or suspected placental insufficiency, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.5112	Maternal care for known or suspected placental insufficiency, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.5113	Maternal care for known or suspected placental insufficiency, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.5114	Maternal care for known or suspected placental insufficiency, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.5115	Maternal care for known or suspected placental insufficiency, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.5119	Maternal care for known or suspected placental insufficiency, first trimester, other fetus	ICD-10-CM	Diagnosis
O36.5120	Maternal care for known or suspected placental insufficiency, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.5121	Maternal care for known or suspected placental insufficiency, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.5122	Maternal care for known or suspected placental insufficiency, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.5123	Maternal care for known or suspected placental insufficiency, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.5124	Maternal care for known or suspected placental insufficiency, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.5125	Maternal care for known or suspected placental insufficiency, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.5129	Maternal care for known or suspected placental insufficiency, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.5130	Maternal care for known or suspected placental insufficiency, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.5131	Maternal care for known or suspected placental insufficiency, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.5132	Maternal care for known or suspected placental insufficiency, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.5133	Maternal care for known or suspected placental insufficiency, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.5134	Maternal care for known or suspected placental insufficiency, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.5135	Maternal care for known or suspected placental insufficiency, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.5139	Maternal care for known or suspected placental insufficiency, third trimester, other fetus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O36.5910	Maternal care for other known or suspected poor fetal growth, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.5911	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.5912	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.5913	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.5914	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.5915	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.5919	Maternal care for other known or suspected poor fetal growth, first trimester, other	ICD-10-CM	Diagnosis
O36.5920	Maternal care for other known or suspected poor fetal growth, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.5921	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.5922	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.5923	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.5924	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.5925	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.5929	Maternal care for other known or suspected poor fetal growth, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.5930	Maternal care for other known or suspected poor fetal growth, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.5931	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.5932	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.5933	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.5934	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.5935	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.5939	Maternal care for other known or suspected poor fetal growth, third trimester, other	ICD-10-CM	Diagnosis
O36.61X0	Maternal care for excessive fetal growth, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.61X1	Maternal care for excessive fetal growth, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.61X2	Maternal care for excessive fetal growth, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.61X3	Maternal care for excessive fetal growth, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.61X4	Maternal care for excessive fetal growth, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.61X5	Maternal care for excessive fetal growth, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.61X9	Maternal care for excessive fetal growth, first trimester, other fetus	ICD-10-CM	Diagnosis
O36.62X0	Maternal care for excessive fetal growth, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.62X1	Maternal care for excessive fetal growth, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.62X2	Maternal care for excessive fetal growth, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.62X3	Maternal care for excessive fetal growth, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.62X4	Maternal care for excessive fetal growth, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.62X5	Maternal care for excessive fetal growth, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.62X9	Maternal care for excessive fetal growth, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.63X0	Maternal care for excessive fetal growth, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.63X1	Maternal care for excessive fetal growth, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.63X2	Maternal care for excessive fetal growth, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.63X3	Maternal care for excessive fetal growth, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.63X4	Maternal care for excessive fetal growth, third trimester, fetus 4	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O36.63X5	Maternal care for excessive fetal growth, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.63X9	Maternal care for excessive fetal growth, third trimester, other fetus	ICD-10-CM	Diagnosis
O36.71X0	Maternal care for viable fetus in abdominal pregnancy, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.71X1	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.71X2	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.71X3	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.71X4	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.71X5	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.71X9	Maternal care for viable fetus in abdominal pregnancy, first trimester, other fetus	ICD-10-CM	Diagnosis
O36.72X0	Maternal care for viable fetus in abdominal pregnancy, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.72X1	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.72X2	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.72X3	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.72X4	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.72X5	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.72X9	Maternal care for viable fetus in abdominal pregnancy, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.73X0	Maternal care for viable fetus in abdominal pregnancy, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.73X1	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.73X2	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.73X3	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.73X4	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.73X5	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.73X9	Maternal care for viable fetus in abdominal pregnancy, third trimester, other fetus	ICD-10-CM	Diagnosis
O36.8120	Decreased fetal movements, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.8121	Decreased fetal movements, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.8122	Decreased fetal movements, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.8123	Decreased fetal movements, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.8124	Decreased fetal movements, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.8125	Decreased fetal movements, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.8129	Decreased fetal movements, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.8130	Decreased fetal movements, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.8131	Decreased fetal movements, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.8132	Decreased fetal movements, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.8133	Decreased fetal movements, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.8134	Decreased fetal movements, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.8135	Decreased fetal movements, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.8139	Decreased fetal movements, third trimester, other fetus	ICD-10-CM	Diagnosis
O36.8210	Fetal anemia and thrombocytopenia, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.8211	Fetal anemia and thrombocytopenia, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.8212	Fetal anemia and thrombocytopenia, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.8213	Fetal anemia and thrombocytopenia, first trimester, fetus 3	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O36.8214	Fetal anemia and thrombocytopenia, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.8215	Fetal anemia and thrombocytopenia, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.8219	Fetal anemia and thrombocytopenia, first trimester, other fetus	ICD-10-CM	Diagnosis
O36.8220	Fetal anemia and thrombocytopenia, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.8221	Fetal anemia and thrombocytopenia, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.8222	Fetal anemia and thrombocytopenia, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.8223	Fetal anemia and thrombocytopenia, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.8224	Fetal anemia and thrombocytopenia, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.8225	Fetal anemia and thrombocytopenia, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.8229	Fetal anemia and thrombocytopenia, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.8230	Fetal anemia and thrombocytopenia, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.8231	Fetal anemia and thrombocytopenia, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.8232	Fetal anemia and thrombocytopenia, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.8233	Fetal anemia and thrombocytopenia, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.8234	Fetal anemia and thrombocytopenia, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.8235	Fetal anemia and thrombocytopenia, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.8239	Fetal anemia and thrombocytopenia, third trimester, other fetus	ICD-10-CM	Diagnosis
O36.8310	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.8311	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.8312	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.8313	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.8314	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.8315	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.8320	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.8321	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.8322	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.8323	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.8324	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.8325	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.8329	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.8330	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.8331	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.8332	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.8333	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.8334	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 4	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O36.8335	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.8339	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, other fetus	ICD-10-CM	Diagnosis
O36.8910	Maternal care for other specified fetal problems, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.8911	Maternal care for other specified fetal problems, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.8912	Maternal care for other specified fetal problems, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.8913	Maternal care for other specified fetal problems, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.8914	Maternal care for other specified fetal problems, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.8915	Maternal care for other specified fetal problems, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.8919	Maternal care for other specified fetal problems, first trimester, other fetus	ICD-10-CM	Diagnosis
O36.8920	Maternal care for other specified fetal problems, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.8921	Maternal care for other specified fetal problems, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.8922	Maternal care for other specified fetal problems, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.8923	Maternal care for other specified fetal problems, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.8924	Maternal care for other specified fetal problems, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.8925	Maternal care for other specified fetal problems, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.8929	Maternal care for other specified fetal problems, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.8930	Maternal care for other specified fetal problems, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.8931	Maternal care for other specified fetal problems, third trimester, fetus 1	ICD-10-CM	Diagnosis
O36.8932	Maternal care for other specified fetal problems, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.8933	Maternal care for other specified fetal problems, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.8934	Maternal care for other specified fetal problems, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.8935	Maternal care for other specified fetal problems, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.8939	Maternal care for other specified fetal problems, third trimester, other fetus	ICD-10-CM	Diagnosis
O36.91X0	Maternal care for fetal problem, unspecified, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.91X1	Maternal care for fetal problem, unspecified, first trimester, fetus 1	ICD-10-CM	Diagnosis
O36.91X2	Maternal care for fetal problem, unspecified, first trimester, fetus 2	ICD-10-CM	Diagnosis
O36.91X3	Maternal care for fetal problem, unspecified, first trimester, fetus 3	ICD-10-CM	Diagnosis
O36.91X4	Maternal care for fetal problem, unspecified, first trimester, fetus 4	ICD-10-CM	Diagnosis
O36.91X5	Maternal care for fetal problem, unspecified, first trimester, fetus 5	ICD-10-CM	Diagnosis
O36.91X9	Maternal care for fetal problem, unspecified, first trimester, other fetus	ICD-10-CM	Diagnosis
O36.92X0	Maternal care for fetal problem, unspecified, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.92X1	Maternal care for fetal problem, unspecified, second trimester, fetus 1	ICD-10-CM	Diagnosis
O36.92X2	Maternal care for fetal problem, unspecified, second trimester, fetus 2	ICD-10-CM	Diagnosis
O36.92X3	Maternal care for fetal problem, unspecified, second trimester, fetus 3	ICD-10-CM	Diagnosis
O36.92X4	Maternal care for fetal problem, unspecified, second trimester, fetus 4	ICD-10-CM	Diagnosis
O36.92X5	Maternal care for fetal problem, unspecified, second trimester, fetus 5	ICD-10-CM	Diagnosis
O36.92X9	Maternal care for fetal problem, unspecified, second trimester, other fetus	ICD-10-CM	Diagnosis
O36.93X0	Maternal care for fetal problem, unspecified, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.93X1	Maternal care for fetal problem, unspecified, third trimester, fetus 1	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O36.93X2	Maternal care for fetal problem, unspecified, third trimester, fetus 2	ICD-10-CM	Diagnosis
O36.93X3	Maternal care for fetal problem, unspecified, third trimester, fetus 3	ICD-10-CM	Diagnosis
O36.93X4	Maternal care for fetal problem, unspecified, third trimester, fetus 4	ICD-10-CM	Diagnosis
O36.93X5	Maternal care for fetal problem, unspecified, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.93X9	Maternal care for fetal problem, unspecified, third trimester, other fetus	ICD-10-CM	Diagnosis
O40.1XX0	Polyhydramnios, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O40.1XX1	Polyhydramnios, first trimester, fetus 1	ICD-10-CM	Diagnosis
O40.1XX2	Polyhydramnios, first trimester, fetus 2	ICD-10-CM	Diagnosis
O40.1XX3	Polyhydramnios, first trimester, fetus 3	ICD-10-CM	Diagnosis
O40.1XX4	Polyhydramnios, first trimester, fetus 4	ICD-10-CM	Diagnosis
O40.1XX5	Polyhydramnios, first trimester, fetus 5	ICD-10-CM	Diagnosis
O40.1XX9	Polyhydramnios, first trimester, other fetus	ICD-10-CM	Diagnosis
O40.2XX0	Polyhydramnios, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O40.2XX1	Polyhydramnios, second trimester, fetus 1	ICD-10-CM	Diagnosis
O40.2XX2	Polyhydramnios, second trimester, fetus 2	ICD-10-CM	Diagnosis
O40.2XX3	Polyhydramnios, second trimester, fetus 3	ICD-10-CM	Diagnosis
O40.2XX4	Polyhydramnios, second trimester, fetus 4	ICD-10-CM	Diagnosis
O40.2XX5	Polyhydramnios, second trimester, fetus 5	ICD-10-CM	Diagnosis
O40.2XX9	Polyhydramnios, second trimester, other fetus	ICD-10-CM	Diagnosis
O40.3XX0	Polyhydramnios, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O40.3XX1	Polyhydramnios, third trimester, fetus 1	ICD-10-CM	Diagnosis
O40.3XX2	Polyhydramnios, third trimester, fetus 2	ICD-10-CM	Diagnosis
O40.3XX3	Polyhydramnios, third trimester, fetus 3	ICD-10-CM	Diagnosis
O40.3XX4	Polyhydramnios, third trimester, fetus 4	ICD-10-CM	Diagnosis
O40.3XX5	Polyhydramnios, third trimester, fetus 5	ICD-10-CM	Diagnosis
O40.3XX9	Polyhydramnios, third trimester, other fetus	ICD-10-CM	Diagnosis
O41.01X0	Oligohydramnios, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.01X1	Oligohydramnios, first trimester, fetus 1	ICD-10-CM	Diagnosis
O41.01X2	Oligohydramnios, first trimester, fetus 2	ICD-10-CM	Diagnosis
O41.01X3	Oligohydramnios, first trimester, fetus 3	ICD-10-CM	Diagnosis
O41.01X4	Oligohydramnios, first trimester, fetus 4	ICD-10-CM	Diagnosis
O41.01X5	Oligohydramnios, first trimester, fetus 5	ICD-10-CM	Diagnosis
O41.01X9	Oligohydramnios, first trimester, other fetus	ICD-10-CM	Diagnosis
O41.02X0	Oligohydramnios, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.02X1	Oligohydramnios, second trimester, fetus 1	ICD-10-CM	Diagnosis
O41.02X2	Oligohydramnios, second trimester, fetus 2	ICD-10-CM	Diagnosis
O41.02X3	Oligohydramnios, second trimester, fetus 3	ICD-10-CM	Diagnosis
O41.02X4	Oligohydramnios, second trimester, fetus 4	ICD-10-CM	Diagnosis
O41.02X5	Oligohydramnios, second trimester, fetus 5	ICD-10-CM	Diagnosis
O41.02X9	Oligohydramnios, second trimester, other fetus	ICD-10-CM	Diagnosis
O41.03X0	Oligohydramnios, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.03X1	Oligohydramnios, third trimester, fetus 1	ICD-10-CM	Diagnosis
O41.03X2	Oligohydramnios, third trimester, fetus 2	ICD-10-CM	Diagnosis
O41.03X3	Oligohydramnios, third trimester, fetus 3	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O41.03X4	Oligohydramnios, third trimester, fetus 4	ICD-10-CM	Diagnosis
O41.03X5	Oligohydramnios, third trimester, fetus 5	ICD-10-CM	Diagnosis
O41.03X9	Oligohydramnios, third trimester, other fetus	ICD-10-CM	Diagnosis
O41.1010	Infection of amniotic sac and membranes, unspecified, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.1011	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 1	ICD-10-CM	Diagnosis
O41.1012	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 2	ICD-10-CM	Diagnosis
O41.1013	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 3	ICD-10-CM	Diagnosis
O41.1014	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 4	ICD-10-CM	Diagnosis
O41.1015	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 5	ICD-10-CM	Diagnosis
O41.1019	Infection of amniotic sac and membranes, unspecified, first trimester, other fetus	ICD-10-CM	Diagnosis
O41.1020	Infection of amniotic sac and membranes, unspecified, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.1021	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 1	ICD-10-CM	Diagnosis
O41.1022	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 2	ICD-10-CM	Diagnosis
O41.1023	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 3	ICD-10-CM	Diagnosis
O41.1024	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 4	ICD-10-CM	Diagnosis
O41.1025	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 5	ICD-10-CM	Diagnosis
O41.1029	Infection of amniotic sac and membranes, unspecified, second trimester, other fetus	ICD-10-CM	Diagnosis
O41.1030	Infection of amniotic sac and membranes, unspecified, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.1031	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 1	ICD-10-CM	Diagnosis
O41.1032	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 2	ICD-10-CM	Diagnosis
O41.1033	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 3	ICD-10-CM	Diagnosis
O41.1034	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 4	ICD-10-CM	Diagnosis
O41.1035	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 5	ICD-10-CM	Diagnosis
O41.1039	Infection of amniotic sac and membranes, unspecified, third trimester, other fetus	ICD-10-CM	Diagnosis
O41.1210	Chorioamnionitis, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.1211	Chorioamnionitis, first trimester, fetus 1	ICD-10-CM	Diagnosis
O41.1212	Chorioamnionitis, first trimester, fetus 2	ICD-10-CM	Diagnosis
O41.1213	Chorioamnionitis, first trimester, fetus 3	ICD-10-CM	Diagnosis
O41.1214	Chorioamnionitis, first trimester, fetus 4	ICD-10-CM	Diagnosis
O41.1215	Chorioamnionitis, first trimester, fetus 5	ICD-10-CM	Diagnosis
O41.1219	Chorioamnionitis, first trimester, other fetus	ICD-10-CM	Diagnosis
O41.1220	Chorioamnionitis, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.1221	Chorioamnionitis, second trimester, fetus 1	ICD-10-CM	Diagnosis
O41.1222	Chorioamnionitis, second trimester, fetus 2	ICD-10-CM	Diagnosis
O41.1223	Chorioamnionitis, second trimester, fetus 3	ICD-10-CM	Diagnosis
O41.1224	Chorioamnionitis, second trimester, fetus 4	ICD-10-CM	Diagnosis
O41.1225	Chorioamnionitis, second trimester, fetus 5	ICD-10-CM	Diagnosis
O41.1229	Chorioamnionitis, second trimester, other fetus	ICD-10-CM	Diagnosis
O41.1230	Chorioamnionitis, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.1231	Chorioamnionitis, third trimester, fetus 1	ICD-10-CM	Diagnosis
O41.1232	Chorioamnionitis, third trimester, fetus 2	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O41.1233	Chorioamnionitis, third trimester, fetus 3	ICD-10-CM	Diagnosis
O41.1234	Chorioamnionitis, third trimester, fetus 4	ICD-10-CM	Diagnosis
O41.1235	Chorioamnionitis, third trimester, fetus 5	ICD-10-CM	Diagnosis
O41.1239	Chorioamnionitis, third trimester, other fetus	ICD-10-CM	Diagnosis
O41.1410	Placentitis, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.1411	Placentitis, first trimester, fetus 1	ICD-10-CM	Diagnosis
O41.1412	Placentitis, first trimester, fetus 2	ICD-10-CM	Diagnosis
O41.1413	Placentitis, first trimester, fetus 3	ICD-10-CM	Diagnosis
O41.1414	Placentitis, first trimester, fetus 4	ICD-10-CM	Diagnosis
O41.1415	Placentitis, first trimester, fetus 5	ICD-10-CM	Diagnosis
O41.1419	Placentitis, first trimester, other fetus	ICD-10-CM	Diagnosis
O41.1420	Placentitis, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.1421	Placentitis, second trimester, fetus 1	ICD-10-CM	Diagnosis
O41.1422	Placentitis, second trimester, fetus 2	ICD-10-CM	Diagnosis
O41.1423	Placentitis, second trimester, fetus 3	ICD-10-CM	Diagnosis
O41.1424	Placentitis, second trimester, fetus 4	ICD-10-CM	Diagnosis
O41.1425	Placentitis, second trimester, fetus 5	ICD-10-CM	Diagnosis
O41.1429	Placentitis, second trimester, other fetus	ICD-10-CM	Diagnosis
O41.1430	Placentitis, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.1431	Placentitis, third trimester, fetus 1	ICD-10-CM	Diagnosis
O41.1432	Placentitis, third trimester, fetus 2	ICD-10-CM	Diagnosis
O41.1433	Placentitis, third trimester, fetus 3	ICD-10-CM	Diagnosis
O41.1434	Placentitis, third trimester, fetus 4	ICD-10-CM	Diagnosis
O41.1435	Placentitis, third trimester, fetus 5	ICD-10-CM	Diagnosis
O41.1439	Placentitis, third trimester, other fetus	ICD-10-CM	Diagnosis
O41.8X10	Other specified disorders of amniotic fluid and membranes, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.8X11	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 1	ICD-10-CM	Diagnosis
O41.8X12	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 2	ICD-10-CM	Diagnosis
O41.8X13	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 3	ICD-10-CM	Diagnosis
O41.8X14	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 4	ICD-10-CM	Diagnosis
O41.8X15	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 5	ICD-10-CM	Diagnosis
O41.8X19	Other specified disorders of amniotic fluid and membranes, first trimester, other fetus	ICD-10-CM	Diagnosis
O41.8X20	Other specified disorders of amniotic fluid and membranes, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.8X21	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 1	ICD-10-CM	Diagnosis
O41.8X22	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 2	ICD-10-CM	Diagnosis
O41.8X23	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 3	ICD-10-CM	Diagnosis
O41.8X24	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 4	ICD-10-CM	Diagnosis
O41.8X25	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 5	ICD-10-CM	Diagnosis
O41.8X29	Other specified disorders of amniotic fluid and membranes, second trimester, other fetus	ICD-10-CM	Diagnosis
O41.8X30	Other specified disorders of amniotic fluid and membranes, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.8X31	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 1	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O41.8X32	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 2	ICD-10-CM	Diagnosis
O41.8X33	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 3	ICD-10-CM	Diagnosis
O41.8X34	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 4	ICD-10-CM	Diagnosis
O41.8X35	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 5	ICD-10-CM	Diagnosis
O41.8X39	Other specified disorders of amniotic fluid and membranes, third trimester, other fetus	ICD-10-CM	Diagnosis
O41.91X0	Disorder of amniotic fluid and membranes, unspecified, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.91X1	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 1	ICD-10-CM	Diagnosis
O41.91X2	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 2	ICD-10-CM	Diagnosis
O41.91X3	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 3	ICD-10-CM	Diagnosis
O41.91X4	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 4	ICD-10-CM	Diagnosis
O41.91X5	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 5	ICD-10-CM	Diagnosis
O41.91X9	Disorder of amniotic fluid and membranes, unspecified, first trimester, other fetus	ICD-10-CM	Diagnosis
O41.92X0	Disorder of amniotic fluid and membranes, unspecified, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.92X1	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 1	ICD-10-CM	Diagnosis
O41.92X2	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 2	ICD-10-CM	Diagnosis
O41.92X3	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 3	ICD-10-CM	Diagnosis
O41.92X4	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 4	ICD-10-CM	Diagnosis
O41.92X5	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 5	ICD-10-CM	Diagnosis
O41.92X9	Disorder of amniotic fluid and membranes, unspecified, second trimester, other fetus	ICD-10-CM	Diagnosis
O41.93X0	Disorder of amniotic fluid and membranes, unspecified, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O41.93X1	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 1	ICD-10-CM	Diagnosis
O41.93X2	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 2	ICD-10-CM	Diagnosis
O41.93X3	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 3	ICD-10-CM	Diagnosis
O41.93X4	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 4	ICD-10-CM	Diagnosis
O41.93X5	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 5	ICD-10-CM	Diagnosis
O41.93X9	Disorder of amniotic fluid and membranes, unspecified, third trimester, other fetus	ICD-10-CM	Diagnosis
O42.011	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, first trimester	ICD-10-CM	Diagnosis
O42.012	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, second trimester	ICD-10-CM	Diagnosis
O42.013	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, third trimester	ICD-10-CM	Diagnosis
O42.019	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, unspecified trimester	ICD-10-CM	Diagnosis
O42.02	Full-term premature rupture of membranes, onset of labor within 24 hours of rupture	ICD-10-CM	Diagnosis
O42.111	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, first trimester	ICD-10-CM	Diagnosis
O42.112	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, second trimester	ICD-10-CM	Diagnosis
O42.113	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, third trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O42.119	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, unspecified trimester	ICD-10-CM	Diagnosis
O42.12	Full-term premature rupture of membranes, onset of labor more than 24 hours following rupture	ICD-10-CM	Diagnosis
O42.911	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, first trimester	ICD-10-CM	Diagnosis
O42.912	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, second trimester	ICD-10-CM	Diagnosis
O42.913	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, third trimester	ICD-10-CM	Diagnosis
O42.919	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, unspecified trimester	ICD-10-CM	Diagnosis
O42.92	Full-term premature rupture of membranes, unspecified as to length of time between rupture and onset of labor	ICD-10-CM	Diagnosis
O43.011	Fetomaternal placental transfusion syndrome, first trimester	ICD-10-CM	Diagnosis
O43.012	Fetomaternal placental transfusion syndrome, second trimester	ICD-10-CM	Diagnosis
O43.013	Fetomaternal placental transfusion syndrome, third trimester	ICD-10-CM	Diagnosis
O43.021	Fetus-to-fetus placental transfusion syndrome, first trimester	ICD-10-CM	Diagnosis
O43.022	Fetus-to-fetus placental transfusion syndrome, second trimester	ICD-10-CM	Diagnosis
O43.023	Fetus-to-fetus placental transfusion syndrome, third trimester	ICD-10-CM	Diagnosis
O43.101	Malformation of placenta, unspecified, first trimester	ICD-10-CM	Diagnosis
O43.102	Malformation of placenta, unspecified, second trimester	ICD-10-CM	Diagnosis
O43.103	Malformation of placenta, unspecified, third trimester	ICD-10-CM	Diagnosis
O43.111	Circumvallate placenta, first trimester	ICD-10-CM	Diagnosis
O43.112	Circumvallate placenta, second trimester	ICD-10-CM	Diagnosis
O43.113	Circumvallate placenta, third trimester	ICD-10-CM	Diagnosis
O43.121	Velamentous insertion of umbilical cord, first trimester	ICD-10-CM	Diagnosis
O43.122	Velamentous insertion of umbilical cord, second trimester	ICD-10-CM	Diagnosis
O43.123	Velamentous insertion of umbilical cord, third trimester	ICD-10-CM	Diagnosis
O43.191	Other malformation of placenta, first trimester	ICD-10-CM	Diagnosis
O43.192	Other malformation of placenta, second trimester	ICD-10-CM	Diagnosis
O43.193	Other malformation of placenta, third trimester	ICD-10-CM	Diagnosis
O43.211	Placenta accreta, first trimester	ICD-10-CM	Diagnosis
O43.212	Placenta accreta, second trimester	ICD-10-CM	Diagnosis
O43.213	Placenta accreta, third trimester	ICD-10-CM	Diagnosis
O43.221	Placenta increta, first trimester	ICD-10-CM	Diagnosis
O43.222	Placenta increta, second trimester	ICD-10-CM	Diagnosis
O43.223	Placenta increta, third trimester	ICD-10-CM	Diagnosis
O43.231	Placenta percreta, first trimester	ICD-10-CM	Diagnosis
O43.232	Placenta percreta, second trimester	ICD-10-CM	Diagnosis
O43.233	Placenta percreta, third trimester	ICD-10-CM	Diagnosis
O43.811	Placental infarction, first trimester	ICD-10-CM	Diagnosis
O43.812	Placental infarction, second trimester	ICD-10-CM	Diagnosis
O43.813	Placental infarction, third trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O43.891	Other placental disorders, first trimester	ICD-10-CM	Diagnosis
O43.892	Other placental disorders, second trimester	ICD-10-CM	Diagnosis
O43.893	Other placental disorders, third trimester	ICD-10-CM	Diagnosis
O43.91	Unspecified placental disorder, first trimester	ICD-10-CM	Diagnosis
O43.92	Unspecified placental disorder, second trimester	ICD-10-CM	Diagnosis
O43.93	Unspecified placental disorder, third trimester	ICD-10-CM	Diagnosis
O44.01	Complete placenta previa NOS or without hemorrhage, first trimester	ICD-10-CM	Diagnosis
O44.02	Complete placenta previa NOS or without hemorrhage, second trimester	ICD-10-CM	Diagnosis
O44.03	Complete placenta previa NOS or without hemorrhage, third trimester	ICD-10-CM	Diagnosis
O44.11	Complete placenta previa with hemorrhage, first trimester	ICD-10-CM	Diagnosis
O44.12	Complete placenta previa with hemorrhage, second trimester	ICD-10-CM	Diagnosis
O44.13	Complete placenta previa with hemorrhage, third trimester	ICD-10-CM	Diagnosis
O44.21	Partial placenta previa NOS or without hemorrhage, first trimester	ICD-10-CM	Diagnosis
O44.22	Partial placenta previa NOS or without hemorrhage, second trimester	ICD-10-CM	Diagnosis
O44.23	Partial placenta previa NOS or without hemorrhage, third trimester	ICD-10-CM	Diagnosis
O44.31	Partial placenta previa with hemorrhage, first trimester	ICD-10-CM	Diagnosis
O44.32	Partial placenta previa with hemorrhage, second trimester	ICD-10-CM	Diagnosis
O44.33	Partial placenta previa with hemorrhage, third trimester	ICD-10-CM	Diagnosis
O44.41	Low lying placenta NOS or without hemorrhage, first trimester	ICD-10-CM	Diagnosis
O44.42	Low lying placenta NOS or without hemorrhage, second trimester	ICD-10-CM	Diagnosis
O44.43	Low lying placenta NOS or without hemorrhage, third trimester	ICD-10-CM	Diagnosis
O44.51	Low lying placenta with hemorrhage, first trimester	ICD-10-CM	Diagnosis
O44.52	Low lying placenta with hemorrhage, second trimester	ICD-10-CM	Diagnosis
O44.53	Low lying placenta with hemorrhage, third trimester	ICD-10-CM	Diagnosis
O45.001	Premature separation of placenta with coagulation defect, unspecified, first trimester	ICD-10-CM	Diagnosis
O45.002	Premature separation of placenta with coagulation defect, unspecified, second trimester	ICD-10-CM	Diagnosis
O45.003	Premature separation of placenta with coagulation defect, unspecified, third trimester	ICD-10-CM	Diagnosis
O45.011	Premature separation of placenta with afibrinogenemia, first trimester	ICD-10-CM	Diagnosis
O45.012	Premature separation of placenta with afibrinogenemia, second trimester	ICD-10-CM	Diagnosis
O45.013	Premature separation of placenta with afibrinogenemia, third trimester	ICD-10-CM	Diagnosis
O45.021	Premature separation of placenta with disseminated intravascular coagulation, first trimester	ICD-10-CM	Diagnosis
O45.022	Premature separation of placenta with disseminated intravascular coagulation, second trimester	ICD-10-CM	Diagnosis
O45.023	Premature separation of placenta with disseminated intravascular coagulation, third trimester	ICD-10-CM	Diagnosis
O45.091	Premature separation of placenta with other coagulation defect, first trimester	ICD-10-CM	Diagnosis
O45.092	Premature separation of placenta with other coagulation defect, second trimester	ICD-10-CM	Diagnosis
O45.093	Premature separation of placenta with other coagulation defect, third trimester	ICD-10-CM	Diagnosis
O45.8X1	Other premature separation of placenta, first trimester	ICD-10-CM	Diagnosis
O45.8X2	Other premature separation of placenta, second trimester	ICD-10-CM	Diagnosis
O45.8X3	Other premature separation of placenta, third trimester	ICD-10-CM	Diagnosis
O45.91	Premature separation of placenta, unspecified, first trimester	ICD-10-CM	Diagnosis
O45.92	Premature separation of placenta, unspecified, second trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O45.93	Premature separation of placenta, unspecified, third trimester	ICD-10-CM	Diagnosis
O46.001	Antepartum hemorrhage with coagulation defect, unspecified, first trimester	ICD-10-CM	Diagnosis
O46.002	Antepartum hemorrhage with coagulation defect, unspecified, second trimester	ICD-10-CM	Diagnosis
O46.003	Antepartum hemorrhage with coagulation defect, unspecified, third trimester	ICD-10-CM	Diagnosis
O46.011	Antepartum hemorrhage with afibrinogenemia, first trimester	ICD-10-CM	Diagnosis
O46.012	Antepartum hemorrhage with afibrinogenemia, second trimester	ICD-10-CM	Diagnosis
O46.013	Antepartum hemorrhage with afibrinogenemia, third trimester	ICD-10-CM	Diagnosis
O46.021	Antepartum hemorrhage with disseminated intravascular coagulation, first trimester	ICD-10-CM	Diagnosis
O46.022	Antepartum hemorrhage with disseminated intravascular coagulation, second trimester	ICD-10-CM	Diagnosis
O46.023	Antepartum hemorrhage with disseminated intravascular coagulation, third trimester	ICD-10-CM	Diagnosis
O46.091	Antepartum hemorrhage with other coagulation defect, first trimester	ICD-10-CM	Diagnosis
O46.092	Antepartum hemorrhage with other coagulation defect, second trimester	ICD-10-CM	Diagnosis
O46.093	Antepartum hemorrhage with other coagulation defect, third trimester	ICD-10-CM	Diagnosis
O46.8X1	Other antepartum hemorrhage, first trimester	ICD-10-CM	Diagnosis
O46.8X2	Other antepartum hemorrhage, second trimester	ICD-10-CM	Diagnosis
O46.8X3	Other antepartum hemorrhage, third trimester	ICD-10-CM	Diagnosis
O46.91	Antepartum hemorrhage, unspecified, first trimester	ICD-10-CM	Diagnosis
O46.92	Antepartum hemorrhage, unspecified, second trimester	ICD-10-CM	Diagnosis
O46.93	Antepartum hemorrhage, unspecified, third trimester	ICD-10-CM	Diagnosis
O47.02	False labor before 37 completed weeks of gestation, second trimester	ICD-10-CM	Diagnosis
O47.03	False labor before 37 completed weeks of gestation, third trimester	ICD-10-CM	Diagnosis
O47.1	False labor at or after 37 completed weeks of gestation	ICD-10-CM	Diagnosis
O48.0	Post-term pregnancy	ICD-10-CM	Diagnosis
O48.1	Prolonged pregnancy	ICD-10-CM	Diagnosis
O60.02	Preterm labor without delivery, second trimester	ICD-10-CM	Diagnosis
O60.03	Preterm labor without delivery, third trimester	ICD-10-CM	Diagnosis
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O71.02	Rupture of uterus before onset of labor, second trimester	ICD-10-CM	Diagnosis
O71.03	Rupture of uterus before onset of labor, third trimester	ICD-10-CM	Diagnosis
O75.82	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section	ICD-10-CM	Diagnosis
O88.011	Air embolism in pregnancy, first trimester	ICD-10-CM	Diagnosis
O88.012	Air embolism in pregnancy, second trimester	ICD-10-CM	Diagnosis
O88.013	Air embolism in pregnancy, third trimester	ICD-10-CM	Diagnosis
O88.111	Amniotic fluid embolism in pregnancy, first trimester	ICD-10-CM	Diagnosis
O88.112	Amniotic fluid embolism in pregnancy, second trimester	ICD-10-CM	Diagnosis
O88.113	Amniotic fluid embolism in pregnancy, third trimester	ICD-10-CM	Diagnosis
O88.211	Thromboembolism in pregnancy, first trimester	ICD-10-CM	Diagnosis
O88.212	Thromboembolism in pregnancy, second trimester	ICD-10-CM	Diagnosis
O88.213	Thromboembolism in pregnancy, third trimester	ICD-10-CM	Diagnosis
O88.311	Pyemic and septic embolism in pregnancy, first trimester	ICD-10-CM	Diagnosis
O88.312	Pyemic and septic embolism in pregnancy, second trimester	ICD-10-CM	Diagnosis
O88.313	Pyemic and septic embolism in pregnancy, third trimester	ICD-10-CM	Diagnosis
O88.811	Other embolism in pregnancy, first trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O88.812	Other embolism in pregnancy, second trimester	ICD-10-CM	Diagnosis
O88.813	Other embolism in pregnancy, third trimester	ICD-10-CM	Diagnosis
O91.011	Infection of nipple associated with pregnancy, first trimester	ICD-10-CM	Diagnosis
O91.012	Infection of nipple associated with pregnancy, second trimester	ICD-10-CM	Diagnosis
O91.013	Infection of nipple associated with pregnancy, third trimester	ICD-10-CM	Diagnosis
O91.111	Abscess of breast associated with pregnancy, first trimester	ICD-10-CM	Diagnosis
O91.112	Abscess of breast associated with pregnancy, second trimester	ICD-10-CM	Diagnosis
O91.113	Abscess of breast associated with pregnancy, third trimester	ICD-10-CM	Diagnosis
O91.211	Nonpurulent mastitis associated with pregnancy, first trimester	ICD-10-CM	Diagnosis
O91.212	Nonpurulent mastitis associated with pregnancy, second trimester	ICD-10-CM	Diagnosis
O91.213	Nonpurulent mastitis associated with pregnancy, third trimester	ICD-10-CM	Diagnosis
O92.011	Retracted nipple associated with pregnancy, first trimester	ICD-10-CM	Diagnosis
O92.012	Retracted nipple associated with pregnancy, second trimester	ICD-10-CM	Diagnosis
O92.013	Retracted nipple associated with pregnancy, third trimester	ICD-10-CM	Diagnosis
O92.111	Cracked nipple associated with pregnancy, first trimester	ICD-10-CM	Diagnosis
O92.112	Cracked nipple associated with pregnancy, second trimester	ICD-10-CM	Diagnosis
O92.113	Cracked nipple associated with pregnancy, third trimester	ICD-10-CM	Diagnosis
O98.011	Tuberculosis complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O98.012	Tuberculosis complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O98.013	Tuberculosis complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O98.111	Syphilis complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O98.112	Syphilis complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O98.113	Syphilis complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O98.211	Gonorrhea complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O98.212	Gonorrhea complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O98.213	Gonorrhea complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O98.311	Other infections with a predominantly sexual mode of transmission complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O98.312	Other infections with a predominantly sexual mode of transmission complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O98.313	Other infections with a predominantly sexual mode of transmission complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O98.411	Viral hepatitis complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O98.412	Viral hepatitis complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O98.413	Viral hepatitis complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O98.511	Other viral diseases complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O98.512	Other viral diseases complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O98.513	Other viral diseases complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O98.611	Protozoal diseases complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O98.612	Protozoal diseases complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O98.613	Protozoal diseases complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O98.711	Human immunodeficiency virus [HIV] disease complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O98.712	Human immunodeficiency virus [HIV] disease complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O98.713	Human immunodeficiency virus [HIV] disease complicating pregnancy, third trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
098.811	Other maternal infectious and parasitic diseases complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
098.812	Other maternal infectious and parasitic diseases complicating pregnancy, second	ICD-10-CM	Diagnosis
098.813	Other maternal infectious and parasitic diseases complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
098.911	Unspecified maternal infectious and parasitic disease complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
098.912	Unspecified maternal infectious and parasitic disease complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
098.913	Unspecified maternal infectious and parasitic disease complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
099.011	Anemia complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
099.012	Anemia complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
099.013	Anemia complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
099.111	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
099.112	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
099.113	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
099.211	Obesity complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
099.212	Obesity complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
099.213	Obesity complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
099.281	Endocrine, nutritional and metabolic diseases complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
099.282	Endocrine, nutritional and metabolic diseases complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
099.283	Endocrine, nutritional and metabolic diseases complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
099.311	Alcohol use complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
099.312	Alcohol use complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
099.313	Alcohol use complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
099.321	Drug use complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
099.322	Drug use complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
099.323	Drug use complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
099.331	Smoking (tobacco) complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
099.332	Smoking (tobacco) complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
099.333	Smoking (tobacco) complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
099.341	Other mental disorders complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
099.342	Other mental disorders complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
099.343	Other mental disorders complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
099.351	Diseases of the nervous system complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
099.352	Diseases of the nervous system complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
099.353	Diseases of the nervous system complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
099.411	Diseases of the circulatory system complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
099.412	Diseases of the circulatory system complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
099.413	Diseases of the circulatory system complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
099.511	Diseases of the respiratory system complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
099.512	Diseases of the respiratory system complicating pregnancy, second trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O99.513	Diseases of the respiratory system complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O99.611	Diseases of the digestive system complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O99.612	Diseases of the digestive system complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O99.613	Diseases of the digestive system complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O99.711	Diseases of the skin and subcutaneous tissue complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O99.712	Diseases of the skin and subcutaneous tissue complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O99.713	Diseases of the skin and subcutaneous tissue complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O99.841	Bariatric surgery status complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O99.842	Bariatric surgery status complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O99.843	Bariatric surgery status complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O9A.111	Malignant neoplasm complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O9A.112	Malignant neoplasm complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O9A.113	Malignant neoplasm complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O9A.211	Injury, poisoning and certain other consequences of external causes complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O9A.212	Injury, poisoning and certain other consequences of external causes complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O9A.213	Injury, poisoning and certain other consequences of external causes complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O9A.311	Physical abuse complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O9A.312	Physical abuse complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O9A.313	Physical abuse complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O9A.411	Sexual abuse complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O9A.412	Sexual abuse complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O9A.413	Sexual abuse complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O9A.511	Psychological abuse complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O9A.512	Psychological abuse complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O9A.513	Psychological abuse complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
P07.00	Extremely low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.01	Extremely low birth weight newborn, less than 500 grams	ICD-10-CM	Diagnosis
P07.02	Extremely low birth weight newborn, 500-749 grams	ICD-10-CM	Diagnosis
P07.03	Extremely low birth weight newborn, 750-999 grams	ICD-10-CM	Diagnosis
P07.10	Other low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.14	Other low birth weight newborn, 1000-1249 grams	ICD-10-CM	Diagnosis
P07.15	Other low birth weight newborn, 1250-1499 grams	ICD-10-CM	Diagnosis
P07.16	Other low birth weight newborn, 1500-1749 grams	ICD-10-CM	Diagnosis
P07.17	Other low birth weight newborn, 1750-1999 grams	ICD-10-CM	Diagnosis
P07.18	Other low birth weight newborn, 2000-2499 grams	ICD-10-CM	Diagnosis
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	ICD-10-CM	Diagnosis
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	ICD-10-CM	Diagnosis
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	ICD-10-CM	Diagnosis
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	ICD-10-CM	Diagnosis
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	ICD-10-CM	Diagnosis
P07.30	Preterm newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P07.31	Preterm newborn, gestational age 28 completed weeks	ICD-10-CM	Diagnosis
P07.32	Preterm newborn, gestational age 29 completed weeks	ICD-10-CM	Diagnosis
P07.33	Preterm newborn, gestational age 30 completed weeks	ICD-10-CM	Diagnosis
P07.34	Preterm newborn, gestational age 31 completed weeks	ICD-10-CM	Diagnosis
P07.35	Preterm newborn, gestational age 32 completed weeks	ICD-10-CM	Diagnosis
P07.36	Preterm newborn, gestational age 33 completed weeks	ICD-10-CM	Diagnosis
P07.37	Preterm newborn, gestational age 34 completed weeks	ICD-10-CM	Diagnosis
P07.38	Preterm newborn, gestational age 35 completed weeks	ICD-10-CM	Diagnosis
P07.39	Preterm newborn, gestational age 36 completed weeks	ICD-10-CM	Diagnosis
P08.22	Prolonged gestation of newborn	ICD-10-CM	Diagnosis
Z34.01	Encounter for supervision of normal first pregnancy, first trimester	ICD-10-CM	Diagnosis
Z34.02	Encounter for supervision of normal first pregnancy, second trimester	ICD-10-CM	Diagnosis
Z34.03	Encounter for supervision of normal first pregnancy, third trimester	ICD-10-CM	Diagnosis
Z34.81	Encounter for supervision of other normal pregnancy, first trimester	ICD-10-CM	Diagnosis
Z34.82	Encounter for supervision of other normal pregnancy, second trimester	ICD-10-CM	Diagnosis
Z34.83	Encounter for supervision of other normal pregnancy, third trimester	ICD-10-CM	Diagnosis
Z34.91	Encounter for supervision of normal pregnancy, unspecified, first trimester	ICD-10-CM	Diagnosis
Z34.92	Encounter for supervision of normal pregnancy, unspecified, second trimester	ICD-10-CM	Diagnosis
Z34.93	Encounter for supervision of normal pregnancy, unspecified, third trimester	ICD-10-CM	Diagnosis
Z3A.01	Less than 8 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.08	8 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.09	9 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.10	10 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.11	11 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.12	12 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.13	13 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.14	14 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.15	15 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.16	16 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.17	17 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.18	18 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.19	19 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.20	20 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.21	21 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.22	22 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.23	23 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.24	24 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.25	25 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.26	26 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.27	27 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.28	28 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.29	29 weeks gestation of pregnancy	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Z3A.30	30 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.31	31 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.32	32 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.33	33 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.34	34 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.35	35 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.36	36 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.37	37 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.38	38 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.39	39 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.40	40 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.41	41 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.42	42 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A.49	Greater than 42 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
58321	ARTIFICIAL INSEMINATION; INTRA-CERVICAL	CPT-4	Procedure
58322	ARTIFICIAL INSEMINATION	CPT-4	Procedure
58974	TRANSFER OF EMBRYO	CPT-4	Procedure
58976	Gamete, zygote, or embryo intrafallopian transfer	CPT-4	Procedure
59015	Chorionic villus sampling, any method	CPT-4	Procedure
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	CPT-4	Procedure
76802	Ultrasound, pregnant uterus, real time with image documentation, fetal and maternal evaluation, first trimester (< 14 weeks 0 days), transabdominal approach; each additional gestation	CPT-4	Procedure
76805	Complete Ultrasounds (Maternal and Fetal Evaluation); Second and Third Trimesters (Single or First Gestation)	CPT-4	Procedure
76810	Complete Ultrasounds (Maternal and Fetal Evaluation); Second and Third Trimesters (Each Additional Gestation)	CPT-4	Procedure
76811	Detailed fetal anatomic examination (single or first gestation)	CPT-4	Procedure
76812	Detailed fetal anatomic examination (Each additional Gestation)	CPT-4	Procedure
76813	Nuchal Translucency Measurement (Single or First Gestation)	CPT-4	Procedure
76814	Nuchal Translucency Measurement (Each Additional Gestation)	CPT-4	Procedure
81420	Fetal aneuploidy genomic sequence analysis, cell-free fetal DNA	CPT-4	Procedure
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	CPT-4	Procedure
82106	Alpha-fetoprotein, amniotic	CPT-4	Procedure
82677	Assay of estriol	CPT-4	Procedure
82950	Glucose; post glucose dose (includes glucose)	CPT-4	Procedure
82951	Glucose; tolerance test (GTT), 3 specimens (includes glucose)	CPT-4	Procedure
82952	Glucose tolerance test, additional beyond 3 specimens	CPT-4	Procedure
84163	PAPP-A serum test	CPT-4	Procedure
86336	Inhibin A	CPT-4	Procedure
87081	Group B streptococcus screening (genital)	CPT-4	Procedure

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Code	Description	Code Type	Code Category
S4011	IN VITRO FERTILIZATION;	HCPCS	Procedure
S4013	COMPLETE CYCLE GIFT CASE RATE	HCPCS	Procedure
S4014	COMPLETE CYCLE ZIFT CASE RATE	HCPCS	Procedure
S4015	COMPLETE IVF CYCLE CASE RATE NOS	HCPCS	Procedure
S4016	FROZEN IVF CYCLE CASE RATE	HCPCS	Procedure
S4035	STIMULATED INTRAUTERINE INSEMINATION (IUI), CASE RATE	HCPCS	Procedure
S4037	Cryopreserved embryo transfer, case rate	HCPCS	Procedure
Pregnancy Delivery			
O10.02	Pre-existing essential hypertension complicating childbirth	ICD-10-CM	Diagnosis
O10.12	Pre-existing hypertensive heart disease complicating childbirth	ICD-10-CM	Diagnosis
O10.22	Pre-existing hypertensive chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O10.32	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O10.42	Pre-existing secondary hypertension complicating childbirth	ICD-10-CM	Diagnosis
O10.92	Unspecified pre-existing hypertension complicating childbirth	ICD-10-CM	Diagnosis
O11.4	Pre-existing hypertension with pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O12.04	Gestational edema, complicating childbirth	ICD-10-CM	Diagnosis
O12.14	Gestational proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O12.24	Gestational edema with proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O13.4	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O14.04	Mild to moderate pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O14.14	Severe pre-eclampsia complicating childbirth	ICD-10-CM	Diagnosis
O14.24	HELLP syndrome, complicating childbirth	ICD-10-CM	Diagnosis
O14.94	Unspecified pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O16.4	Unspecified maternal hypertension, complicating childbirth	ICD-10-CM	Diagnosis
O24.02	Pre-existing type 1 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O24.12	Pre-existing type 2 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O24.32	Unspecified pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.420	Gestational diabetes mellitus in childbirth, diet controlled	ICD-10-CM	Diagnosis
O24.424	Gestational diabetes mellitus in childbirth, insulin controlled	ICD-10-CM	Diagnosis
O24.425	Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs	ICD-10-CM	Diagnosis
O24.429	Gestational diabetes mellitus in childbirth, unspecified control	ICD-10-CM	Diagnosis
O24.82	Other pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.92	Unspecified diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O25.2	Malnutrition in childbirth	ICD-10-CM	Diagnosis
O26.62	Liver and biliary tract disorders in childbirth	ICD-10-CM	Diagnosis
O26.72	Subluxation of symphysis (pubis) in childbirth	ICD-10-CM	Diagnosis
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	ICD-10-CM	Diagnosis
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	ICD-10-CM	Diagnosis
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	ICD-10-CM	Diagnosis
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	ICD-10-CM	Diagnosis
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	ICD-10-CM	Diagnosis
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	ICD-10-CM	Diagnosis
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	ICD-10-CM	Diagnosis
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	ICD-10-CM	Diagnosis
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	ICD-10-CM	Diagnosis
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	ICD-10-CM	Diagnosis
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	ICD-10-CM	Diagnosis
O60.23X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	ICD-10-CM	Diagnosis
O63.2	Delayed delivery of second twin, triplet, etc.	ICD-10-CM	Diagnosis
O67.0	Intrapartum hemorrhage with coagulation defect	ICD-10-CM	Diagnosis
O67.8	Other intrapartum hemorrhage	ICD-10-CM	Diagnosis
O67.9	Intrapartum hemorrhage, unspecified	ICD-10-CM	Diagnosis
O68	Labor and delivery complicated by abnormality of fetal acid-base balance	ICD-10-CM	Diagnosis
O69.0XX0	Labor and delivery complicated by prolapse of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.0XX1	Labor and delivery complicated by prolapse of cord, fetus 1	ICD-10-CM	Diagnosis
O69.0XX2	Labor and delivery complicated by prolapse of cord, fetus 2	ICD-10-CM	Diagnosis
O69.0XX3	Labor and delivery complicated by prolapse of cord, fetus 3	ICD-10-CM	Diagnosis
O69.0XX4	Labor and delivery complicated by prolapse of cord, fetus 4	ICD-10-CM	Diagnosis
O69.0XX5	Labor and delivery complicated by prolapse of cord, fetus 5	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O69.0XX9	Labor and delivery complicated by prolapse of cord, other fetus	ICD-10-CM	Diagnosis
O69.1XX0	Labor and delivery complicated by cord around neck, with compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.1XX1	Labor and delivery complicated by cord around neck, with compression, fetus 1	ICD-10-CM	Diagnosis
O69.1XX2	Labor and delivery complicated by cord around neck, with compression, fetus 2	ICD-10-CM	Diagnosis
O69.1XX3	Labor and delivery complicated by cord around neck, with compression, fetus 3	ICD-10-CM	Diagnosis
O69.1XX4	Labor and delivery complicated by cord around neck, with compression, fetus 4	ICD-10-CM	Diagnosis
O69.1XX5	Labor and delivery complicated by cord around neck, with compression, fetus 5	ICD-10-CM	Diagnosis
O69.1XX9	Labor and delivery complicated by cord around neck, with compression, other fetus	ICD-10-CM	Diagnosis
O69.2XX0	Labor and delivery complicated by other cord entanglement, with compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.2XX1	Labor and delivery complicated by other cord entanglement, with compression, fetus 1	ICD-10-CM	Diagnosis
O69.2XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	ICD-10-CM	Diagnosis
O69.2XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	ICD-10-CM	Diagnosis
O69.2XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	ICD-10-CM	Diagnosis
O69.2XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	ICD-10-CM	Diagnosis
O69.2XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	ICD-10-CM	Diagnosis
O69.3XX0	Labor and delivery complicated by short cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.3XX1	Labor and delivery complicated by short cord, fetus 1	ICD-10-CM	Diagnosis
O69.3XX2	Labor and delivery complicated by short cord, fetus 2	ICD-10-CM	Diagnosis
O69.3XX3	Labor and delivery complicated by short cord, fetus 3	ICD-10-CM	Diagnosis
O69.3XX4	Labor and delivery complicated by short cord, fetus 4	ICD-10-CM	Diagnosis
O69.3XX5	Labor and delivery complicated by short cord, fetus 5	ICD-10-CM	Diagnosis
O69.3XX9	Labor and delivery complicated by short cord, other fetus	ICD-10-CM	Diagnosis
O69.4XX0	Labor and delivery complicated by vasa previa, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.4XX1	Labor and delivery complicated by vasa previa, fetus 1	ICD-10-CM	Diagnosis
O69.4XX2	Labor and delivery complicated by vasa previa, fetus 2	ICD-10-CM	Diagnosis
O69.4XX3	Labor and delivery complicated by vasa previa, fetus 3	ICD-10-CM	Diagnosis
O69.4XX4	Labor and delivery complicated by vasa previa, fetus 4	ICD-10-CM	Diagnosis
O69.4XX5	Labor and delivery complicated by vasa previa, fetus 5	ICD-10-CM	Diagnosis
O69.4XX9	Labor and delivery complicated by vasa previa, other fetus	ICD-10-CM	Diagnosis
O69.5XX0	Labor and delivery complicated by vascular lesion of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.5XX1	Labor and delivery complicated by vascular lesion of cord, fetus 1	ICD-10-CM	Diagnosis
O69.5XX2	Labor and delivery complicated by vascular lesion of cord, fetus 2	ICD-10-CM	Diagnosis
O69.5XX3	Labor and delivery complicated by vascular lesion of cord, fetus 3	ICD-10-CM	Diagnosis
O69.5XX4	Labor and delivery complicated by vascular lesion of cord, fetus 4	ICD-10-CM	Diagnosis
O69.5XX5	Labor and delivery complicated by vascular lesion of cord, fetus 5	ICD-10-CM	Diagnosis
O69.5XX9	Labor and delivery complicated by vascular lesion of cord, other fetus	ICD-10-CM	Diagnosis
O69.81X0	Labor and delivery complicated by cord around neck, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.81X1	Labor and delivery complicated by cord around neck, without compression, fetus 1	ICD-10-CM	Diagnosis
O69.81X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O69.81X3	Labor and delivery complicated by cord around neck, without compression, fetus 3	ICD-10-CM	Diagnosis
O69.81X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	ICD-10-CM	Diagnosis
O69.81X5	Labor and delivery complicated by cord around neck, without compression, fetus 5	ICD-10-CM	Diagnosis
O69.81X9	Labor and delivery complicated by cord around neck, without compression, other fetus	ICD-10-CM	Diagnosis
O69.82X0	Labor and delivery complicated by other cord entanglement, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.82X1	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X2	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X3	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X4	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X5	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X9	Labor and delivery complicated by other cord entanglement, without compression, other fetus	ICD-10-CM	Diagnosis
O69.89X0	Labor and delivery complicated by other cord complications, not applicable or	ICD-10-CM	Diagnosis
O69.89X1	Labor and delivery complicated by other cord complications, fetus 1	ICD-10-CM	Diagnosis
O69.89X2	Labor and delivery complicated by other cord complications, fetus 2	ICD-10-CM	Diagnosis
O69.89X3	Labor and delivery complicated by other cord complications, fetus 3	ICD-10-CM	Diagnosis
O69.89X4	Labor and delivery complicated by other cord complications, fetus 4	ICD-10-CM	Diagnosis
O69.89X5	Labor and delivery complicated by other cord complications, fetus 5	ICD-10-CM	Diagnosis
O69.89X9	Labor and delivery complicated by other cord complications, other fetus	ICD-10-CM	Diagnosis
O69.9XX0	Labor and delivery complicated by cord complication, unspecified, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.9XX1	Labor and delivery complicated by cord complication, unspecified, fetus 1	ICD-10-CM	Diagnosis
O69.9XX2	Labor and delivery complicated by cord complication, unspecified, fetus 2	ICD-10-CM	Diagnosis
O69.9XX3	Labor and delivery complicated by cord complication, unspecified, fetus 3	ICD-10-CM	Diagnosis
O69.9XX4	Labor and delivery complicated by cord complication, unspecified, fetus 4	ICD-10-CM	Diagnosis
O69.9XX5	Labor and delivery complicated by cord complication, unspecified, fetus 5	ICD-10-CM	Diagnosis
O69.9XX9	Labor and delivery complicated by cord complication, unspecified, other fetus	ICD-10-CM	Diagnosis
O70.0	First degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O70.1	Second degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O70.20	Third degree perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O70.21	Third degree perineal laceration during delivery, IIIa	ICD-10-CM	Diagnosis
O70.22	Third degree perineal laceration during delivery, IIIb	ICD-10-CM	Diagnosis
O70.23	Third degree perineal laceration during delivery, IIIc	ICD-10-CM	Diagnosis
O70.3	Fourth degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O70.4	Anal sphincter tear complicating delivery, not associated with third degree laceration	ICD-10-CM	Diagnosis
O70.9	Perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O74.0	Aspiration pneumonitis due to anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.1	Other pulmonary complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.2	Cardiac complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.3	Central nervous system complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.4	Toxic reaction to local anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.5	Spinal and epidural anesthesia-induced headache during labor and delivery	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O74.6	Other complications of spinal and epidural anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.7	Failed or difficult intubation for anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.8	Other complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.9	Complication of anesthesia during labor and delivery, unspecified	ICD-10-CM	Diagnosis
O75.0	Maternal distress during labor and delivery	ICD-10-CM	Diagnosis
O75.1	Shock during or following labor and delivery	ICD-10-CM	Diagnosis
O75.5	Delayed delivery after artificial rupture of membranes	ICD-10-CM	Diagnosis
O75.81	Maternal exhaustion complicating labor and delivery	ICD-10-CM	Diagnosis
O75.82	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section	ICD-10-CM	Diagnosis
O75.89	Other specified complications of labor and delivery	ICD-10-CM	Diagnosis
O75.9	Complication of labor and delivery, unspecified	ICD-10-CM	Diagnosis
O76	Abnormality in fetal heart rate and rhythm complicating labor and delivery	ICD-10-CM	Diagnosis
O77.0	Labor and delivery complicated by meconium in amniotic fluid	ICD-10-CM	Diagnosis
O77.8	Labor and delivery complicated by other evidence of fetal stress	ICD-10-CM	Diagnosis
O77.9	Labor and delivery complicated by fetal stress, unspecified	ICD-10-CM	Diagnosis
O80	Encounter for full-term uncomplicated delivery	ICD-10-CM	Diagnosis
O82	Encounter for cesarean delivery without indication	ICD-10-CM	Diagnosis
O88.02	Air embolism in childbirth	ICD-10-CM	Diagnosis
O88.12	Amniotic fluid embolism in childbirth	ICD-10-CM	Diagnosis
O88.22	Thromboembolism in childbirth	ICD-10-CM	Diagnosis
O88.32	Pyemic and septic embolism in childbirth	ICD-10-CM	Diagnosis
O88.82	Other embolism in childbirth	ICD-10-CM	Diagnosis
O98.02	Tuberculosis complicating childbirth	ICD-10-CM	Diagnosis
O98.12	Syphilis complicating childbirth	ICD-10-CM	Diagnosis
O98.22	Gonorrhea complicating childbirth	ICD-10-CM	Diagnosis
O98.32	Other infections with a predominantly sexual mode of transmission complicating childbirth	ICD-10-CM	Diagnosis
O98.42	Viral hepatitis complicating childbirth	ICD-10-CM	Diagnosis
O98.52	Other viral diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.62	Protozoal diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.72	Human immunodeficiency virus [HIV] disease complicating childbirth	ICD-10-CM	Diagnosis
O98.82	Other maternal infectious and parasitic diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.92	Unspecified maternal infectious and parasitic disease complicating childbirth	ICD-10-CM	Diagnosis
O99.02	Anemia complicating childbirth	ICD-10-CM	Diagnosis
O99.12	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating childbirth	ICD-10-CM	Diagnosis
O99.214	Obesity complicating childbirth	ICD-10-CM	Diagnosis
O99.284	Endocrine, nutritional and metabolic diseases complicating childbirth	ICD-10-CM	Diagnosis
O99.314	Alcohol use complicating childbirth	ICD-10-CM	Diagnosis
O99.324	Drug use complicating childbirth	ICD-10-CM	Diagnosis
O99.334	Smoking (tobacco) complicating childbirth	ICD-10-CM	Diagnosis
O99.344	Other mental disorders complicating childbirth	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O99.354	Diseases of the nervous system complicating childbirth	ICD-10-CM	Diagnosis
O99.42	Diseases of the circulatory system complicating childbirth	ICD-10-CM	Diagnosis
O99.52	Diseases of the respiratory system complicating childbirth	ICD-10-CM	Diagnosis
O99.62	Diseases of the digestive system complicating childbirth	ICD-10-CM	Diagnosis
O99.72	Diseases of the skin and subcutaneous tissue complicating childbirth	ICD-10-CM	Diagnosis
O99.814	Abnormal glucose complicating childbirth	ICD-10-CM	Diagnosis
O99.824	Streptococcus B carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99.834	Other infection carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99.844	Bariatric surgery status complicating childbirth	ICD-10-CM	Diagnosis
O9A.12	Malignant neoplasm complicating childbirth	ICD-10-CM	Diagnosis
O9A.22	Injury, poisoning and certain other consequences of external causes complicating childbirth	ICD-10-CM	Diagnosis
O9A.32	Physical abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A.42	Sexual abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A.52	Psychological abuse complicating childbirth	ICD-10-CM	Diagnosis
P03.0	Newborn affected by breech delivery and extraction	ICD-10-CM	Diagnosis
P03.2	Newborn affected by forceps delivery	ICD-10-CM	Diagnosis
P03.3	Newborn affected by delivery by vacuum extractor [ventouse]	ICD-10-CM	Diagnosis
P03.4	Newborn affected by Cesarean delivery	ICD-10-CM	Diagnosis
P03.5	Newborn affected by precipitate delivery	ICD-10-CM	Diagnosis
P07.00	Extremely low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.01	Extremely low birth weight newborn, less than 500 grams	ICD-10-CM	Diagnosis
P07.02	Extremely low birth weight newborn, 500-749 grams	ICD-10-CM	Diagnosis
P07.03	Extremely low birth weight newborn, 750-999 grams	ICD-10-CM	Diagnosis
P07.10	Other low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.14	Other low birth weight newborn, 1000-1249 grams	ICD-10-CM	Diagnosis
P07.15	Other low birth weight newborn, 1250-1499 grams	ICD-10-CM	Diagnosis
P07.16	Other low birth weight newborn, 1500-1749 grams	ICD-10-CM	Diagnosis
P07.17	Other low birth weight newborn, 1750-1999 grams	ICD-10-CM	Diagnosis
P07.18	Other low birth weight newborn, 2000-2499 grams	ICD-10-CM	Diagnosis
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	ICD-10-CM	Diagnosis
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	ICD-10-CM	Diagnosis
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	ICD-10-CM	Diagnosis
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	ICD-10-CM	Diagnosis
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	ICD-10-CM	Diagnosis
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	ICD-10-CM	Diagnosis
P07.30	Preterm newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P07.31	Preterm newborn, gestational age 28 completed weeks	ICD-10-CM	Diagnosis
P07.32	Preterm newborn, gestational age 29 completed weeks	ICD-10-CM	Diagnosis
P07.33	Preterm newborn, gestational age 30 completed weeks	ICD-10-CM	Diagnosis
P07.34	Preterm newborn, gestational age 31 completed weeks	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
P07.35	Preterm newborn, gestational age 32 completed weeks	ICD-10-CM	Diagnosis
P07.36	Preterm newborn, gestational age 33 completed weeks	ICD-10-CM	Diagnosis
P07.37	Preterm newborn, gestational age 34 completed weeks	ICD-10-CM	Diagnosis
P07.38	Preterm newborn, gestational age 35 completed weeks	ICD-10-CM	Diagnosis
P07.39	Preterm newborn, gestational age 36 completed weeks	ICD-10-CM	Diagnosis
P08.21	Post-term newborn	ICD-10-CM	Diagnosis
P08.22	Prolonged gestation of newborn	ICD-10-CM	Diagnosis
Z37.0	Single live birth	ICD-10-CM	Diagnosis
Z37.2	Twins, both liveborn	ICD-10-CM	Diagnosis
Z37.50	Multiple births, unspecified, all liveborn	ICD-10-CM	Diagnosis
Z37.51	Triplets, all liveborn	ICD-10-CM	Diagnosis
Z37.52	Quadruplets, all liveborn	ICD-10-CM	Diagnosis
Z37.53	Quintuplets, all liveborn	ICD-10-CM	Diagnosis
Z37.54	Sextuplets, all liveborn	ICD-10-CM	Diagnosis
Z37.59	Other multiple births, all liveborn	ICD-10-CM	Diagnosis
Z37.9	Outcome of delivery, unspecified	ICD-10-CM	Diagnosis
Z38.00	Single liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.01	Single liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.1	Single liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z38.2	Single liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z38.30	Twin liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.31	Twin liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.4	Twin liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z38.5	Twin liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z38.61	Triplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.62	Triplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.63	Quadruplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.64	Quadruplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.65	Quintuplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.66	Quintuplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.68	Other multiple liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.69	Other multiple liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.7	Other multiple liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z38.8	Other multiple liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
59400	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care	CPT-4	Procedure
59409	Vaginal delivery only (with or without episiotomy and/or forceps);	CPT-4	Procedure
59410	Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59510	Routine obstetric care including antepartum care, cesarean delivery, and postpartum	CPT-4	Procedure
59514	Cesarean delivery only;	CPT-4	Procedure
59515	Cesarean delivery only; including postpartum care	CPT-4	Procedure

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Code	Description	Code Type	Code Category
59610	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery	CPT-4	Procedure
59612	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps);	CPT-4	Procedure
59614	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59618	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery	CPT-4	Procedure
59620	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery;	CPT-4	Procedure
59622	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care	CPT-4	Procedure
0W8NXZZ	Division of Female Perineum, External Approach	ICD-10-PCS	Procedure
10900ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Open Approach	ICD-10-PCS	Procedure
10903ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Approach	ICD-10-PCS	Procedure
10904ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
10907ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10908ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
10D00Z0	Extraction of Products of Conception, High, Open Approach	ICD-10-PCS	Procedure
10D00Z1	Extraction of Products of Conception, Low, Open Approach	ICD-10-PCS	Procedure
10D00Z2	Extraction of Products of Conception, Extraperitoneal, Open Approach	ICD-10-PCS	Procedure
10D07Z3	Extraction of Products of Conception, Low Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z4	Extraction of Products of Conception, Mid Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z5	Extraction of Products of Conception, High Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z6	Extraction of Products of Conception, Vacuum, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z7	Extraction of Products of Conception, Internal Version, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z8	Extraction of Products of Conception, Other, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10E0XZZ	Delivery of Products of Conception, External Approach	ICD-10-PCS	Procedure
10S07ZZ	Reposition Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
Pregnancy Delivery			
000	Ectopic pregnancy	ICD-10-CM	Diagnosis
000.0	Abdominal pregnancy	ICD-10-CM	Diagnosis
000.00	Abdominal pregnancy without intrauterine pregnancy	ICD-10-CM	Diagnosis
000.01	Abdominal pregnancy with intrauterine pregnancy	ICD-10-CM	Diagnosis
000.1	Tubal pregnancy	ICD-10-CM	Diagnosis
000.10	Tubal pregnancy without intrauterine pregnancy	ICD-10-CM	Diagnosis
000.101	Right tubal pregnancy without intrauterine pregnancy	ICD-10-CM	Diagnosis
000.102	Left tubal pregnancy without intrauterine pregnancy	ICD-10-CM	Diagnosis
000.109	Unspecified tubal pregnancy without intrauterine pregnancy	ICD-10-CM	Diagnosis
000.11	Tubal pregnancy with intrauterine pregnancy	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
000.111	Right tubal pregnancy with intrauterine pregnancy	ICD-10-CM	Diagnosis
000.112	Left tubal pregnancy with intrauterine pregnancy	ICD-10-CM	Diagnosis
000.119	Unspecified tubal pregnancy with intrauterine pregnancy	ICD-10-CM	Diagnosis
000.2	Ovarian pregnancy	ICD-10-CM	Diagnosis
000.20	Ovarian pregnancy without intrauterine pregnancy	ICD-10-CM	Diagnosis
000.201	Right ovarian pregnancy without intrauterine pregnancy	ICD-10-CM	Diagnosis
000.202	Left ovarian pregnancy without intrauterine pregnancy	ICD-10-CM	Diagnosis
000.209	Unspecified ovarian pregnancy without intrauterine pregnancy	ICD-10-CM	Diagnosis
000.21	Ovarian pregnancy with intrauterine pregnancy	ICD-10-CM	Diagnosis
000.211	Right ovarian pregnancy with intrauterine pregnancy	ICD-10-CM	Diagnosis
000.212	Left ovarian pregnancy with intrauterine pregnancy	ICD-10-CM	Diagnosis
000.219	Unspecified ovarian pregnancy with intrauterine pregnancy	ICD-10-CM	Diagnosis
000.8	Other ectopic pregnancy	ICD-10-CM	Diagnosis
000.80	Other ectopic pregnancy without intrauterine pregnancy	ICD-10-CM	Diagnosis
000.81	Other ectopic pregnancy with intrauterine pregnancy	ICD-10-CM	Diagnosis
000.9	Ectopic pregnancy, unspecified	ICD-10-CM	Diagnosis
000.90	Unspecified ectopic pregnancy without intrauterine pregnancy	ICD-10-CM	Diagnosis
000.91	Unspecified ectopic pregnancy with intrauterine pregnancy	ICD-10-CM	Diagnosis
001	Hydatidiform mole	ICD-10-CM	Diagnosis
001.0	Classical hydatidiform mole	ICD-10-CM	Diagnosis
001.1	Incomplete and partial hydatidiform mole	ICD-10-CM	Diagnosis
001.9	Hydatidiform mole, unspecified	ICD-10-CM	Diagnosis
002.0	Blighted ovum and nonhydatidiform mole	ICD-10-CM	Diagnosis
002.1	Missed abortion	ICD-10-CM	Diagnosis
002.89	Other abnormal products of conception	ICD-10-CM	Diagnosis
002.9	Abnormal product of conception, unspecified	ICD-10-CM	Diagnosis
003	Spontaneous abortion	ICD-10-CM	Diagnosis
003.0	Genital tract and pelvic infection following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.1	Delayed or excessive hemorrhage following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.2	Embolism following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.30	Unspecified complication following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.31	Shock following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.32	Renal failure following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.33	Metabolic disorder following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.34	Damage to pelvic organs following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.35	Other venous complications following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.36	Cardiac arrest following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.37	Sepsis following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.38	Urinary tract infection following incomplete spontaneous abortion	ICD-10-CM	Diagnosis
003.39	Incomplete spontaneous abortion with other complications	ICD-10-CM	Diagnosis
003.4	Incomplete spontaneous abortion without complication	ICD-10-CM	Diagnosis
003.5	Genital tract and pelvic infection following complete or unspecified spontaneous	ICD-10-CM	Diagnosis
003.6	Delayed or excessive hemorrhage following complete or unspecified spontaneous	ICD-10-CM	Diagnosis
003.7	Embolism following complete or unspecified spontaneous abortion	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
003.80	Unspecified complication following complete or unspecified spontaneous abortion	ICD-10-CM	Diagnosis
003.81	Shock following complete or unspecified spontaneous abortion	ICD-10-CM	Diagnosis
003.82	Renal failure following complete or unspecified spontaneous abortion	ICD-10-CM	Diagnosis
003.83	Metabolic disorder following complete or unspecified spontaneous abortion	ICD-10-CM	Diagnosis
003.84	Damage to pelvic organs following complete or unspecified spontaneous abortion	ICD-10-CM	Diagnosis
003.85	Other venous complications following complete or unspecified spontaneous abortion	ICD-10-CM	Diagnosis
003.86	Cardiac arrest following complete or unspecified spontaneous abortion	ICD-10-CM	Diagnosis
003.87	Sepsis following complete or unspecified spontaneous abortion	ICD-10-CM	Diagnosis
003.88	Urinary tract infection following complete or unspecified spontaneous abortion	ICD-10-CM	Diagnosis
003.89	Complete or unspecified spontaneous abortion with other complications	ICD-10-CM	Diagnosis
003.9	Complete or unspecified spontaneous abortion without complication	ICD-10-CM	Diagnosis
004	Complications following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.5	Genital tract and pelvic infection following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.6	Delayed or excessive hemorrhage following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.7	Embolism following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.8	(Induced) termination of pregnancy with other and unspecified complications	ICD-10-CM	Diagnosis
004.80	(Induced) termination of pregnancy with unspecified complications	ICD-10-CM	Diagnosis
004.81	Shock following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.82	Renal failure following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.83	Metabolic disorder following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.84	Damage to pelvic organs following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.85	Other venous complications following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.86	Cardiac arrest following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.87	Sepsis following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.88	Urinary tract infection following (induced) termination of pregnancy	ICD-10-CM	Diagnosis
004.89	(Induced) termination of pregnancy with other complications	ICD-10-CM	Diagnosis
008.0	Genital tract and pelvic infection following ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.1	Delayed or excessive hemorrhage following ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.2	Embolism following ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.3	Shock following ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.4	Renal failure following ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.5	Metabolic disorders following an ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.6	Damage to pelvic organs and tissues following an ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.7	Other venous complications following an ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.81	Cardiac arrest following an ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.82	Sepsis following ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.83	Urinary tract infection following an ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.89	Other complications following an ectopic and molar pregnancy	ICD-10-CM	Diagnosis
008.9	Unspecified complication following an ectopic and molar pregnancy	ICD-10-CM	Diagnosis
031.00X0	Papyraceous fetus, unspecified trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
031.00X1	Papyraceous fetus, unspecified trimester, fetus 1	ICD-10-CM	Diagnosis
031.00X2	Papyraceous fetus, unspecified trimester, fetus 2	ICD-10-CM	Diagnosis
031.00X3	Papyraceous fetus, unspecified trimester, fetus 3	ICD-10-CM	Diagnosis
031.00X4	Papyraceous fetus, unspecified trimester, fetus 4	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O31.00X5	Papyraceous fetus, unspecified trimester, fetus 5	ICD-10-CM	Diagnosis
O31.00X9	Papyraceous fetus, unspecified trimester, other fetus	ICD-10-CM	Diagnosis
O31.02X0	Papyraceous fetus, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.02X1	Papyraceous fetus, second trimester, fetus 1	ICD-10-CM	Diagnosis
O31.02X2	Papyraceous fetus, second trimester, fetus 2	ICD-10-CM	Diagnosis
O31.02X3	Papyraceous fetus, second trimester, fetus 3	ICD-10-CM	Diagnosis
O31.02X4	Papyraceous fetus, second trimester, fetus 4	ICD-10-CM	Diagnosis
O31.02X5	Papyraceous fetus, second trimester, fetus 5	ICD-10-CM	Diagnosis
O31.02X9	Papyraceous fetus, second trimester, other fetus	ICD-10-CM	Diagnosis
O31.03X0	Papyraceous fetus, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.03X1	Papyraceous fetus, third trimester, fetus 1	ICD-10-CM	Diagnosis
O31.03X2	Papyraceous fetus, third trimester, fetus 2	ICD-10-CM	Diagnosis
O31.03X3	Papyraceous fetus, third trimester, fetus 3	ICD-10-CM	Diagnosis
O31.03X4	Papyraceous fetus, third trimester, fetus 4	ICD-10-CM	Diagnosis
O31.03X5	Papyraceous fetus, third trimester, fetus 5	ICD-10-CM	Diagnosis
O31.03X9	Papyraceous fetus, third trimester, other fetus	ICD-10-CM	Diagnosis
O31.10X0	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.10X1	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 1	ICD-10-CM	Diagnosis
O31.10X2	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 2	ICD-10-CM	Diagnosis
O31.10X3	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 3	ICD-10-CM	Diagnosis
O31.10X4	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 4	ICD-10-CM	Diagnosis
O31.10X5	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 5	ICD-10-CM	Diagnosis
O31.10X9	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, other fetus	ICD-10-CM	Diagnosis
O31.11X0	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.11X1	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 1	ICD-10-CM	Diagnosis
O31.11X2	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 2	ICD-10-CM	Diagnosis
O31.11X3	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 3	ICD-10-CM	Diagnosis
O31.11X4	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 4	ICD-10-CM	Diagnosis
O31.11X5	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 5	ICD-10-CM	Diagnosis
O31.11X9	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, other fetus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O31.12X0	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.12X1	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 1	ICD-10-CM	Diagnosis
O31.12X2	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 2	ICD-10-CM	Diagnosis
O31.12X3	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 3	ICD-10-CM	Diagnosis
O31.12X4	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 4	ICD-10-CM	Diagnosis
O31.12X5	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 5	ICD-10-CM	Diagnosis
O31.12X9	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, other fetus	ICD-10-CM	Diagnosis
O31.13X0	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.13X1	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 1	ICD-10-CM	Diagnosis
O31.13X2	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 2	ICD-10-CM	Diagnosis
O31.13X3	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 3	ICD-10-CM	Diagnosis
O31.13X4	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 4	ICD-10-CM	Diagnosis
O31.13X5	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 5	ICD-10-CM	Diagnosis
O31.13X9	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, other fetus	ICD-10-CM	Diagnosis
O31.2	Continuing pregnancy after intrauterine death of one fetus or more	ICD-10-CM	Diagnosis
O31.20X0	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.20X1	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 1	ICD-10-CM	Diagnosis
O31.20X2	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 2	ICD-10-CM	Diagnosis
O31.20X3	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 3	ICD-10-CM	Diagnosis
O31.20X4	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 4	ICD-10-CM	Diagnosis
O31.20X5	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 5	ICD-10-CM	Diagnosis
O31.20X9	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, other fetus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O31.22X0	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O31.22X1	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 1	ICD-10-CM	Diagnosis
O31.22X2	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 2	ICD-10-CM	Diagnosis
O31.22X3	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 3	ICD-10-CM	Diagnosis
O31.22X4	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 4	ICD-10-CM	Diagnosis
O31.22X5	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 5	ICD-10-CM	Diagnosis
O31.22X9	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, other fetus	ICD-10-CM	Diagnosis
O31.23X1	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 1	ICD-10-CM	Diagnosis
O31.23X2	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 2	ICD-10-CM	Diagnosis
O31.23X3	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 3	ICD-10-CM	Diagnosis
O31.23X4	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 4	ICD-10-CM	Diagnosis
O31.23X5	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 5	ICD-10-CM	Diagnosis
O36.4	Maternal care for intrauterine death	ICD-10-CM	Diagnosis
O36.4XX0	Maternal care for intrauterine death, not applicable or unspecified	ICD-10-CM	Diagnosis
O36.4XX1	Maternal care for intrauterine death, fetus 1	ICD-10-CM	Diagnosis
O36.4XX2	Maternal care for intrauterine death, fetus 2	ICD-10-CM	Diagnosis
O36.4XX3	Maternal care for intrauterine death, fetus 3	ICD-10-CM	Diagnosis
O36.4XX4	Maternal care for intrauterine death, fetus 4	ICD-10-CM	Diagnosis
O36.4XX5	Maternal care for intrauterine death, fetus 5	ICD-10-CM	Diagnosis
O36.4XX9	Maternal care for intrauterine death, other fetus	ICD-10-CM	Diagnosis
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	ICD-10-CM	Diagnosis
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	ICD-10-CM	Diagnosis
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	ICD-10-CM	Diagnosis
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	ICD-10-CM	Diagnosis
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	ICD-10-CM	Diagnosis
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	ICD-10-CM	Diagnosis
O60.20X0	Term delivery with preterm labor, unspecified trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.20X1	Term delivery with preterm labor, unspecified trimester, fetus 1	ICD-10-CM	Diagnosis
O60.20X2	Term delivery with preterm labor, unspecified trimester, fetus 2	ICD-10-CM	Diagnosis
O60.20X3	Term delivery with preterm labor, unspecified trimester, fetus 3	ICD-10-CM	Diagnosis
O60.20X4	Term delivery with preterm labor, unspecified trimester, fetus 4	ICD-10-CM	Diagnosis
O60.20X5	Term delivery with preterm labor, unspecified trimester, fetus 5	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O60.20X9	Term delivery with preterm labor, unspecified trimester, other fetus	ICD-10-CM	Diagnosis
P95	Stillbirth	ICD-10-CM	Diagnosis
Z33.2	Encounter for elective termination of pregnancy	ICD-10-CM	Diagnosis
Z37.1	Single stillbirth	ICD-10-CM	Diagnosis
Z37.3	Twins, one liveborn and one stillborn	ICD-10-CM	Diagnosis
Z37.4	Twins, both stillborn	ICD-10-CM	Diagnosis
Z37.60	Multiple births, unspecified, some liveborn	ICD-10-CM	Diagnosis
Z37.61	Triplets, some liveborn	ICD-10-CM	Diagnosis
Z37.62	Quadruplets, some liveborn	ICD-10-CM	Diagnosis
Z37.63	Quintuplets, some liveborn	ICD-10-CM	Diagnosis
Z37.64	Sextuplets, some liveborn	ICD-10-CM	Diagnosis
Z37.69	Other multiple births, some liveborn	ICD-10-CM	Diagnosis
Z37.7	Other multiple births, all stillborn	ICD-10-CM	Diagnosis
88016	Necropsy (autopsy), gross examination only; macerated stillborn	CPT-4	Procedure
01965	Anesthesia for incomplete or missed abortion procedures	CPT-4	Procedure
59812	Treatment of incomplete abortion, any trimester, completed surgically	CPT-4	Procedure
59820	Treatment of incomplete abortion completed surgically, first trimester	CPT-4	Procedure
59821	Treatment of incomplete abortion completed surgically, second trimester	CPT-4	Procedure
59830	Treatment of septic abortion, completed surgically	CPT-4	Procedure
01964	ANESTHESIA FOR ABORTION PROCEDURES	CPT-4	Procedure
01966	Anesthesia for induced abortion procedures	CPT-4	Procedure
59840	INDUCED ABORTION, BY DILATION AND CURETTAGE	CPT-4	Procedure
59841	INDUCED ABORTION, BY DILATION AND EVACUATION	CPT-4	Procedure
59850	INDUCED ABORTION, BY ONE OR MORE INTRAAMNIOTIC INJECTIONS	CPT-4	Procedure
59851	INDUCED ABORTION, BY ONE OR MORE INTRAAMNIOTIC INJECTIONS, WITH DILATION AND CURETTAGE AND/OR EVACUATION	CPT-4	Procedure
59852	INDUCED ABORTION, BY ONE OR MORE INTRAAMNIOTIC INJECTIONS, WITH	CPT-4	Procedure
59855	INDUCED ABORTION, BY ONE OR MORE VAGINAL SUPPOSITORIES	CPT-4	Procedure
59856	INDUCED ABORTION, BY ONE OR MORE VAGINAL SUPPOSITORIES, WITH DILATION AND CURETTAGE AND/OR EVACUATION	CPT-4	Procedure
59857	INDUCED ABORTION, BY ONE OR MORE VAGINAL SUPPOSITORIES, WITH HYSTEROTOMY	CPT-4	Procedure
S0190	Mifepristone, oral, 200 mg	HCPCS	Procedure
S0191	Misoprostol, oral, 200 mcg	HCPCS	Procedure
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	HCPCS	Procedure
S2260	Induced abortion, 17 to 24 weeks	HCPCS	Procedure
S2265	Induced abortion, 25 to 28 weeks	HCPCS	Procedure
S2266	Induced abortion, 29 to 31 weeks	HCPCS	Procedure
S2267	Induced abortion, 32 weeks or greater	HCPCS	Procedure
S2262	Abortion for maternal indication, 25 weeks or greater	HCPCS	Procedure
59100	Surgical treatment of ectopic pregnancy: tubal or ovarian, requiring salpingectomy and/or oophorectomy, abdominal or vaginal approach	CPT-4	Procedure

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Code	Description	Code Type	Code Category
59120	Surgical treatment of ectopic pregnancy; tubal or ovarian, requiring salpingectomy and/or oophorectomy, abdominal or vaginal approach	CPT-4	Procedure
59121	Surgical treatment of ectopic pregnancy; tubal or ovarian, without salpingectomy and/or oophorectomy	CPT-4	Procedure
59125	Surgical Treatment Of Ectopic Pregnancy	CPT-4	Procedure
59126	Surgical Treatment Of Ectopic Pregnancy	CPT-4	Procedure
59130	Surgical treatment of ectopic pregnancy; abdominal pregnancy	CPT-4	Procedure
59135	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy requiring total hysterectomy	CPT-4	Procedure
59136	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy with partial resection of uterus	CPT-4	Procedure
59140	Surgical treatment of ectopic pregnancy; cervical, with evacuation	CPT-4	Procedure
59150	Laparoscopic treatment of ectopic pregnancy; without salpingectomy and/or oophorectomy	CPT-4	Procedure
59151	Laparoscopic treatment of ectopic pregnancy; with salpingectomy and/or oophorectomy	CPT-4	Procedure
59870	Evacuation and curettage of uterus for hydatidiform mole	CPT-4	Procedure
66.02	Salpingostomy	ICD-9-CM	Procedure
66.62	Salpingectomy with removal of tubal pregnancy	ICD-9-CM	Procedure
69.01	Dilation and curettage for termination of pregnancy	ICD-9-CM	Procedure
69.51	Aspiration curettage of uterus for termination of pregnancy	ICD-9-CM	Procedure
69.93	Insertion of laminaria	ICD-9-CM	Procedure
72.79	Other vacuum extraction	ICD-9-CM	Procedure
73.8	Operations on fetus to facilitate delivery	ICD-9-CM	Procedure
74.3	Removal of extratubal ectopic pregnancy	ICD-9-CM	Procedure
74.91	Hysterotomy to terminate pregnancy	ICD-9-CM	Procedure
75.0	Intra-amniotic injection for abortion	ICD-9-CM	Procedure
96.49	Other genitourinary instillation	ICD-9-CM	Procedure
10A00ZZ	Abortion of Products of Conception, Open Approach	ICD-10-PCS	Procedure
10A03ZZ	Abortion of Products of Conception, Percutaneous Approach	ICD-10-PCS	Procedure
10A04ZZ	Abortion of Products of Conception, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
10A07Z6	Abortion of Products of Conception, Vacuum, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10A07ZW	Abortion of Products of Conception, Laminaria, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10A07ZX	Abortion of Products of Conception, Abortifacient, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10A07ZZ	Abortion of Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10A08ZZ	Abortion of Products of Conception, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
10D27ZZ	Extraction of Products of Conception, Ectopic, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D28ZZ	Extraction of Products of Conception, Ectopic, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10T20ZZ	Resection of Products of Conception, Ectopic, Open Approach	ICD-10-PCS	Procedure
10T23ZZ	Resection of Products of Conception, Ectopic, Percutaneous Approach	ICD-10-PCS	Procedure
10T24ZZ	Resection of Products of Conception, Ectopic, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
10T27ZZ	Resection of Products of Conception, Ectopic, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10T28ZZ	Resection of Products of Conception, Ectopic, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
Inpatient Pregnancy Delivery			
O10.02	Pre-existing essential hypertension complicating childbirth	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O10.12	Pre-existing hypertensive heart disease complicating childbirth	ICD-10-CM	Diagnosis
O10.22	Pre-existing hypertensive chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O10.32	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O10.42	Pre-existing secondary hypertension complicating childbirth	ICD-10-CM	Diagnosis
O10.92	Unspecified pre-existing hypertension complicating childbirth	ICD-10-CM	Diagnosis
O11.4	Pre-existing hypertension with pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O12.04	Gestational edema, complicating childbirth	ICD-10-CM	Diagnosis
O12.14	Gestational proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O12.24	Gestational edema with proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O13.4	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O14.04	Mild to moderate pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O14.14	Severe pre-eclampsia complicating childbirth	ICD-10-CM	Diagnosis
O14.24	HELLP syndrome, complicating childbirth	ICD-10-CM	Diagnosis
O14.94	Unspecified pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O16.4	Unspecified maternal hypertension, complicating childbirth	ICD-10-CM	Diagnosis
O24.02	Pre-existing type 1 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O24.12	Pre-existing type 2 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O24.32	Unspecified pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.420	Gestational diabetes mellitus in childbirth, diet controlled	ICD-10-CM	Diagnosis
O24.424	Gestational diabetes mellitus in childbirth, insulin controlled	ICD-10-CM	Diagnosis
O24.425	Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs	ICD-10-CM	Diagnosis
O24.429	Gestational diabetes mellitus in childbirth, unspecified control	ICD-10-CM	Diagnosis
O24.82	Other pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.92	Unspecified diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O25.2	Malnutrition in childbirth	ICD-10-CM	Diagnosis
O26.62	Liver and biliary tract disorders in childbirth	ICD-10-CM	Diagnosis
O26.72	Subluxation of symphysis (pubis) in childbirth	ICD-10-CM	Diagnosis
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	ICD-10-CM	Diagnosis
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	ICD-10-CM	Diagnosis
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	ICD-10-CM	Diagnosis
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	ICD-10-CM	Diagnosis
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	ICD-10-CM	Diagnosis
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	ICD-10-CM	Diagnosis
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	ICD-10-CM	Diagnosis
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	ICD-10-CM	Diagnosis
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	ICD-10-CM	Diagnosis
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	ICD-10-CM	Diagnosis
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	ICD-10-CM	Diagnosis
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	ICD-10-CM	Diagnosis
O60.23X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	ICD-10-CM	Diagnosis
O63.2	Delayed delivery of second twin, triplet, etc.	ICD-10-CM	Diagnosis
O67.0	Intrapartum hemorrhage with coagulation defect	ICD-10-CM	Diagnosis
O67.8	Other intrapartum hemorrhage	ICD-10-CM	Diagnosis
O67.9	Intrapartum hemorrhage, unspecified	ICD-10-CM	Diagnosis
O68	Labor and delivery complicated by abnormality of fetal acid-base balance	ICD-10-CM	Diagnosis
O69.0XX0	Labor and delivery complicated by prolapse of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.0XX1	Labor and delivery complicated by prolapse of cord, fetus 1	ICD-10-CM	Diagnosis
O69.0XX2	Labor and delivery complicated by prolapse of cord, fetus 2	ICD-10-CM	Diagnosis
O69.0XX3	Labor and delivery complicated by prolapse of cord, fetus 3	ICD-10-CM	Diagnosis
O69.0XX4	Labor and delivery complicated by prolapse of cord, fetus 4	ICD-10-CM	Diagnosis
O69.0XX5	Labor and delivery complicated by prolapse of cord, fetus 5	ICD-10-CM	Diagnosis
O69.0XX9	Labor and delivery complicated by prolapse of cord, other fetus	ICD-10-CM	Diagnosis
O69.1XX0	Labor and delivery complicated by cord around neck, with compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.1XX1	Labor and delivery complicated by cord around neck, with compression, fetus 1	ICD-10-CM	Diagnosis
O69.1XX2	Labor and delivery complicated by cord around neck, with compression, fetus 2	ICD-10-CM	Diagnosis
O69.1XX3	Labor and delivery complicated by cord around neck, with compression, fetus 3	ICD-10-CM	Diagnosis
O69.1XX4	Labor and delivery complicated by cord around neck, with compression, fetus 4	ICD-10-CM	Diagnosis
O69.1XX5	Labor and delivery complicated by cord around neck, with compression, fetus 5	ICD-10-CM	Diagnosis
O69.1XX9	Labor and delivery complicated by cord around neck, with compression, other fetus	ICD-10-CM	Diagnosis
O69.2XX0	Labor and delivery complicated by other cord entanglement, with compression, not applicable or unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O69.2XX1	Labor and delivery complicated by other cord entanglement, with compression, fetus 1	ICD-10-CM	Diagnosis
O69.2XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	ICD-10-CM	Diagnosis
O69.2XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	ICD-10-CM	Diagnosis
O69.2XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	ICD-10-CM	Diagnosis
O69.2XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	ICD-10-CM	Diagnosis
O69.2XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	ICD-10-CM	Diagnosis
O69.3XX0	Labor and delivery complicated by short cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.3XX1	Labor and delivery complicated by short cord, fetus 1	ICD-10-CM	Diagnosis
O69.3XX2	Labor and delivery complicated by short cord, fetus 2	ICD-10-CM	Diagnosis
O69.3XX3	Labor and delivery complicated by short cord, fetus 3	ICD-10-CM	Diagnosis
O69.3XX4	Labor and delivery complicated by short cord, fetus 4	ICD-10-CM	Diagnosis
O69.3XX5	Labor and delivery complicated by short cord, fetus 5	ICD-10-CM	Diagnosis
O69.3XX9	Labor and delivery complicated by short cord, other fetus	ICD-10-CM	Diagnosis
O69.4XX0	Labor and delivery complicated by vasa previa, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.4XX1	Labor and delivery complicated by vasa previa, fetus 1	ICD-10-CM	Diagnosis
O69.4XX2	Labor and delivery complicated by vasa previa, fetus 2	ICD-10-CM	Diagnosis
O69.4XX3	Labor and delivery complicated by vasa previa, fetus 3	ICD-10-CM	Diagnosis
O69.4XX4	Labor and delivery complicated by vasa previa, fetus 4	ICD-10-CM	Diagnosis
O69.4XX5	Labor and delivery complicated by vasa previa, fetus 5	ICD-10-CM	Diagnosis
O69.4XX9	Labor and delivery complicated by vasa previa, other fetus	ICD-10-CM	Diagnosis
O69.5XX0	Labor and delivery complicated by vascular lesion of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.5XX1	Labor and delivery complicated by vascular lesion of cord, fetus 1	ICD-10-CM	Diagnosis
O69.5XX2	Labor and delivery complicated by vascular lesion of cord, fetus 2	ICD-10-CM	Diagnosis
O69.5XX3	Labor and delivery complicated by vascular lesion of cord, fetus 3	ICD-10-CM	Diagnosis
O69.5XX4	Labor and delivery complicated by vascular lesion of cord, fetus 4	ICD-10-CM	Diagnosis
O69.5XX5	Labor and delivery complicated by vascular lesion of cord, fetus 5	ICD-10-CM	Diagnosis
O69.5XX9	Labor and delivery complicated by vascular lesion of cord, other fetus	ICD-10-CM	Diagnosis
O69.81X0	Labor and delivery complicated by cord around neck, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.81X1	Labor and delivery complicated by cord around neck, without compression, fetus 1	ICD-10-CM	Diagnosis
O69.81X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	ICD-10-CM	Diagnosis
O69.81X3	Labor and delivery complicated by cord around neck, without compression, fetus 3	ICD-10-CM	Diagnosis
O69.81X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	ICD-10-CM	Diagnosis
O69.81X5	Labor and delivery complicated by cord around neck, without compression, fetus 5	ICD-10-CM	Diagnosis
O69.81X9	Labor and delivery complicated by cord around neck, without compression, other fetus	ICD-10-CM	Diagnosis
O69.82X0	Labor and delivery complicated by other cord entanglement, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.82X1	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X2	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X3	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X4	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X5	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O69.82X9	Labor and delivery complicated by other cord entanglement, without compression, other fetus	ICD-10-CM	Diagnosis
O69.89X0	Labor and delivery complicated by other cord complications, not applicable or	ICD-10-CM	Diagnosis
O69.89X1	Labor and delivery complicated by other cord complications, fetus 1	ICD-10-CM	Diagnosis
O69.89X2	Labor and delivery complicated by other cord complications, fetus 2	ICD-10-CM	Diagnosis
O69.89X3	Labor and delivery complicated by other cord complications, fetus 3	ICD-10-CM	Diagnosis
O69.89X4	Labor and delivery complicated by other cord complications, fetus 4	ICD-10-CM	Diagnosis
O69.89X5	Labor and delivery complicated by other cord complications, fetus 5	ICD-10-CM	Diagnosis
O69.89X9	Labor and delivery complicated by other cord complications, other fetus	ICD-10-CM	Diagnosis
O69.9XX0	Labor and delivery complicated by cord complication, unspecified, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.9XX1	Labor and delivery complicated by cord complication, unspecified, fetus 1	ICD-10-CM	Diagnosis
O69.9XX2	Labor and delivery complicated by cord complication, unspecified, fetus 2	ICD-10-CM	Diagnosis
O69.9XX3	Labor and delivery complicated by cord complication, unspecified, fetus 3	ICD-10-CM	Diagnosis
O69.9XX4	Labor and delivery complicated by cord complication, unspecified, fetus 4	ICD-10-CM	Diagnosis
O69.9XX5	Labor and delivery complicated by cord complication, unspecified, fetus 5	ICD-10-CM	Diagnosis
O69.9XX9	Labor and delivery complicated by cord complication, unspecified, other fetus	ICD-10-CM	Diagnosis
O70.0	First degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O70.1	Second degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O70.20	Third degree perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O70.21	Third degree perineal laceration during delivery, IIIa	ICD-10-CM	Diagnosis
O70.22	Third degree perineal laceration during delivery, IIIb	ICD-10-CM	Diagnosis
O70.23	Third degree perineal laceration during delivery, IIIc	ICD-10-CM	Diagnosis
O70.3	Fourth degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O70.4	Anal sphincter tear complicating delivery, not associated with third degree laceration	ICD-10-CM	Diagnosis
O70.9	Perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O74.0	Aspiration pneumonitis due to anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.1	Other pulmonary complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.2	Cardiac complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.3	Central nervous system complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.4	Toxic reaction to local anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.5	Spinal and epidural anesthesia-induced headache during labor and delivery	ICD-10-CM	Diagnosis
O74.6	Other complications of spinal and epidural anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.7	Failed or difficult intubation for anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.8	Other complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.9	Complication of anesthesia during labor and delivery, unspecified	ICD-10-CM	Diagnosis
O75.0	Maternal distress during labor and delivery	ICD-10-CM	Diagnosis
O75.1	Shock during or following labor and delivery	ICD-10-CM	Diagnosis
O75.5	Delayed delivery after artificial rupture of membranes	ICD-10-CM	Diagnosis
O75.81	Maternal exhaustion complicating labor and delivery	ICD-10-CM	Diagnosis
O75.82	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section	ICD-10-CM	Diagnosis
O75.89	Other specified complications of labor and delivery	ICD-10-CM	Diagnosis
O75.9	Complication of labor and delivery, unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O76	Abnormality in fetal heart rate and rhythm complicating labor and delivery	ICD-10-CM	Diagnosis
O77.0	Labor and delivery complicated by meconium in amniotic fluid	ICD-10-CM	Diagnosis
O77.8	Labor and delivery complicated by other evidence of fetal stress	ICD-10-CM	Diagnosis
O77.9	Labor and delivery complicated by fetal stress, unspecified	ICD-10-CM	Diagnosis
O80	Encounter for full-term uncomplicated delivery	ICD-10-CM	Diagnosis
O82	Encounter for cesarean delivery without indication	ICD-10-CM	Diagnosis
O88.02	Air embolism in childbirth	ICD-10-CM	Diagnosis
O88.12	Amniotic fluid embolism in childbirth	ICD-10-CM	Diagnosis
O88.22	Thromboembolism in childbirth	ICD-10-CM	Diagnosis
O88.32	Pyemic and septic embolism in childbirth	ICD-10-CM	Diagnosis
O88.82	Other embolism in childbirth	ICD-10-CM	Diagnosis
O98.02	Tuberculosis complicating childbirth	ICD-10-CM	Diagnosis
O98.12	Syphilis complicating childbirth	ICD-10-CM	Diagnosis
O98.22	Gonorrhea complicating childbirth	ICD-10-CM	Diagnosis
O98.32	Other infections with a predominantly sexual mode of transmission complicating childbirth	ICD-10-CM	Diagnosis
O98.42	Viral hepatitis complicating childbirth	ICD-10-CM	Diagnosis
O98.52	Other viral diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.62	Protozoal diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.72	Human immunodeficiency virus [HIV] disease complicating childbirth	ICD-10-CM	Diagnosis
O98.82	Other maternal infectious and parasitic diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.92	Unspecified maternal infectious and parasitic disease complicating childbirth	ICD-10-CM	Diagnosis
O99.02	Anemia complicating childbirth	ICD-10-CM	Diagnosis
O99.12	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating childbirth	ICD-10-CM	Diagnosis
O99.214	Obesity complicating childbirth	ICD-10-CM	Diagnosis
O99.284	Endocrine, nutritional and metabolic diseases complicating childbirth	ICD-10-CM	Diagnosis
O99.314	Alcohol use complicating childbirth	ICD-10-CM	Diagnosis
O99.324	Drug use complicating childbirth	ICD-10-CM	Diagnosis
O99.334	Smoking (tobacco) complicating childbirth	ICD-10-CM	Diagnosis
O99.344	Other mental disorders complicating childbirth	ICD-10-CM	Diagnosis
O99.354	Diseases of the nervous system complicating childbirth	ICD-10-CM	Diagnosis
O99.42	Diseases of the circulatory system complicating childbirth	ICD-10-CM	Diagnosis
O99.52	Diseases of the respiratory system complicating childbirth	ICD-10-CM	Diagnosis
O99.62	Diseases of the digestive system complicating childbirth	ICD-10-CM	Diagnosis
O99.72	Diseases of the skin and subcutaneous tissue complicating childbirth	ICD-10-CM	Diagnosis
O99.814	Abnormal glucose complicating childbirth	ICD-10-CM	Diagnosis
O99.824	Streptococcus B carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99.834	Other infection carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99.844	Bariatric surgery status complicating childbirth	ICD-10-CM	Diagnosis
O9A.12	Malignant neoplasm complicating childbirth	ICD-10-CM	Diagnosis
O9A.22	Injury, poisoning and certain other consequences of external causes complicating childbirth	ICD-10-CM	Diagnosis
O9A.32	Physical abuse complicating childbirth	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O9A.42	Sexual abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A.52	Psychological abuse complicating childbirth	ICD-10-CM	Diagnosis
P03.0	Newborn affected by breech delivery and extraction	ICD-10-CM	Diagnosis
P03.2	Newborn affected by forceps delivery	ICD-10-CM	Diagnosis
P03.3	Newborn affected by delivery by vacuum extractor [ventouse]	ICD-10-CM	Diagnosis
P03.4	Newborn affected by Cesarean delivery	ICD-10-CM	Diagnosis
P03.5	Newborn affected by precipitate delivery	ICD-10-CM	Diagnosis
P07.00	Extremely low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.01	Extremely low birth weight newborn, less than 500 grams	ICD-10-CM	Diagnosis
P07.02	Extremely low birth weight newborn, 500-749 grams	ICD-10-CM	Diagnosis
P07.03	Extremely low birth weight newborn, 750-999 grams	ICD-10-CM	Diagnosis
P07.10	Other low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.14	Other low birth weight newborn, 1000-1249 grams	ICD-10-CM	Diagnosis
P07.15	Other low birth weight newborn, 1250-1499 grams	ICD-10-CM	Diagnosis
P07.16	Other low birth weight newborn, 1500-1749 grams	ICD-10-CM	Diagnosis
P07.17	Other low birth weight newborn, 1750-1999 grams	ICD-10-CM	Diagnosis
P07.18	Other low birth weight newborn, 2000-2499 grams	ICD-10-CM	Diagnosis
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	ICD-10-CM	Diagnosis
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	ICD-10-CM	Diagnosis
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	ICD-10-CM	Diagnosis
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	ICD-10-CM	Diagnosis
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	ICD-10-CM	Diagnosis
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	ICD-10-CM	Diagnosis
P07.30	Preterm newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P07.31	Preterm newborn, gestational age 28 completed weeks	ICD-10-CM	Diagnosis
P07.32	Preterm newborn, gestational age 29 completed weeks	ICD-10-CM	Diagnosis
P07.33	Preterm newborn, gestational age 30 completed weeks	ICD-10-CM	Diagnosis
P07.34	Preterm newborn, gestational age 31 completed weeks	ICD-10-CM	Diagnosis
P07.35	Preterm newborn, gestational age 32 completed weeks	ICD-10-CM	Diagnosis
P07.36	Preterm newborn, gestational age 33 completed weeks	ICD-10-CM	Diagnosis
P07.37	Preterm newborn, gestational age 34 completed weeks	ICD-10-CM	Diagnosis
P07.38	Preterm newborn, gestational age 35 completed weeks	ICD-10-CM	Diagnosis
P07.39	Preterm newborn, gestational age 36 completed weeks	ICD-10-CM	Diagnosis
P08.21	Post-term newborn	ICD-10-CM	Diagnosis
P08.22	Prolonged gestation of newborn	ICD-10-CM	Diagnosis
Z37.0	Single live birth	ICD-10-CM	Diagnosis
Z37.2	Twins, both liveborn	ICD-10-CM	Diagnosis
Z37.50	Multiple births, unspecified, all liveborn	ICD-10-CM	Diagnosis
Z37.51	Triplets, all liveborn	ICD-10-CM	Diagnosis
Z37.52	Quadruplets, all liveborn	ICD-10-CM	Diagnosis
Z37.53	Quintuplets, all liveborn	ICD-10-CM	Diagnosis
Z37.54	Sextuplets, all liveborn	ICD-10-CM	Diagnosis
Z37.59	Other multiple births, all liveborn	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Z37.9	Outcome of delivery, unspecified	ICD-10-CM	Diagnosis
Z38.00	Single liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.01	Single liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.1	Single liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z38.2	Single liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z38.30	Twin liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.31	Twin liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.4	Twin liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z38.5	Twin liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z38.61	Triplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.62	Triplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.63	Quadruplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.64	Quadruplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.65	Quintuplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.66	Quintuplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.68	Other multiple liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.69	Other multiple liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.7	Other multiple liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z38.8	Other multiple liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
59400	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care	CPT-4	Procedure
59409	Vaginal delivery only (with or without episiotomy and/or forceps);	CPT-4	Procedure
59410	Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59510	Routine obstetric care including antepartum care, cesarean delivery, and postpartum	CPT-4	Procedure
59514	Cesarean delivery only;	CPT-4	Procedure
59515	Cesarean delivery only; including postpartum care	CPT-4	Procedure
59610	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery	CPT-4	Procedure
59612	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps);	CPT-4	Procedure
59614	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59618	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery	CPT-4	Procedure
59620	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery;	CPT-4	Procedure
59622	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care	CPT-4	Procedure
0W8NXZZ	Division of Female Perineum, External Approach	ICD-10-PCS	Procedure
10900ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Open Approach	ICD-10-PCS	Procedure
10903ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Approach	ICD-10-PCS	Procedure

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

Code	Description	Code Type	Code Category
10904ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
10907ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10908ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
10D00Z0	Extraction of Products of Conception, High, Open Approach	ICD-10-PCS	Procedure
10D00Z1	Extraction of Products of Conception, Low, Open Approach	ICD-10-PCS	Procedure
10D00Z2	Extraction of Products of Conception, Extraperitoneal, Open Approach	ICD-10-PCS	Procedure
10D07Z3	Extraction of Products of Conception, Low Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z4	Extraction of Products of Conception, Mid Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z5	Extraction of Products of Conception, High Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z6	Extraction of Products of Conception, Vacuum, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z7	Extraction of Products of Conception, Internal Version, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z8	Extraction of Products of Conception, Other, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10E0XZZ	Delivery of Products of Conception, External Approach	ICD-10-PCS	Procedure
10S07ZZ	Reposition Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
Metabolic Dysfunction-Associated Steatohepatitis (MASH)			
K75.81	Nonalcoholic steatohepatitis (NASH)	ICD-10-CM	Diagnosis
K75.89	Other specified inflammatory liver diseases	ICD-10-CM	Diagnosis

Appendix D. Generic and Brand Names of Medical Products Used to Define Inclusion/Exclusions in this Request

Generic Name	Brand Name
Rybelsus	
semaglutide	Rybelsus
Glucagon-like Peptide 1 Receptor Agonists (GLP-1 RAs)	
dulaglutide	Trulicity
exenatide	Byetta
exenatide	exenatide
exenatide microspheres	Bydureon
exenatide microspheres	Bydureon BCise
insulin degludec/liraglutide	Xultophy 100/3.6
insulin glargine,human recombinant analog/lixisenatide	Soliqua 100/33
liraglutide	liraglutide
liraglutide	Saxenda
liraglutide	Victoza 2-Pak
liraglutide	Victoza 3-Pak
lixisenatide	Adlyxin
tirzepatide	Zepbound
tirzepatide	Mounjaro

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Code	Description	Code Type	Code Category
Metabolic Dysfunction-Associated Steatohepatitis (MASH)			
K75.81	Nonalcoholic steatohepatitis (NASH)	ICD-10-CM	Diagnosis
K75.89	Other specified inflammatory liver diseases	ICD-10-CM	Diagnosis
Type 2 Diabetes Inpatient/Outpatient			
E11.9	Type 2 diabetes mellitus without complications	ICD-10-CM	Diagnosis
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E11.8	Type 2 diabetes mellitus with unspecified complications	ICD-10-CM	Diagnosis
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM	Diagnosis
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E11.349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
E11.359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	ICD-10-CM	Diagnosis
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	ICD-10-CM	Diagnosis
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	ICD-10-CM	Diagnosis
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	ICD-10-CM	Diagnosis
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	ICD-10-CM	Diagnosis
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	ICD-10-CM	Diagnosis
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified	ICD-10-CM	Diagnosis
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	ICD-10-CM	Diagnosis
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	ICD-10-CM	Diagnosis
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	ICD-10-CM	Diagnosis
E11.630	Type 2 diabetes mellitus with periodontal disease	ICD-10-CM	Diagnosis
E11.69	Type 2 diabetes mellitus with other specified complication	ICD-10-CM	Diagnosis
E11.622	Type 2 diabetes mellitus with other skin ulcer	ICD-10-CM	Diagnosis
E11.628	Type 2 diabetes mellitus with other skin complications	ICD-10-CM	Diagnosis
E11.638	Type 2 diabetes mellitus with other oral complications	ICD-10-CM	Diagnosis
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	ICD-10-CM	Diagnosis
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	ICD-10-CM	Diagnosis
E11.59	Type 2 diabetes mellitus with other circulatory complications	ICD-10-CM	Diagnosis
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E11.339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E11.331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E11.329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma	ICD-10-CM	Diagnosis
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	ICD-10-CM	Diagnosis
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	ICD-10-CM	Diagnosis
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	ICD-10-CM	Diagnosis
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	ICD-10-CM	Diagnosis
E11.65	Type 2 diabetes mellitus with hyperglycemia	ICD-10-CM	Diagnosis
E11.621	Type 2 diabetes mellitus with foot ulcer	ICD-10-CM	Diagnosis
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM	Diagnosis
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM	Diagnosis
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM	Diagnosis
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM	Diagnosis
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	ICD-10-CM	Diagnosis
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E11.36	Type 2 diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	ICD-10-CM	Diagnosis
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E13.10	Other specified diabetes mellitus with ketoacidosis without coma	ICD-10-CM	Diagnosis
E13.11	Other specified diabetes mellitus with ketoacidosis with coma	ICD-10-CM	Diagnosis
E13.00	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	ICD-10-CM	Diagnosis
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma	ICD-10-CM	Diagnosis
E13.21	Other specified diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E08.9	Diabetes mellitus due to underlying condition without complications	ICD-10-CM	Diagnosis
E08.319	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E08.311	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
E08.8	Diabetes mellitus due to underlying condition with unspecified complications	ICD-10-CM	Diagnosis
E08.3559	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM	Diagnosis
E08.3551	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E08.3552	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E08.3553	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E08.3499	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.3491	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E08.3492	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E08.3493	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E08.349	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E08.3419	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.3411	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E08.3412	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E08.3413	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E08.341	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E08.3599	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.3591	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E08.3592	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E08.359	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E08.3539	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E08.3531	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E08.3532	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	ICD-10-CM	Diagnosis
E08.3533	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	ICD-10-CM	Diagnosis
E08.3529	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E08.3521	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	ICD-10-CM	Diagnosis
E08.3522	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	ICD-10-CM	Diagnosis
E08.3523	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	ICD-10-CM	Diagnosis
E08.3519	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.3511	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E08.3512	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E08.3513	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E08.351	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E08.3549	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	ICD-10-CM	Diagnosis
E08.3541	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	ICD-10-CM	Diagnosis
E08.3542	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	ICD-10-CM	Diagnosis
E08.3543	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	ICD-10-CM	Diagnosis
E08.630	Diabetes mellitus due to underlying condition with periodontal disease	ICD-10-CM	Diagnosis
E08.69	Diabetes mellitus due to underlying condition with other specified complication	ICD-10-CM	Diagnosis
E08.622	Diabetes mellitus due to underlying condition with other skin ulcer	ICD-10-CM	Diagnosis
E08.628	Diabetes mellitus due to underlying condition with other skin complications	ICD-10-CM	Diagnosis
E08.638	Diabetes mellitus due to underlying condition with other oral complications	ICD-10-CM	Diagnosis
E08.39	Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E08.49	Diabetes mellitus due to underlying condition with other diabetic neurological complication	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney	ICD-10-CM	Diagnosis
E08.618	Diabetes mellitus due to underlying condition with other diabetic arthropathy	ICD-10-CM	Diagnosis
E08.59	Diabetes mellitus due to underlying condition with other circulatory complications	ICD-10-CM	Diagnosis
E08.3399	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.3391	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E08.3392	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E08.339	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E08.3319	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.3311	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E08.3312	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E08.3313	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E08.331	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E08.3299	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.3291	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E08.3292	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E08.3293	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E08.329	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E08.3219	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.3211	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E08.3212	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E08.3213	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E08.321	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
E08.10	Diabetes mellitus due to underlying condition with ketoacidosis without coma	ICD-10-CM	Diagnosis
E08.11	Diabetes mellitus due to underlying condition with ketoacidosis with coma	ICD-10-CM	Diagnosis
E08.649	Diabetes mellitus due to underlying condition with hypoglycemia without coma	ICD-10-CM	Diagnosis
E08.641	Diabetes mellitus due to underlying condition with hypoglycemia with coma	ICD-10-CM	Diagnosis
E08.00	Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	ICD-10-CM	Diagnosis
E08.01	Diabetes mellitus due to underlying condition with hyperosmolarity with coma	ICD-10-CM	Diagnosis
E08.65	Diabetes mellitus due to underlying condition with hyperglycemia	ICD-10-CM	Diagnosis
E08.621	Diabetes mellitus due to underlying condition with foot ulcer	ICD-10-CM	Diagnosis
E08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E08.40	Diabetes mellitus due to underlying condition with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E08.610	Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	ICD-10-CM	Diagnosis
E08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E08.37X9	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM	Diagnosis
E08.37X1	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM	Diagnosis
E08.37X2	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM	Diagnosis
E08.37X3	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM	Diagnosis
E08.620	Diabetes mellitus due to underlying condition with diabetic dermatitis	ICD-10-CM	Diagnosis
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	ICD-10-CM	Diagnosis
E08.43	Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E08.44	Diabetes mellitus due to underlying condition with diabetic amyotrophy	ICD-10-CM	Diagnosis
Obesity			
43.89	Open and other partial gastrectomy	ICD-9-CM	Procedure
44.38	Laparoscopic gastroenterostomy	ICD-9-CM	Procedure
44.39	Other gastroenterostomy without gastrectomy	ICD-9-CM	Procedure
44.68	Laparoscopic gastroplasty	ICD-9-CM	Procedure
44.95	Laparoscopic gastric restrictive procedure	ICD-9-CM	Procedure
45.51	Isolation of segment of small intestine	ICD-9-CM	Procedure
45.91	Small-to-small intestinal anastomosis	ICD-9-CM	Procedure
0D16079	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D1607A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D1607B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure

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

Code	Description	Code Type	Code Category
0D1607L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D160J9	Bypass Stomach to Duodenum with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
0D160JA	Bypass Stomach to Jejunum with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
0D160JB	Bypass Stomach to Ileum with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
0D160JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
0D160K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Open	ICD-10-PCS	Procedure
0D160KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D160KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D160KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D160Z9	Bypass Stomach to Duodenum, Open Approach	ICD-10-PCS	Procedure
0D160ZA	Bypass Stomach to Jejunum, Open Approach	ICD-10-PCS	Procedure
0D160ZB	Bypass Stomach to Ileum, Open Approach	ICD-10-PCS	Procedure
0D160ZL	Bypass Stomach to Transverse Colon, Open Approach	ICD-10-PCS	Procedure
0D16479	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1647A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1647B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1647L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164J9	Bypass Stomach to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164JA	Bypass Stomach to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164JB	Bypass Stomach to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164Z9	Bypass Stomach to Duodenum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164ZA	Bypass Stomach to Jejunum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164ZB	Bypass Stomach to Ileum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D164ZL	Bypass Stomach to Transverse Colon, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure

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

Code	Description	Code Type	Code Category
0D16879	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1687A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1687B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1687L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168J9	Bypass Stomach to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168JA	Bypass Stomach to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168JB	Bypass Stomach to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168Z9	Bypass Stomach to Duodenum, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168ZA	Bypass Stomach to Jejunum, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168ZB	Bypass Stomach to Ileum, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D168ZL	Bypass Stomach to Transverse Colon, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D19079	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D1907A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D1907B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D190J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
0D190JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
0D190JB	Bypass Duodenum to Ileum with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
0D190K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D190KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D190KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D190Z9	Bypass Duodenum to Duodenum, Open Approach	ICD-10-PCS	Procedure
0D190ZA	Bypass Duodenum to Jejunum, Open Approach	ICD-10-PCS	Procedure
0D190ZB	Bypass Duodenum to Ileum, Open Approach	ICD-10-PCS	Procedure
0D19479	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
0D1947A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1947B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D194J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D194JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D194JB	Bypass Duodenum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D194K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D194KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D194KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D194Z9	Bypass Duodenum to Duodenum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D194ZA	Bypass Duodenum to Jejunum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D194ZB	Bypass Duodenum to Ileum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D19879	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1987A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1987B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D198J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D198JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D198JB	Bypass Duodenum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D198K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D198KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D198KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D198Z9	Bypass Duodenum to Duodenum, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D198ZA	Bypass Duodenum to Jejunum, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D198ZB	Bypass Duodenum to Ileum, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1A07A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D1A07B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D1A0JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure

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

Code	Description	Code Type	Code Category
0D1A0JB	Bypass Jejunum to Ileum with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
0D1A0KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D1A0KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D1A0ZA	Bypass Jejunum to Jejunum, Open Approach	ICD-10-PCS	Procedure
0D1A0ZB	Bypass Jejunum to Ileum, Open Approach	ICD-10-PCS	Procedure
0D1A47A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1A47B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1A4JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1A4JB	Bypass Jejunum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1A4KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1A4KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1A4ZA	Bypass Jejunum to Jejunum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1A4ZB	Bypass Jejunum to Ileum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1A87A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1A87B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1A8JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1A8JB	Bypass Jejunum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1A8KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1A8KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1A8ZA	Bypass Jejunum to Jejunum, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1A8ZB	Bypass Jejunum to Ileum, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1A8ZH	Bypass Jejunum to Cecum, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1B07B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D1B0JB	Bypass Ileum to Ileum with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
0D1B0KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
0D1B0ZB	Bypass Ileum to Ileum, Open Approach	ICD-10-PCS	Procedure
0D1B47B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1B4JB	Bypass Ileum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1B4KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
0D1B4ZB	Bypass Ileum to Ileum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D1B87B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1B8JB	Bypass Ileum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1B8KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1B8ZB	Bypass Ileum to Ileum, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0D1B8ZH	Bypass Ileum to Cecum, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0DB60Z3	Excision of Stomach, Open Approach, Vertical	ICD-10-PCS	Procedure
0DB60ZZ	Excision of Stomach, Open Approach	ICD-10-PCS	Procedure
0DB63Z3	Excision of Stomach, Percutaneous Approach, Vertical	ICD-10-PCS	Procedure
0DB63ZZ	Excision of Stomach, Percutaneous Approach	ICD-10-PCS	Procedure
0DB67Z3	Excision of Stomach, Via Natural or Artificial Opening, Vertical	ICD-10-PCS	Procedure
0DB67ZZ	Excision of Stomach, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
0DB68Z3	Excision of Stomach, Via Natural or Artificial Opening Endoscopic, Vertical	ICD-10-PCS	Procedure
0DB80ZZ	Excision of Small Intestine, Open Approach	ICD-10-PCS	Procedure
0DB90ZZ	Excision of Duodenum, Open Approach	ICD-10-PCS	Procedure
0DBB0ZZ	Excision of Ileum, Open Approach	ICD-10-PCS	Procedure
0DQ64ZZ	Repair Stomach, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0DV64CZ	Restriction of Stomach with Extraluminal Device, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0F190Z3	Bypass Common Bile Duct to Duodenum, Open Approach	ICD-10-PCS	Procedure
0TRB07Z	Replacement of Bladder with Autologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
43644	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-Y gastroenterostomy (roux limb 150 cm or less)	CPT-4	Procedure
43645	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and small intestine reconstruction to limit absorption	CPT-4	Procedure
43770	Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable gastric restrictive device (eg, gastric band and subcutaneous port components)	CPT-4	Procedure
43842	Gastric restrictive procedure, without gastric bypass, for morbid obesity; vertical-banded gastroplasty	CPT-4	Procedure
43843	Gastric restrictive procedure, without gastric bypass, for morbid obesity; other than vertical-banded gastroplasty	CPT-4	Procedure
43845	Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileoileostomy (50 to 100 cm common channel) to limit absorption (biliopancreatic diversion with duodenal switch)	CPT-4	Procedure
43846	Gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (150 cm or less) Roux-en-Y gastroenterostomy	CPT-4	Procedure
43847	Gastric restrictive procedure, with gastric bypass for morbid obesity; with small intestine reconstruction to limit absorption	CPT-4	Procedure

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Code	Description	Code Type	Code Category
Acute Myocardial Infarction			
I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	ICD-10-CM	Diagnosis
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	ICD-10-CM	Diagnosis
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	ICD-10-CM	Diagnosis
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	ICD-10-CM	Diagnosis
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	ICD-10-CM	Diagnosis
I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery	ICD-10-CM	Diagnosis
I21.29	ST elevation (STEMI) myocardial infarction involving other sites	ICD-10-CM	Diagnosis
I21.3	ST elevation (STEMI) myocardial infarction of unspecified site	ICD-10-CM	Diagnosis
I21.4	Non-ST elevation (NSTEMI) myocardial infarction	ICD-10-CM	Diagnosis
I21.9	Acute myocardial infarction, unspecified	ICD-10-CM	Diagnosis
I21.A1	Myocardial infarction type 2	ICD-10-CM	Diagnosis
I21.A9	Other myocardial infarction type	ICD-10-CM	Diagnosis
I21.B	Myocardial infarction with coronary microvascular dysfunction	ICD-10-CM	Diagnosis
I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall	ICD-10-CM	Diagnosis
I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall	ICD-10-CM	Diagnosis
I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction	ICD-10-CM	Diagnosis
I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites	ICD-10-CM	Diagnosis
I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site	ICD-10-CM	Diagnosis
I23.0	Hemopericardium as current complication following acute myocardial infarction	ICD-10-CM	Diagnosis
I23.1	Atrial septal defect as current complication following acute myocardial infarction	ICD-10-CM	Diagnosis
I23.2	Ventricular septal defect as current complication following acute myocardial infarction	ICD-10-CM	Diagnosis
I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction	ICD-10-CM	Diagnosis
I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction	ICD-10-CM	Diagnosis
I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction	ICD-10-CM	Diagnosis
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction	ICD-10-CM	Diagnosis
I23.7	Postinfarction angina	ICD-10-CM	Diagnosis
I23.8	Other current complications following acute myocardial infarction	ICD-10-CM	Diagnosis
Arrhythmia			
I44.0	Atrioventricular block, first degree	ICD-10-CM	Diagnosis
I44.1	Atrioventricular block, second degree	ICD-10-CM	Diagnosis
I44.30	Unspecified atrioventricular block	ICD-10-CM	Diagnosis
I44.39	Other atrioventricular block	ICD-10-CM	Diagnosis
I44.4	Left anterior fascicular block	ICD-10-CM	Diagnosis
I44.5	Left posterior fascicular block	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
I44.60	Unspecified fascicular block	ICD-10-CM	Diagnosis
I44.69	Other fascicular block	ICD-10-CM	Diagnosis
I44.7	Left bundle-branch block, unspecified	ICD-10-CM	Diagnosis
I45.0	Right fascicular block	ICD-10-CM	Diagnosis
I45.10	Unspecified right bundle-branch block	ICD-10-CM	Diagnosis
I45.19	Other right bundle-branch block	ICD-10-CM	Diagnosis
I45.2	Bifascicular block	ICD-10-CM	Diagnosis
I45.4	Nonspecific intraventricular block	ICD-10-CM	Diagnosis
I45.5	Other specified heart block	ICD-10-CM	Diagnosis
I45.6	Pre-excitation syndrome	ICD-10-CM	Diagnosis
I45.81	Long QT syndrome	ICD-10-CM	Diagnosis
I45.89	Other specified conduction disorders	ICD-10-CM	Diagnosis
I47.1	Supraventricular tachycardia	ICD-10-CM	Diagnosis
I47.9	Paroxysmal tachycardia, unspecified	ICD-10-CM	Diagnosis
I48.0	Paroxysmal atrial fibrillation	ICD-10-CM	Diagnosis
I48.1	Persistent atrial fibrillation	ICD-10-CM	Diagnosis
I48.2	Chronic atrial fibrillation	ICD-10-CM	Diagnosis
I48.91	Unspecified atrial fibrillation	ICD-10-CM	Diagnosis
I49.2	Junctional premature depolarization	ICD-10-CM	Diagnosis
I49.40	Unspecified premature depolarization	ICD-10-CM	Diagnosis
I49.9	Cardiac arrhythmia, unspecified	ICD-10-CM	Diagnosis
R00.0	Tachycardia, unspecified	ICD-10-CM	Diagnosis
Z45.010	Encounter for checking and testing of cardiac pacemaker pulse generator [battery]	ICD-10-CM	Diagnosis
Z45.018	Encounter for adjustment and management of other part of cardiac pacemaker	ICD-10-CM	Diagnosis
Z45.02	Encounter for adjustment and management of automatic implantable cardiac defibrillator	ICD-10-CM	Diagnosis
Z45.09	Encounter for adjustment and management of other cardiac device	ICD-10-CM	Diagnosis
Z95.0	Presence of cardiac pacemaker	ICD-10-CM	Diagnosis
Z95.810	Presence of automatic (implantable) cardiac defibrillator	ICD-10-CM	Diagnosis
Z95.818	Presence of other cardiac implants and grafts	ICD-10-CM	Diagnosis
Z95.9	Presence of cardiac and vascular implant and graft, unspecified	ICD-10-CM	Diagnosis
Chronic Kidney Disease (CKD)			
A18.11	Tuberculosis of kidney and ureter	ICD-10-CM	Diagnosis
A52.75	Syphilis of kidney and ureter	ICD-10-CM	Diagnosis
B52.0	Plasmodium malariae malaria with nephropathy	ICD-10-CM	Diagnosis
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	ICD-10-CM	Diagnosis
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney	ICD-10-CM	Diagnosis
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E13.21	Other specified diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	ICD-10-CM	Diagnosis
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	ICD-10-CM	Diagnosis
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	ICD-10-CM	Diagnosis
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	ICD-10-CM	Diagnosis
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	ICD-10-CM	Diagnosis
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	ICD-10-CM	Diagnosis
K76.7	Hepatorenal syndrome	ICD-10-CM	Diagnosis
M10.30	Gout due to renal impairment, unspecified site	ICD-10-CM	Diagnosis
M10.311	Gout due to renal impairment, right shoulder	ICD-10-CM	Diagnosis
M10.312	Gout due to renal impairment, left shoulder	ICD-10-CM	Diagnosis
M10.319	Gout due to renal impairment, unspecified shoulder	ICD-10-CM	Diagnosis
M10.321	Gout due to renal impairment, right elbow	ICD-10-CM	Diagnosis
M10.322	Gout due to renal impairment, left elbow	ICD-10-CM	Diagnosis
M10.329	Gout due to renal impairment, unspecified elbow	ICD-10-CM	Diagnosis
M10.331	Gout due to renal impairment, right wrist	ICD-10-CM	Diagnosis
M10.332	Gout due to renal impairment, left wrist	ICD-10-CM	Diagnosis
M10.339	Gout due to renal impairment, unspecified wrist	ICD-10-CM	Diagnosis
M10.341	Gout due to renal impairment, right hand	ICD-10-CM	Diagnosis
M10.342	Gout due to renal impairment, left hand	ICD-10-CM	Diagnosis
M10.349	Gout due to renal impairment, unspecified hand	ICD-10-CM	Diagnosis
M10.351	Gout due to renal impairment, right hip	ICD-10-CM	Diagnosis
M10.352	Gout due to renal impairment, left hip	ICD-10-CM	Diagnosis
M10.359	Gout due to renal impairment, unspecified hip	ICD-10-CM	Diagnosis
M10.361	Gout due to renal impairment, right knee	ICD-10-CM	Diagnosis
M10.362	Gout due to renal impairment, left knee	ICD-10-CM	Diagnosis
M10.369	Gout due to renal impairment, unspecified knee	ICD-10-CM	Diagnosis
M10.371	Gout due to renal impairment, right ankle and foot	ICD-10-CM	Diagnosis
M10.372	Gout due to renal impairment, left ankle and foot	ICD-10-CM	Diagnosis
M10.379	Gout due to renal impairment, unspecified ankle and foot	ICD-10-CM	Diagnosis
M10.38	Gout due to renal impairment, vertebrae	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M10.39	Gout due to renal impairment, multiple sites	ICD-10-CM	Diagnosis
M32.14	Glomerular disease in systemic lupus erythematosus	ICD-10-CM	Diagnosis
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus	ICD-10-CM	Diagnosis
M35.04	Sjogren syndrome with tubulo-interstitial nephropathy	ICD-10-CM	Diagnosis
M35.0A	Sjogren syndrome with glomerular disease	ICD-10-CM	Diagnosis
N01.0	Rapidly progressive nephritic syndrome with minor glomerular abnormality	ICD-10-CM	Diagnosis
N01.1	Rapidly progressive nephritic syndrome with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N01.2	Rapidly progressive nephritic syndrome with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N01.3	Rapidly progressive nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N01.4	Rapidly progressive nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N01.5	Rapidly progressive nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N01.6	Rapidly progressive nephritic syndrome with dense deposit disease	ICD-10-CM	Diagnosis
N01.7	Rapidly progressive nephritic syndrome with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N01.8	Rapidly progressive nephritic syndrome with other morphologic changes	ICD-10-CM	Diagnosis
N01.9	Rapidly progressive nephritic syndrome with unspecified morphologic changes	ICD-10-CM	Diagnosis
N01.A	Rapidly progressive nephritic syndrome with C3 glomerulonephritis	ICD-10-CM	Diagnosis
N02.0	Recurrent and persistent hematuria with minor glomerular abnormality	ICD-10-CM	Diagnosis
N02.1	Recurrent and persistent hematuria with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N02.2	Recurrent and persistent hematuria with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N02.3	Recurrent and persistent hematuria with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N02.4	Recurrent and persistent hematuria with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N02.5	Recurrent and persistent hematuria with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N02.6	Recurrent and persistent hematuria with dense deposit disease	ICD-10-CM	Diagnosis
N02.7	Recurrent and persistent hematuria with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N02.8	Recurrent and persistent hematuria with other morphologic changes	ICD-10-CM	Diagnosis
N02.9	Recurrent and persistent hematuria with unspecified morphologic changes	ICD-10-CM	Diagnosis
N02.A	Recurrent and persistent hematuria with C3 glomerulonephritis	ICD-10-CM	Diagnosis
N02.B1	Recurrent and persistent immunoglobulin A nephropathy with glomerular lesion	ICD-10-CM	Diagnosis
N02.B2	Recurrent and persistent immunoglobulin A nephropathy with focal and segmental glomerular lesion	ICD-10-CM	Diagnosis
N02.B3	Recurrent and persistent immunoglobulin A nephropathy with diffuse membranoproliferative glomerulonephritis	ICD-10-CM	Diagnosis
N02.B4	Recurrent and persistent immunoglobulin A nephropathy with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N02.B5	Recurrent and persistent immunoglobulin A nephropathy with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
N02.B6	Recurrent and persistent immunoglobulin A nephropathy with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N02.B9	Other recurrent and persistent immunoglobulin A nephropathy	ICD-10-CM	Diagnosis
N03.0	Chronic nephritic syndrome with minor glomerular abnormality	ICD-10-CM	Diagnosis
N03.1	Chronic nephritic syndrome with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N03.2	Chronic nephritic syndrome with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N03.3	Chronic nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N03.4	Chronic nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N03.5	Chronic nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N03.6	Chronic nephritic syndrome with dense deposit disease	ICD-10-CM	Diagnosis
N03.7	Chronic nephritic syndrome with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N03.8	Chronic nephritic syndrome with other morphologic changes	ICD-10-CM	Diagnosis
N03.9	Chronic nephritic syndrome with unspecified morphologic changes	ICD-10-CM	Diagnosis
N03.A	Chronic nephritic syndrome with C3 glomerulonephritis	ICD-10-CM	Diagnosis
N04.0	Nephrotic syndrome with minor glomerular abnormality	ICD-10-CM	Diagnosis
N04.1	Nephrotic syndrome with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N04.2	Nephrotic syndrome with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N04.20	Nephrotic syndrome with diffuse membranous glomerulonephritis, unspecified	ICD-10-CM	Diagnosis
N04.21	Primary membranous nephropathy with nephrotic syndrome	ICD-10-CM	Diagnosis
N04.22	Secondary membranous nephropathy with nephrotic syndrome	ICD-10-CM	Diagnosis
N04.29	Other nephrotic syndrome with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N04.3	Nephrotic syndrome with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N04.4	Nephrotic syndrome with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N04.5	Nephrotic syndrome with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N04.6	Nephrotic syndrome with dense deposit disease	ICD-10-CM	Diagnosis
N04.7	Nephrotic syndrome with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N04.8	Nephrotic syndrome with other morphologic changes	ICD-10-CM	Diagnosis
N04.9	Nephrotic syndrome with unspecified morphologic changes	ICD-10-CM	Diagnosis
N04.A	Nephrotic syndrome with C3 glomerulonephritis	ICD-10-CM	Diagnosis
N05.0	Unspecified nephritic syndrome with minor glomerular abnormality	ICD-10-CM	Diagnosis
N05.1	Unspecified nephritic syndrome with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N05.2	Unspecified nephritic syndrome with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N05.3	Unspecified nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N05.4	Unspecified nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N05.5	Unspecified nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N05.6	Unspecified nephritic syndrome with dense deposit disease	ICD-10-CM	Diagnosis
N05.7	Unspecified nephritic syndrome with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N05.8	Unspecified nephritic syndrome with other morphologic changes	ICD-10-CM	Diagnosis
N05.9	Unspecified nephritic syndrome with unspecified morphologic changes	ICD-10-CM	Diagnosis
N05.A	Unspecified nephritic syndrome with C3 glomerulonephritis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
N06.0	Isolated proteinuria with minor glomerular abnormality	ICD-10-CM	Diagnosis
N06.1	Isolated proteinuria with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N06.2	Isolated proteinuria with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N06.20	Isolated proteinuria with diffuse membranous glomerulonephritis, unspecified	ICD-10-CM	Diagnosis
N06.21	Primary membranous nephropathy with isolated proteinuria	ICD-10-CM	Diagnosis
N06.22	Secondary membranous nephropathy with isolated proteinuria	ICD-10-CM	Diagnosis
N06.29	Other isolated proteinuria with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N06.3	Isolated proteinuria with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N06.4	Isolated proteinuria with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N06.5	Isolated proteinuria with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N06.6	Isolated proteinuria with dense deposit disease	ICD-10-CM	Diagnosis
N06.7	Isolated proteinuria with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N06.8	Isolated proteinuria with other morphologic lesion	ICD-10-CM	Diagnosis
N06.9	Isolated proteinuria with unspecified morphologic lesion	ICD-10-CM	Diagnosis
N06.A	Isolated proteinuria with C3 glomerulonephritis	ICD-10-CM	Diagnosis
N07.0	Hereditary nephropathy, not elsewhere classified with minor glomerular abnormality	ICD-10-CM	Diagnosis
N07.1	Hereditary nephropathy, not elsewhere classified with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N07.2	Hereditary nephropathy, not elsewhere classified with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N07.3	Hereditary nephropathy, not elsewhere classified with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N07.4	Hereditary nephropathy, not elsewhere classified with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N07.5	Hereditary nephropathy, not elsewhere classified with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N07.6	Hereditary nephropathy, not elsewhere classified with dense deposit disease	ICD-10-CM	Diagnosis
N07.7	Hereditary nephropathy, not elsewhere classified with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N07.8	Hereditary nephropathy, not elsewhere classified with other morphologic lesions	ICD-10-CM	Diagnosis
N07.9	Hereditary nephropathy, not elsewhere classified with unspecified morphologic lesions	ICD-10-CM	Diagnosis
N07.A	Hereditary nephropathy, not elsewhere classified with C3 glomerulonephritis	ICD-10-CM	Diagnosis
N08	Glomerular disorders in diseases classified elsewhere	ICD-10-CM	Diagnosis
N14.0	Analgesic nephropathy	ICD-10-CM	Diagnosis
N14.1	Nephropathy induced by other drugs, medicaments and biological substances	ICD-10-CM	Diagnosis
N14.11	Contrast-induced nephropathy	ICD-10-CM	Diagnosis
N14.19	Nephropathy induced by other drugs, medicaments and biological substances	ICD-10-CM	Diagnosis
N14.2	Nephropathy induced by unspecified drug, medicament or biological substance	ICD-10-CM	Diagnosis
N14.3	Nephropathy induced by heavy metals	ICD-10-CM	Diagnosis
N14.4	Toxic nephropathy, not elsewhere classified	ICD-10-CM	Diagnosis
N15.0	Balkan nephropathy	ICD-10-CM	Diagnosis
N15.8	Other specified renal tubulo-interstitial diseases	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
N15.9	Renal tubulo-interstitial disease, unspecified	ICD-10-CM	Diagnosis
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere	ICD-10-CM	Diagnosis
N18.1	Chronic kidney disease, stage 1	ICD-10-CM	Diagnosis
N18.2	Chronic kidney disease, stage 2 (mild)	ICD-10-CM	Diagnosis
N18.3	Chronic kidney disease, stage 3 (moderate)	ICD-10-CM	Diagnosis
N18.30	Chronic kidney disease, stage 3 unspecified	ICD-10-CM	Diagnosis
N18.31	Chronic kidney disease, stage 3a	ICD-10-CM	Diagnosis
N18.32	Chronic kidney disease, stage 3b	ICD-10-CM	Diagnosis
N18.4	Chronic kidney disease, stage 4 (severe)	ICD-10-CM	Diagnosis
N18.5	Chronic kidney disease, stage 5	ICD-10-CM	Diagnosis
N18.6	End stage renal disease	ICD-10-CM	Diagnosis
N18.9	Chronic kidney disease, unspecified	ICD-10-CM	Diagnosis
N25.1	Nephrogenic diabetes insipidus	ICD-10-CM	Diagnosis
N25.89	Other disorders resulting from impaired renal tubular function	ICD-10-CM	Diagnosis
N25.9	Disorder resulting from impaired renal tubular function, unspecified	ICD-10-CM	Diagnosis
N26.1	Atrophy of kidney (terminal)	ICD-10-CM	Diagnosis
N26.9	Renal sclerosis, unspecified	ICD-10-CM	Diagnosis
N99.0	Postprocedural (acute) (chronic) kidney failure	ICD-10-CM	Diagnosis
Q61.02	Congenital multiple renal cysts	ICD-10-CM	Diagnosis
Q61.11	Cystic dilatation of collecting ducts	ICD-10-CM	Diagnosis
Q61.19	Other polycystic kidney, infantile type	ICD-10-CM	Diagnosis
Q61.2	Polycystic kidney, adult type	ICD-10-CM	Diagnosis
Q61.3	Polycystic kidney, unspecified	ICD-10-CM	Diagnosis
Q61.4	Renal dysplasia	ICD-10-CM	Diagnosis
Q61.5	Medullary cystic kidney	ICD-10-CM	Diagnosis
Q61.8	Other cystic kidney diseases	ICD-10-CM	Diagnosis
End Stage Renal Disease (ESRD)			
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	ICD-10-CM	Diagnosis
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	ICD-10-CM	Diagnosis
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	ICD-10-CM	Diagnosis
N18.4	Chronic kidney disease, stage 4 (severe)	ICD-10-CM	Diagnosis
N18.5	Chronic kidney disease, stage 5	ICD-10-CM	Diagnosis
N18.6	End stage renal disease	ICD-10-CM	Diagnosis
I95.3	Hypotension of hemodialysis	ICD-10-CM	Diagnosis
R88.0	Cloudy (hemodialysis) (peritoneal) dialysis effluent	ICD-10-CM	Diagnosis
T81.502	Unspecified complication of foreign body accidentally left in body following kidney dialysis	ICD-10-CM	Diagnosis
T81.502A	Unspecified complication of foreign body accidentally left in body following kidney dialysis, initial encounter	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
T81.502D	Unspecified complication of foreign body accidentally left in body following kidney dialysis, subsequent encounter	ICD-10-CM	Diagnosis
T81.502S	Unspecified complication of foreign body accidentally left in body following kidney dialysis, sequela	ICD-10-CM	Diagnosis
T81.512	Adhesions due to foreign body accidentally left in body following kidney dialysis	ICD-10-CM	Diagnosis
T81.512A	Adhesions due to foreign body accidentally left in body following kidney dialysis, initial encounter	ICD-10-CM	Diagnosis
T81.512D	Adhesions due to foreign body accidentally left in body following kidney dialysis, subsequent encounter	ICD-10-CM	Diagnosis
T81.512S	Adhesions due to foreign body accidentally left in body following kidney dialysis, sequela	ICD-10-CM	Diagnosis
T81.522	Obstruction due to foreign body accidentally left in body following kidney dialysis	ICD-10-CM	Diagnosis
T81.522A	Obstruction due to foreign body accidentally left in body following kidney dialysis, initial encounter	ICD-10-CM	Diagnosis
T81.522D	Obstruction due to foreign body accidentally left in body following kidney dialysis, subsequent encounter	ICD-10-CM	Diagnosis
T81.522S	Obstruction due to foreign body accidentally left in body following kidney dialysis, sequela	ICD-10-CM	Diagnosis
T81.532	Perforation due to foreign body accidentally left in body following kidney dialysis	ICD-10-CM	Diagnosis
T81.532A	Perforation due to foreign body accidentally left in body following kidney dialysis, initial encounter	ICD-10-CM	Diagnosis
T81.532D	Perforation due to foreign body accidentally left in body following kidney dialysis, subsequent encounter	ICD-10-CM	Diagnosis
T81.532S	Perforation due to foreign body accidentally left in body following kidney dialysis, sequela	ICD-10-CM	Diagnosis
T81.592	Other complications of foreign body accidentally left in body following kidney dialysis	ICD-10-CM	Diagnosis
T81.592A	Other complications of foreign body accidentally left in body following kidney dialysis, initial encounter	ICD-10-CM	Diagnosis
T81.592D	Other complications of foreign body accidentally left in body following kidney dialysis, subsequent encounter	ICD-10-CM	Diagnosis
T81.592S	Other complications of foreign body accidentally left in body following kidney dialysis, sequela	ICD-10-CM	Diagnosis
T82.41XA	Breakdown (mechanical) of vascular dialysis catheter, initial encounter	ICD-10-CM	Diagnosis
T82.41XD	Breakdown (mechanical) of vascular dialysis catheter, subsequent encounter	ICD-10-CM	Diagnosis
T82.41XS	Breakdown (mechanical) of vascular dialysis catheter, sequela	ICD-10-CM	Diagnosis
T82.42XA	Displacement of vascular dialysis catheter, initial encounter	ICD-10-CM	Diagnosis
T82.42XD	Displacement of vascular dialysis catheter, subsequent encounter	ICD-10-CM	Diagnosis
T82.42XS	Displacement of vascular dialysis catheter, sequela	ICD-10-CM	Diagnosis
T82.43XA	Leakage of vascular dialysis catheter, initial encounter	ICD-10-CM	Diagnosis
T82.43XD	Leakage of vascular dialysis catheter, subsequent encounter	ICD-10-CM	Diagnosis
T82.43XS	Leakage of vascular dialysis catheter, sequela	ICD-10-CM	Diagnosis
T82.49XA	Other complication of vascular dialysis catheter, initial encounter	ICD-10-CM	Diagnosis
T82.49XD	Other complication of vascular dialysis catheter, subsequent encounter	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
T82.49XS	Other complication of vascular dialysis catheter, sequela	ICD-10-CM	Diagnosis
T85.611	Breakdown (mechanical) of intraperitoneal dialysis catheter	ICD-10-CM	Diagnosis
T85.611A	Breakdown (mechanical) of intraperitoneal dialysis catheter, initial encounter	ICD-10-CM	Diagnosis
T85.611D	Breakdown (mechanical) of intraperitoneal dialysis catheter, subsequent encounter	ICD-10-CM	Diagnosis
T85.611S	Breakdown (mechanical) of intraperitoneal dialysis catheter, sequela	ICD-10-CM	Diagnosis
T85.621	Displacement of intraperitoneal dialysis catheter	ICD-10-CM	Diagnosis
T85.621A	Displacement of intraperitoneal dialysis catheter, initial encounter	ICD-10-CM	Diagnosis
T85.621D	Displacement of intraperitoneal dialysis catheter, subsequent encounter	ICD-10-CM	Diagnosis
T85.621S	Displacement of intraperitoneal dialysis catheter, sequela	ICD-10-CM	Diagnosis
T85.631	Leakage of intraperitoneal dialysis catheter	ICD-10-CM	Diagnosis
T85.631A	Leakage of intraperitoneal dialysis catheter, initial encounter	ICD-10-CM	Diagnosis
T85.631D	Leakage of intraperitoneal dialysis catheter, subsequent encounter	ICD-10-CM	Diagnosis
T85.631S	Leakage of intraperitoneal dialysis catheter, sequela	ICD-10-CM	Diagnosis
T85.691	Other mechanical complication of intraperitoneal dialysis catheter	ICD-10-CM	Diagnosis
T85.691A	Other mechanical complication of intraperitoneal dialysis catheter, initial encounter	ICD-10-CM	Diagnosis
T85.691D	Other mechanical complication of intraperitoneal dialysis catheter, subsequent encounter	ICD-10-CM	Diagnosis
T85.691S	Other mechanical complication of intraperitoneal dialysis catheter, sequela	ICD-10-CM	Diagnosis
T85.71XA	Infection and inflammatory reaction due to peritoneal dialysis catheter, initial encounter	ICD-10-CM	Diagnosis
T85.71XD	Infection and inflammatory reaction due to peritoneal dialysis catheter, subsequent encounter	ICD-10-CM	Diagnosis
T85.71XS	Infection and inflammatory reaction due to peritoneal dialysis catheter, sequela	ICD-10-CM	Diagnosis
Y62.2	Failure of sterile precautions during kidney dialysis and other perfusion	ICD-10-CM	Diagnosis
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	ICD-10-CM	Diagnosis
Z49.01	Encounter for fitting and adjustment of extracorporeal dialysis catheter	ICD-10-CM	Diagnosis
Z49.02	Encounter for fitting and adjustment of peritoneal dialysis catheter	ICD-10-CM	Diagnosis
Z49.31	Encounter for adequacy testing for hemodialysis	ICD-10-CM	Diagnosis
Z49.32	Encounter for adequacy testing for peritoneal dialysis	ICD-10-CM	Diagnosis
Z91.15	Patient's noncompliance with renal dialysis	ICD-10-CM	Diagnosis
Z94.0	Kidney transplant status	ICD-10-CM	Diagnosis
Z99.2	Dependence on renal dialysis	ICD-10-CM	Diagnosis
T86.10	Unspecified complication of kidney transplant	ICD-10-CM	Diagnosis
T86.11	Kidney transplant rejection	ICD-10-CM	Diagnosis
T86.12	Kidney transplant failure	ICD-10-CM	Diagnosis
T86.13	Kidney transplant infection	ICD-10-CM	Diagnosis
T86.19	Other complication of kidney transplant	ICD-10-CM	Diagnosis
Z48.22	Encounter for aftercare following kidney transplant	ICD-10-CM	Diagnosis
90957	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 4 or more face-to-face visits by a physician or other qualified health care professional per month	CPT-4	Procedure

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Code	Description	Code Type	Code Category
90958	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 2-3 face-to-face visits by a physician or other qualified health care professional per month	CPT-4	Procedure
90959	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 1 face-to-face visit by a physician or other qualified health care professional per month	CPT-4	Procedure
90960	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and older; with 4 or more face-to-face visits by a physician or other qualified health care professional per month	CPT-4	Procedure
90961	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and older; with 2-3 face-to-face visits by a physician or other qualified health care professional per month	CPT-4	Procedure
90962	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and older; with 1 face-to-face visit by a physician or other qualified health care professional per month	CPT-4	Procedure
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	CPT-4	Procedure
90966	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients 20 years of age and older	CPT-4	Procedure
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	CPT-4	Procedure
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	CPT-4	Procedure
90976	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
90977	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
90978	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
90979	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
90982	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
90983	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
90984	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
90985	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
00868	Anesthesia for extraperitoneal procedures in lower abdomen, including urinary tract; renal transplant (recipient)	CPT-4	Procedure
50340	Recipient nephrectomy (separate procedure)	CPT-4	Procedure
50360	Renal allotransplantation, implantation of graft; without recipient nephrectomy	CPT-4	Procedure
50365	Renal allotransplantation, implantation of graft; with recipient nephrectomy	CPT-4	Procedure
75791	Angiography, arteriovenous shunt (eg, dialysis patient fistula/graft), complete evaluation of dialysis access, including fluoroscopy, image documentation and report (includes injections of contrast and all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava), radiological supervision and interpretation	CPT-4	Procedure

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Code	Description	Code Type	Code Category
90935	Hemodialysis procedure with single evaluation by a physician or other qualified health care professional	CPT-4	Procedure
90937	Hemodialysis procedure requiring repeated evaluation(s) with or without substantial revision of dialysis prescription	CPT-4	Procedure
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	CPT-4	Procedure
90940	Hemodialysis access flow study to determine blood flow in grafts and arteriovenous fistulae by an indicator method	CPT-4	Procedure
90941	Hemodialysis, For Acute Renal Failure And Or Intoxication,	CPT-4	Procedure
90942	Hemodialysis, For Acute Renal Failure And Or Intoxication,	CPT-4	Procedure
90943	Hemodialysis, For Acute Renal Failure And Or Intoxication,	CPT-4	Procedure
90944	Hemodialysis, For Acute Renal Failure And Or Intoxication,	CPT-4	Procedure
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	CPT-4	Procedure
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	CPT-4	Procedure
90994	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 4 or more face-to-face visits by a physician or other qualified health care professional per month	CPT-4	Procedure
90995	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 2-3 face-to-face visits by a physician or other qualified health care professional per month	CPT-4	Procedure
90996	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 1 face-to-face visit by a physician or other qualified health care professional per month	CPT-4	Procedure
90998	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and older; with 4 or more face-to-face visits by a physician or other qualified health care professional per month	CPT-4	Procedure
90999	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and older; with 2-3 face-to-face visits by a physician or other qualified health care professional per month	CPT-4	Procedure
99512	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and older; with 1 face-to-face visit by a physician or other qualified health care professional per month	CPT-4	Procedure

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Code	Description	Code Type	Code Category
OTS00ZZ	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	CPT-4	Procedure
OTS10ZZ	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients 20 years of age and older	CPT-4	Procedure
OTT10ZZ	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	CPT-4	Procedure
OTT14ZZ	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	CPT-4	Procedure
OTT20ZZ	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
OTT24ZZ	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
OTT60ZZ	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
OTT64ZZ	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
OTT67ZZ	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
OTT68ZZ	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
OTT70ZZ	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
OTT74ZZ	Peritoneal Dialysis For End-stage Renal Disease (esrd),	CPT-4	Procedure
OTT77ZZ	Supervision Of Hemodialysis In Hospital Or Other Facility (excluding Home Dialysis), On Monthly Basis	CPT-4	Procedure
OTT78ZZ	Dialysis training, patient, including helper where applicable, any mode, completed course	CPT-4	Procedure
OTY00Z0	Hemodialysis Training And/or Counseling	CPT-4	Procedure
OTY00Z1	Home Hemodialysis Care, Outpatient, For Those Services Either Provided By The Physician Primarily Responsible	CPT-4	Procedure
OTY00Z2	Peritoneal Dialysis Training And/or Counseling	CPT-4	Procedure
OTY10Z0	Dialysis training, patient, including helper where applicable, any mode, course not completed, per training session	CPT-4	Procedure
OTY10Z1	Supervision Of Chronic Ambulatory Peritoneal Dialysis (capd), Home Or Out-patient (monthly)	CPT-4	Procedure
OTY10Z2	End Stage Renal Disease (esrd) Related Services, Per Full Month	CPT-4	Procedure
4052F	Continuous Arteriovenous Hemofiltration (cavh) (per Day)	CPT-4	Procedure
4053F	End Stage Renal Disease (esrd) Related Services (less Than Full Month), Per Day	CPT-4	Procedure
4054F	Unlisted dialysis procedure, inpatient or outpatient	CPT-4	Procedure
4055F	Home visit for hemodialysis	CPT-4	Procedure
A4655	Home infusion of peritoneal dialysis, per visit	CPT-4	Procedure
A4672	Hemodialysis plan of care documented (ESRD, P-ESRD)	CPT-2	Procedure
A4690	Reposition Right Kidney, Open Approach	ICD-10-PCS	Procedure
A4700	Reposition Left Kidney, Open Approach	ICD-10-PCS	Procedure
A4705	Resection of Right Kidney, Open Approach	ICD-10-PCS	Procedure
A4720	Resection of Right Kidney, Open Approach	ICD-10-PCS	Procedure
A4721	Resection of Right Kidney, Open Approach	ICD-10-PCS	Procedure
A4722	Resection of Right Kidney, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
A4723	Resection of Right Kidney, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
A4724	Resection of Right Kidney, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
A4725	Resection of Left Kidney, Open Approach	ICD-10-PCS	Procedure
A4726	Resection of Left Kidney, Open Approach	ICD-10-PCS	Procedure
A4728	Resection of Left Kidney, Open Approach	ICD-10-PCS	Procedure
A4760	Resection of Left Kidney, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
A4765	Resection of Left Kidney, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
A4766	Resection of Left Kidney, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
A4780	Resection of Bilateral Kidneys, Open Approach	ICD-10-PCS	Procedure
A4790	Resection of Bilateral Kidneys, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
A4800	Resection of Right Ureter, Open Approach	ICD-10-PCS	Procedure
A4820	Resection of Right Ureter, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
A4910	Resection of Right Ureter, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
A4913	Resection of Right Ureter, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
A4919	Resection of Left Ureter, Open Approach	ICD-10-PCS	Procedure
A4929	Resection of Left Ureter, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
C1037	Resection of Left Ureter, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
C1750	Resection of Left Ureter, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
C1752	Transplantation of Right Kidney, Allogeneic, Open Approach	ICD-10-PCS	Procedure
C1881	Transplantation of Right Kidney, Syngeneic, Open Approach	ICD-10-PCS	Procedure
E1510	Transplantation of Right Kidney, Zooplastic, Open Approach	ICD-10-PCS	Procedure
E1570	Transplantation of Left Kidney, Allogeneic, Open Approach	ICD-10-PCS	Procedure
E1590	Transplantation of Left Kidney, Syngeneic, Open Approach	ICD-10-PCS	Procedure
E1592	Transplantation of Left Kidney, Zooplastic, Open Approach	ICD-10-PCS	Procedure
E1594	Hemodialysis via functioning arteriovenous (AV) fistula (ESRD)	CPT-2	Procedure
E1632	Hemodialysis via functioning arteriovenous (AV) graft (ESRD)	CPT-2	Procedure
E1634	Hemodialysis via catheter (ESRD)	CPT-2	Procedure
E1635	Patient receiving peritoneal dialysis (ESRD)	CPT-2	Procedure
E1638	Needles and syringes for dialysis	HCPCS	Procedure
E1699	Drainage extension line, sterile, for dialysis, each	HCPCS	Procedure
G0257	Dialyzer (artificial kidneys), all types, all sizes, for hemodialysis, each	HCPCS	Procedure
G0321	Standard dialysate solution, each	HCPCS	Procedure
G0322	Bicarbonate dialysate solution, each	HCPCS	Procedure
G0323	Dialysate solution, any concentration of dextrose, fluid volume greater than 249 cc, but less than or equal to 999 cc, for peritoneal dialysis	HCPCS	Procedure
G0324	Dialysate solution, any concentration of dextrose, fluid volume greater than 999 cc but less than or equal to 1999 cc, for peritoneal dialysis	HCPCS	Procedure
G0325	Dialysate solution, any concentration of dextrose, fluid volume greater than 1999 cc but less than or equal to 2999 cc, for peritoneal dialysis	HCPCS	Procedure
G0326	Dialysate solution, any concentration of dextrose, fluid volume greater than 2999 cc but less than or equal to 3999 cc, for peritoneal dialysis	HCPCS	Procedure
G0327	Dialysate solution, any concentration of dextrose, fluid volume greater than 3999 cc but less than or equal to 4999 cc, for peritoneal dialysis	HCPCS	Procedure

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Code	Description	Code Type	Code Category
G8075	Dialysate solution, any concentration of dextrose, fluid volume greater than 4999 cc but less than or equal to 5999 cc, for peritoneal dialysis	HCPCS	Procedure
G8076	Dialysate solution, any concentration of dextrose, fluid volume greater than 5999 cc, for peritoneal dialysis	HCPCS	Procedure
G8081	Dialysate solution, nondextrose containing, 500 ml	HCPCS	Procedure
G8082	Dialysate solution test kit, for peritoneal dialysis, any type, each	HCPCS	Procedure
G8085	Dialysate concentrate, powder, additive for peritoneal dialysis, per packet	HCPCS	Procedure
G8714	Dialysate concentrate, solution, additive for peritoneal dialysis, per 10 ml	HCPCS	Procedure
G8715	Sterilizing agent for dialysis equipment, per gallon	HCPCS	Procedure
G8727	Cleansing agents for equipment for dialysis only	HCPCS	Procedure
G9231	Heparin for dialysis and antidote, any strength, porcine or beef, up to 1000 units, 10-30 ml (for parenteral use see b4216)	HCPCS	Procedure
J0882	Hemodialysis kit supplies	HCPCS	Procedure
J0886	Non-medical supplies for dialysis, (i.e., scale, scissors, stopwatch, etc.)	HCPCS	Procedure
J0887	Miscellaneous dialysis supplies, not otherwise specified	HCPCS	Procedure
K0610	Dialyzer holder, each	HCPCS	Procedure
K0612	Tourniquet for dialysis, each	HCPCS	Procedure
Q4054	Catheter, hemodialysis/peritoneal, long-term	HCPCS	Procedure
Q4055	Catheter, hemodialysis/peritoneal, short-term	HCPCS	Procedure
Q4081	Dialysis access system (implantable)	HCPCS	Procedure
Q9972	Kidney, dialysate delivery system kidney machine, pump recirculating, air removal system, flowrate meter, power off, heater and temperature control with alarm, IV poles, pressure gauge, concentrate container	HCPCS	Procedure
S9335	Adjustable chair, for ESRD patients	HCPCS	Procedure
S9339	Hemodialysis machine	HCPCS	Procedure
0507F	Automatic intermittent peritoneal dialysis system	HCPCS	Procedure
36145	Cycler dialysis machine for peritoneal dialysis	HCPCS	Procedure
36800	Wearable artificial kidney, each	HCPCS	Procedure
36810	Peritoneal dialysis clamps, each	HCPCS	Procedure
49421	Compact (portable) travel hemodialyzer system	HCPCS	Procedure
031209D	Heating pad, for peritoneal dialysis, any size, each	HCPCS	Procedure
031209F	Dialysis equipment, not otherwise specified	HCPCS	Procedure
03120AD	Unscheduled or emergency dialysis treatment for an ESRD patient in a hospital outpatient department that is not certified as an ESRD facility	HCPCS	Procedure
03120JD	End Stage Renal disease (ESRD) related services for home dialysis patients per full month; for patients 12 to 19 years of age to include monitoring for adequacy of nutrition, assessment of growth and development, and counseling of parents	HCPCS	Procedure
03120JF	End Stage Renal disease (ESRD) related services for home dialysis patients per full month; for patients 20 years of age and older	HCPCS	Procedure
03120ZD	ESRD related services for home dialysis (less than full month), per day; for patients between twelve and nineteen years of age	HCPCS	Procedure
03120ZF	ESRD related services for home dialysis (less than full month), per day; for patients twenty years of age and over	HCPCS	Procedure

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Code	Description	Code Type	Code Category
031309D	ESRD patient with documented dialysis dose of URR greater than or equal to 65% (or Kt/ V greater than or equal to 1.2)	HCPCS	Procedure
031309F	ESRD patient with documented dialysis dose of URR less than 65% (or Kt/V less than 1.2)	HCPCS	Procedure
03130AD	ESRD patient requiring hemodialysis vascular access documented to have received autogenous AV fistula	HCPCS	Procedure
03130AF	ESRD patient requiring hemodialysis documented to have received vascular access other than autogenous AV fistula	HCPCS	Procedure
03130JD	ESRD patient requiring hemodialysis vascular access was not an eligible candidate for autogenous AV fistula	HCPCS	Procedure
03130JF	Hemodialysis treatment performed exactly 3 times per week > 90 days	HCPCS	Procedure
03130KD	Hemodialysis treatment performed less than 3 times per week or greater than 3 times per week	HCPCS	Procedure
03130KF	Patient receiving hemodialysis, peritoneal dialysis or kidney transplantation	HCPCS	Procedure
03130ZD	Documentation of end stage renal disease (ESRD), dialysis, renal transplant before or during the measurement period or pregnancy during the measurement period	HCPCS	Procedure
03130ZF	Injection, darbepoetin alfa, 1 mcg (for ESRD on dialysis)	HCPCS	Procedure
031409D	Injection, epoetin alfa, 1000 units (for ESRD on dialysis)	HCPCS	Procedure
031409F	Injection, epoetin beta, 1 mcg, (for ESRD on dialysis)	HCPCS	Procedure
03140AD	Peritoneal dialysis clamp, each	HCPCS	Procedure
03140AF	Drainage extension line, sterile, for dialysis, each	HCPCS	Procedure
03140JD	Injection, ferumoxytol, for treatment of iron deficiency anemia, 1 mg (for ESRD on dialysis)	HCPCS	Procedure
03140JF	Injection, darbepoetin alfa, 1 mcg (for ESRD on dialysis)	HCPCS	Procedure
03140KD	Injection, epoetin alfa, 1000 units (for ESRD on dialysis)	HCPCS	Procedure
03140KF	Injection, epoetin alfa, 100 units (for ESRD on dialysis)	HCPCS	Procedure
03140ZD	Injection, epoetin beta, 1 microgram, (for ESRD on dialysis)	HCPCS	Procedure
03140ZF	Home therapy, hemodialysis; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing services coded separately), per diem	HCPCS	Procedure
031509D	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	HCPCS	Procedure
031509F	Hemodialysis plan of care documented (ESRD, P-ESRD)	CPT-4	Procedure
03150AD	Peritoneal dialysis plan of care documented (ESRD)	CPT-4	Procedure
03150AF	Introduction of needle or intracatheter; arteriovenous shunt created for dialysis (cannula, fistula, or graft)	CPT-4	Procedure
03150JD	Insertion of cannula for hemodialysis, other purpose (separate procedure); vein to vein	CPT-4	Procedure
03150JF	Insertion of cannula for hemodialysis, other purpose (separate procedure); arteriovenous, external (Scribner type)	CPT-4	Procedure
03150KD	Insertion of tunneled intraperitoneal catheter for dialysis, open	CPT-4	Procedure

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Code	Description	Code Type	Code Category
03150KF	Hemodialysis procedure with single evaluation by a physician or other qualified health care professional	CPT-4	Procedure
03150ZD	Hemodialysis procedure requiring repeated evaluation(s) with or without substantial revision of dialysis prescription	CPT-4	Procedure
03150ZF	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	CPT-4	Procedure
031609D	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 re	CPT-4	Procedure
031609F	Dialysis training, patient, including helper where applicable, any mode, completed course	CPT-4	Procedure
03160AD	Dialysis training, patient, including helper where applicable, any mode, course not completed, per training session	CPT-4	Procedure
03160AF	Unlisted dialysis procedure, inpatient or outpatient	CPT-4	Procedure
03160JD	Bypass Innominate Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach	ICD-10-PCS	Procedure
03160JF	Bypass Innominate Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	ICD-10-PCS	Procedure
03160KD	Bypass Innominate Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach	ICD-10-PCS	Procedure
03160KF	Bypass Innominate Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	ICD-10-PCS	Procedure
03160ZD	Bypass Innominate Artery to Upper Arm Vein with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
03160ZF	Bypass Innominate Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
031709D	Bypass Innominate Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
031709F	Bypass Innominate Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
03170AD	Bypass Innominate Artery to Upper Arm Vein, Open Approach	ICD-10-PCS	Procedure
03170AF	Bypass Innominate Artery to Lower Arm Vein, Open Approach	ICD-10-PCS	Procedure
03170JD	Bypass Right Subclavian Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach	ICD-10-PCS	Procedure
03170JF	Bypass Right Subclavian Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	ICD-10-PCS	Procedure
03170KD	Bypass Right Subclavian Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach	ICD-10-PCS	Procedure
03170KF	Bypass Right Subclavian Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	ICD-10-PCS	Procedure
03170ZD	Bypass Right Subclavian Artery to Upper Arm Vein with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
03170ZF	Bypass Right Subclavian Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
031809D	Bypass Right Subclavian Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
031809F	Bypass Right Subclavian Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
03180AD	Bypass Right Subclavian Artery to Upper Arm Vein, Open Approach	ICD-10-PCS	Procedure
03180AF	Bypass Right Subclavian Artery to Upper Arm Vein, Open Approach	ICD-10-PCS	Procedure
03180JD	Bypass Right Subclavian Artery to Lower Arm Vein, Open Approach	ICD-10-PCS	Procedure
03180JF	Bypass Left Subclavian Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach	ICD-10-PCS	Procedure
03180KD	Bypass Left Subclavian Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	ICD-10-PCS	Procedure
03180KF	Bypass Left Subclavian Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach	ICD-10-PCS	Procedure
03180ZD	Bypass Left Subclavian Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	ICD-10-PCS	Procedure
03180ZF	Bypass Left Subclavian Artery to Upper Arm Vein with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
031909F	Bypass Left Subclavian Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
03190AF	Bypass Left Subclavian Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
03190JF	Bypass Left Subclavian Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
03190KF	Bypass Left Subclavian Artery to Upper Arm Vein, Open Approach	ICD-10-PCS	Procedure
03190ZF	Bypass Left Subclavian Artery to Upper Arm Vein, Open Approach	ICD-10-PCS	Procedure
031A09F	Bypass Left Subclavian Artery to Lower Arm Vein, Open Approach	ICD-10-PCS	Procedure
031A0AF	Bypass Right Axillary Artery to Upper Arm Vein with Autologous Venous Tissue, Open Approach	ICD-10-PCS	Procedure
031A0JF	Bypass Right Axillary Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	ICD-10-PCS	Procedure
031A0KF	Bypass Right Axillary Artery to Upper Arm Vein with Autologous Arterial Tissue, Open Approach	ICD-10-PCS	Procedure
031A0ZF	Bypass Right Axillary Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	ICD-10-PCS	Procedure
031B09F	Bypass Right Axillary Artery to Upper Arm Vein with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
031B0AF	Bypass Right Axillary Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
031B0JF	Bypass Right Axillary Artery to Upper Arm Vein with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
031B0KF	Bypass Right Radial Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
031B0ZF	Bypass Right Radial Artery to Lower Arm Vein, Open Approach	ICD-10-PCS	Procedure
031C09F	Bypass Left Radial Artery to Lower Arm Vein with Autologous Venous Tissue, Open Approach	ICD-10-PCS	Procedure
031C0AF	Bypass Left Radial Artery to Lower Arm Vein with Autologous Arterial Tissue, Open Approach	ICD-10-PCS	Procedure
031C0JF	Bypass Left Radial Artery to Lower Arm Vein with Synthetic Substitute, Open Approach	ICD-10-PCS	Procedure
031C0KF	Bypass Left Radial Artery to Lower Arm Vein with Nonautologous Tissue Substitute, Open Approach	ICD-10-PCS	Procedure
031C0ZF	Bypass Left Radial Artery to Lower Arm Vein, Open Approach	ICD-10-PCS	Procedure
3E1M39Z	Irrigation of Peritoneal Cavity using Dialysate, Percutaneous Approach	ICD-10-PCS	Procedure
5A1D00Z	Performance of Urinary Filtration, Single	ICD-10-PCS	Procedure
5A1D60Z	Performance of Urinary Filtration, Multiple	ICD-10-PCS	Procedure
031A0ZF	Bypass Left Ulnar Artery to Lower Arm Vein, Open Approach	ICD-10-PCS	Procedure
Heart Failure and Non-Ischemic Heart Disease			
I09.81	Rheumatic heart failure	ICD-10-CM	Diagnosis
I11.0	Hypertensive heart disease with heart failure	ICD-10-CM	Diagnosis
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	ICD-10-CM	Diagnosis
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	ICD-10-CM	Diagnosis
I42.0	Dilated cardiomyopathy	ICD-10-CM	Diagnosis
I42.5	Other restrictive cardiomyopathy	ICD-10-CM	Diagnosis
I42.6	Alcoholic cardiomyopathy	ICD-10-CM	Diagnosis
I42.7	Cardiomyopathy due to drug and external agent	ICD-10-CM	Diagnosis
I42.8	Other cardiomyopathies	ICD-10-CM	Diagnosis
I43	Cardiomyopathy in diseases classified elsewhere	ICD-10-CM	Diagnosis
I50.1	Left ventricular failure, unspecified	ICD-10-CM	Diagnosis
I50.20	Unspecified systolic (congestive) heart failure	ICD-10-CM	Diagnosis
I50.21	Acute systolic (congestive) heart failure	ICD-10-CM	Diagnosis
I50.22	Chronic systolic (congestive) heart failure	ICD-10-CM	Diagnosis
I50.23	Acute on chronic systolic (congestive) heart failure	ICD-10-CM	Diagnosis
I50.30	Unspecified diastolic (congestive) heart failure	ICD-10-CM	Diagnosis
I50.31	Acute diastolic (congestive) heart failure	ICD-10-CM	Diagnosis
I50.32	Chronic diastolic (congestive) heart failure	ICD-10-CM	Diagnosis
I50.33	Acute on chronic diastolic (congestive) heart failure	ICD-10-CM	Diagnosis
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM	Diagnosis
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM	Diagnosis
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM	Diagnosis
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
I50.810	Right heart failure, unspecified	ICD-10-CM	Diagnosis
I50.811	Acute right heart failure	ICD-10-CM	Diagnosis
I50.812	Chronic right heart failure	ICD-10-CM	Diagnosis
I50.813	Acute on chronic right heart failure	ICD-10-CM	Diagnosis
I50.814	Right heart failure due to left heart failure	ICD-10-CM	Diagnosis
I50.82	Biventricular heart failure	ICD-10-CM	Diagnosis
I50.83	High output heart failure	ICD-10-CM	Diagnosis
I50.84	End stage heart failure	ICD-10-CM	Diagnosis
I50.89	Other heart failure	ICD-10-CM	Diagnosis
I50.9	Heart failure, unspecified	ICD-10-CM	Diagnosis
Hyperlipidemia			
E78.0	Pure hypercholesterolemia	ICD-10-CM	Diagnosis
E78.00	Pure hypercholesterolemia, unspecified	ICD-10-CM	Diagnosis
E78.01	Familial hypercholesterolemia	ICD-10-CM	Diagnosis
E78.1	Pure hyperglyceridemia	ICD-10-CM	Diagnosis
E78.2	Mixed hyperlipidemia	ICD-10-CM	Diagnosis
E78.3	Hyperchylomicronemia	ICD-10-CM	Diagnosis
E78.4	Other hyperlipidemia	ICD-10-CM	Diagnosis
E78.41	Elevated Lipoprotein(a)	ICD-10-CM	Diagnosis
E78.49	Other hyperlipidemia	ICD-10-CM	Diagnosis
E78.5	Hyperlipidemia, unspecified	ICD-10-CM	Diagnosis
Hypertension			
H35.031	Hypertensive retinopathy, right eye	ICD-10-CM	Diagnosis
H35.032	Hypertensive retinopathy, left eye	ICD-10-CM	Diagnosis
H35.033	Hypertensive retinopathy, bilateral	ICD-10-CM	Diagnosis
H35.039	Hypertensive retinopathy, unspecified eye	ICD-10-CM	Diagnosis
I10	Essential (primary) hypertension	ICD-10-CM	Diagnosis
I11.0	Hypertensive heart disease with heart failure	ICD-10-CM	Diagnosis
I11.9	Hypertensive heart disease without heart failure	ICD-10-CM	Diagnosis
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	ICD-10-CM	Diagnosis
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	ICD-10-CM	Diagnosis
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	ICD-10-CM	Diagnosis
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	ICD-10-CM	Diagnosis
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	ICD-10-CM	Diagnosis
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	ICD-10-CM	Diagnosis
I15.0	Renovascular hypertension	ICD-10-CM	Diagnosis
I15.1	Hypertension secondary to other renal disorders	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
I15.2	Hypertension secondary to endocrine disorders	ICD-10-CM	Diagnosis
I15.8	Other secondary hypertension	ICD-10-CM	Diagnosis
I15.9	Secondary hypertension, unspecified	ICD-10-CM	Diagnosis
I1A.0	Resistant hypertension	ICD-10-CM	Diagnosis
I67.4	Hypertensive encephalopathy	ICD-10-CM	Diagnosis
N26.2	Page kidney	ICD-10-CM	Diagnosis
Ischemic Heart Disease			
I20.0	Unstable angina	ICD-10-CM	Diagnosis
I20.1	Angina pectoris with documented spasm	ICD-10-CM	Diagnosis
I20.2	Refractory angina pectoris	ICD-10-CM	Diagnosis
I20.8	Other forms of angina pectoris	ICD-10-CM	Diagnosis
I20.81	Angina pectoris with coronary microvascular dysfunction	ICD-10-CM	Diagnosis
I20.89	Other forms of angina pectoris	ICD-10-CM	Diagnosis
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	ICD-10-CM	Diagnosis
I24.1	Dressler's syndrome	ICD-10-CM	Diagnosis
I24.8	Other forms of acute ischemic heart disease	ICD-10-CM	Diagnosis
I24.81	Acute coronary microvascular dysfunction	ICD-10-CM	Diagnosis
I24.89	Other forms of acute ischemic heart disease	ICD-10-CM	Diagnosis
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	ICD-10-CM	Diagnosis
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris	ICD-10-CM	Diagnosis
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm	ICD-10-CM	Diagnosis
I25.112	Atherosclerotic heart disease of native coronary artery with refractory angina	ICD-10-CM	Diagnosis
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris	ICD-10-CM	Diagnosis
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris	ICD-10-CM	Diagnosis
I25.3	Aneurysm of heart	ICD-10-CM	Diagnosis
I25.41	Coronary artery aneurysm	ICD-10-CM	Diagnosis
I25.42	Coronary artery dissection	ICD-10-CM	Diagnosis
I25.5	Ischemic cardiomyopathy	ICD-10-CM	Diagnosis
I25.6	Silent myocardial ischemia	ICD-10-CM	Diagnosis
I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris	ICD-10-CM	Diagnosis
I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm	ICD-10-CM	Diagnosis
I25.702	Atherosclerosis of coronary artery bypass graft(s), unspecified, with refractory angina pectoris	ICD-10-CM	Diagnosis
I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris	ICD-10-CM	Diagnosis
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm	ICD-10-CM	Diagnosis
I25.712	Atherosclerosis of autologous vein coronary artery bypass graft(s) with refractory angina pectoris	ICD-10-CM	Diagnosis
I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris	ICD-10-CM	Diagnosis
I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris	ICD-10-CM	Diagnosis
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris	ICD-10-CM	Diagnosis
I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm	ICD-10-CM	Diagnosis
I25.722	Atherosclerosis of autologous artery coronary artery bypass graft(s) with refractory angina pectoris	ICD-10-CM	Diagnosis
I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris	ICD-10-CM	Diagnosis
I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris	ICD-10-CM	Diagnosis
I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris	ICD-10-CM	Diagnosis
I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm	ICD-10-CM	Diagnosis
I25.732	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with refractory angina pectoris	ICD-10-CM	Diagnosis
I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris	ICD-10-CM	Diagnosis
I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris	ICD-10-CM	Diagnosis
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina	ICD-10-CM	Diagnosis
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm	ICD-10-CM	Diagnosis
I25.752	Atherosclerosis of native coronary artery of transplanted heart with refractory angina pectoris	ICD-10-CM	Diagnosis
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris	ICD-10-CM	Diagnosis
I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris	ICD-10-CM	Diagnosis
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina	ICD-10-CM	Diagnosis
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm	ICD-10-CM	Diagnosis
I25.762	Atherosclerosis of bypass graft of coronary artery of transplanted heart with refractory angina pectoris	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris	ICD-10-CM	Diagnosis
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris	ICD-10-CM	Diagnosis
I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris	ICD-10-CM	Diagnosis
I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm	ICD-10-CM	Diagnosis
I25.792	Atherosclerosis of other coronary artery bypass graft(s) with refractory angina pectoris	ICD-10-CM	Diagnosis
I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris	ICD-10-CM	Diagnosis
I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris	ICD-10-CM	Diagnosis
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	ICD-10-CM	Diagnosis
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	ICD-10-CM	Diagnosis
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	ICD-10-CM	Diagnosis
I25.82	Chronic total occlusion of coronary artery	ICD-10-CM	Diagnosis
I25.83	Coronary atherosclerosis due to lipid rich plaque	ICD-10-CM	Diagnosis
I25.84	Coronary atherosclerosis due to calcified coronary lesion	ICD-10-CM	Diagnosis
I25.85	Chronic coronary microvascular dysfunction	ICD-10-CM	Diagnosis
I25.89	Other forms of chronic ischemic heart disease	ICD-10-CM	Diagnosis
I25.9	Chronic ischemic heart disease, unspecified	ICD-10-CM	Diagnosis
Stroke/Transient Ischemic Attack			
G45.0	Vertebro-basilar artery syndrome	ICD-10-CM	Diagnosis
G45.1	Carotid artery syndrome (hemispheric)	ICD-10-CM	Diagnosis
G45.2	Multiple and bilateral precerebral artery syndromes	ICD-10-CM	Diagnosis
G45.3	Amaurosis fugax	ICD-10-CM	Diagnosis
G45.8	Other transient cerebral ischemic attacks and related syndromes	ICD-10-CM	Diagnosis
G45.9	Transient cerebral ischemic attack, unspecified	ICD-10-CM	Diagnosis
G46.0	Middle cerebral artery syndrome	ICD-10-CM	Diagnosis
G46.1	Anterior cerebral artery syndrome	ICD-10-CM	Diagnosis
G46.2	Posterior cerebral artery syndrome	ICD-10-CM	Diagnosis
G46.3	Brain stem stroke syndrome	ICD-10-CM	Diagnosis
G46.4	Cerebellar stroke syndrome	ICD-10-CM	Diagnosis
G46.5	Pure motor lacunar syndrome	ICD-10-CM	Diagnosis
G46.6	Pure sensory lacunar syndrome	ICD-10-CM	Diagnosis
G46.7	Other lacunar syndromes	ICD-10-CM	Diagnosis
G46.8	Other vascular syndromes of brain in cerebrovascular diseases	ICD-10-CM	Diagnosis
G97.31	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating a nervous system procedure	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
G97.32	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating other procedure	ICD-10-CM	Diagnosis
I60.00	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation	ICD-10-CM	Diagnosis
I60.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation	ICD-10-CM	Diagnosis
I60.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	ICD-10-CM	Diagnosis
I60.10	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery	ICD-10-CM	Diagnosis
I60.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	ICD-10-CM	Diagnosis
I60.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	ICD-10-CM	Diagnosis
I60.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	ICD-10-CM	Diagnosis
I60.20	Nontraumatic subarachnoid hemorrhage from unspecified anterior communicating artery	ICD-10-CM	Diagnosis
I60.21	Nontraumatic subarachnoid hemorrhage from right anterior communicating artery	ICD-10-CM	Diagnosis
I60.22	Nontraumatic subarachnoid hemorrhage from left anterior communicating artery	ICD-10-CM	Diagnosis
I60.30	Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery	ICD-10-CM	Diagnosis
I60.31	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery	ICD-10-CM	Diagnosis
I60.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery	ICD-10-CM	Diagnosis
I60.4	Nontraumatic subarachnoid hemorrhage from basilar artery	ICD-10-CM	Diagnosis
I60.50	Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	ICD-10-CM	Diagnosis
I60.51	Nontraumatic subarachnoid hemorrhage from right vertebral artery	ICD-10-CM	Diagnosis
I60.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery	ICD-10-CM	Diagnosis
I60.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	ICD-10-CM	Diagnosis
I60.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	ICD-10-CM	Diagnosis
I60.8	Other nontraumatic subarachnoid hemorrhage	ICD-10-CM	Diagnosis
I60.9	Nontraumatic subarachnoid hemorrhage, unspecified	ICD-10-CM	Diagnosis
I61.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	ICD-10-CM	Diagnosis
I61.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	ICD-10-CM	Diagnosis
I61.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	ICD-10-CM	Diagnosis
I61.3	Nontraumatic intracerebral hemorrhage in brain stem	ICD-10-CM	Diagnosis
I61.4	Nontraumatic intracerebral hemorrhage in cerebellum	ICD-10-CM	Diagnosis
I61.5	Nontraumatic intracerebral hemorrhage, intraventricular	ICD-10-CM	Diagnosis
I61.6	Nontraumatic intracerebral hemorrhage, multiple localized	ICD-10-CM	Diagnosis
I61.8	Other nontraumatic intracerebral hemorrhage	ICD-10-CM	Diagnosis
I61.9	Nontraumatic intracerebral hemorrhage, unspecified	ICD-10-CM	Diagnosis
I62.00	Nontraumatic subdural hemorrhage, unspecified	ICD-10-CM	Diagnosis
I62.01	Nontraumatic acute subdural hemorrhage	ICD-10-CM	Diagnosis
I62.02	Nontraumatic subacute subdural hemorrhage	ICD-10-CM	Diagnosis
I62.9	Nontraumatic intracranial hemorrhage, unspecified	ICD-10-CM	Diagnosis
I63.00	Cerebral infarction due to thrombosis of unspecified precerebral artery	ICD-10-CM	Diagnosis
I63.011	Cerebral infarction due to thrombosis of right vertebral artery	ICD-10-CM	Diagnosis
I63.012	Cerebral infarction due to thrombosis of left vertebral artery	ICD-10-CM	Diagnosis
I63.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
I63.019	Cerebral infarction due to thrombosis of unspecified vertebral artery	ICD-10-CM	Diagnosis
I63.02	Cerebral infarction due to thrombosis of basilar artery	ICD-10-CM	Diagnosis
I63.031	Cerebral infarction due to thrombosis of right carotid artery	ICD-10-CM	Diagnosis
I63.032	Cerebral infarction due to thrombosis of left carotid artery	ICD-10-CM	Diagnosis
I63.033	Cerebral infarction due to thrombosis of bilateral carotid arteries	ICD-10-CM	Diagnosis
I63.039	Cerebral infarction due to thrombosis of unspecified carotid artery	ICD-10-CM	Diagnosis
I63.09	Cerebral infarction due to thrombosis of other precerebral artery	ICD-10-CM	Diagnosis
I63.10	Cerebral infarction due to embolism of unspecified precerebral artery	ICD-10-CM	Diagnosis
I63.111	Cerebral infarction due to embolism of right vertebral artery	ICD-10-CM	Diagnosis
I63.112	Cerebral infarction due to embolism of left vertebral artery	ICD-10-CM	Diagnosis
I63.113	Cerebral infarction due to embolism of bilateral vertebral arteries	ICD-10-CM	Diagnosis
I63.119	Cerebral infarction due to embolism of unspecified vertebral artery	ICD-10-CM	Diagnosis
I63.12	Cerebral infarction due to embolism of basilar artery	ICD-10-CM	Diagnosis
I63.131	Cerebral infarction due to embolism of right carotid artery	ICD-10-CM	Diagnosis
I63.132	Cerebral infarction due to embolism of left carotid artery	ICD-10-CM	Diagnosis
I63.133	Cerebral infarction due to embolism of bilateral carotid arteries	ICD-10-CM	Diagnosis
I63.139	Cerebral infarction due to embolism of unspecified carotid artery	ICD-10-CM	Diagnosis
I63.19	Cerebral infarction due to embolism of other precerebral artery	ICD-10-CM	Diagnosis
I63.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries	ICD-10-CM	Diagnosis
I63.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery	ICD-10-CM	Diagnosis
I63.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery	ICD-10-CM	Diagnosis
I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries	ICD-10-CM	Diagnosis
I63.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral artery	ICD-10-CM	Diagnosis
I63.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery	ICD-10-CM	Diagnosis
I63.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries	ICD-10-CM	Diagnosis
I63.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries	ICD-10-CM	Diagnosis
I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries	ICD-10-CM	Diagnosis
I63.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid artery	ICD-10-CM	Diagnosis
I63.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries	ICD-10-CM	Diagnosis
I63.30	Cerebral infarction due to thrombosis of unspecified cerebral artery	ICD-10-CM	Diagnosis
I63.311	Cerebral infarction due to thrombosis of right middle cerebral artery	ICD-10-CM	Diagnosis
I63.312	Cerebral infarction due to thrombosis of left middle cerebral artery	ICD-10-CM	Diagnosis
I63.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries	ICD-10-CM	Diagnosis
I63.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery	ICD-10-CM	Diagnosis
I63.321	Cerebral infarction due to thrombosis of right anterior cerebral artery	ICD-10-CM	Diagnosis
I63.322	Cerebral infarction due to thrombosis of left anterior cerebral artery	ICD-10-CM	Diagnosis
I63.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
I63.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	ICD-10-CM	Diagnosis
I63.331	Cerebral infarction due to thrombosis of right posterior cerebral artery	ICD-10-CM	Diagnosis
I63.332	Cerebral infarction due to thrombosis of left posterior cerebral artery	ICD-10-CM	Diagnosis
I63.333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries	ICD-10-CM	Diagnosis
I63.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery	ICD-10-CM	Diagnosis
I63.341	Cerebral infarction due to thrombosis of right cerebellar artery	ICD-10-CM	Diagnosis
I63.342	Cerebral infarction due to thrombosis of left cerebellar artery	ICD-10-CM	Diagnosis
I63.343	Cerebral infarction due to thrombosis of bilateral cerebellar arteries	ICD-10-CM	Diagnosis
I63.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	ICD-10-CM	Diagnosis
I63.39	Cerebral infarction due to thrombosis of other cerebral artery	ICD-10-CM	Diagnosis
I63.40	Cerebral infarction due to embolism of unspecified cerebral artery	ICD-10-CM	Diagnosis
I63.411	Cerebral infarction due to embolism of right middle cerebral artery	ICD-10-CM	Diagnosis
I63.412	Cerebral infarction due to embolism of left middle cerebral artery	ICD-10-CM	Diagnosis
I63.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	ICD-10-CM	Diagnosis
I63.419	Cerebral infarction due to embolism of unspecified middle cerebral artery	ICD-10-CM	Diagnosis
I63.421	Cerebral infarction due to embolism of right anterior cerebral artery	ICD-10-CM	Diagnosis
I63.422	Cerebral infarction due to embolism of left anterior cerebral artery	ICD-10-CM	Diagnosis
I63.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	ICD-10-CM	Diagnosis
I63.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	ICD-10-CM	Diagnosis
I63.431	Cerebral infarction due to embolism of right posterior cerebral artery	ICD-10-CM	Diagnosis
I63.432	Cerebral infarction due to embolism of left posterior cerebral artery	ICD-10-CM	Diagnosis
I63.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	ICD-10-CM	Diagnosis
I63.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	ICD-10-CM	Diagnosis
I63.441	Cerebral infarction due to embolism of right cerebellar artery	ICD-10-CM	Diagnosis
I63.442	Cerebral infarction due to embolism of left cerebellar artery	ICD-10-CM	Diagnosis
I63.443	Cerebral infarction due to embolism of bilateral cerebellar arteries	ICD-10-CM	Diagnosis
I63.449	Cerebral infarction due to embolism of unspecified cerebellar artery	ICD-10-CM	Diagnosis
I63.49	Cerebral infarction due to embolism of other cerebral artery	ICD-10-CM	Diagnosis
I63.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery	ICD-10-CM	Diagnosis
I63.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery	ICD-10-CM	Diagnosis
I63.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	ICD-10-CM	Diagnosis
I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries	ICD-10-CM	Diagnosis
I63.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	ICD-10-CM	Diagnosis
I63.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	ICD-10-CM	Diagnosis
I63.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries	ICD-10-CM	Diagnosis
I63.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	ICD-10-CM	Diagnosis
I63.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	ICD-10-CM	Diagnosis
I63.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery	ICD-10-CM	Diagnosis
I63.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries	ICD-10-CM	Diagnosis
I63.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery	ICD-10-CM	Diagnosis
I63.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery	ICD-10-CM	Diagnosis
I63.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery	ICD-10-CM	Diagnosis
I63.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries	ICD-10-CM	Diagnosis
I63.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery	ICD-10-CM	Diagnosis
I63.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	ICD-10-CM	Diagnosis
I63.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	ICD-10-CM	Diagnosis
I63.8	Other cerebral infarction	ICD-10-CM	Diagnosis
I63.81	Other cerebral infarction due to occlusion or stenosis of small artery	ICD-10-CM	Diagnosis
I63.89	Other cerebral infarction	ICD-10-CM	Diagnosis
I63.9	Cerebral infarction, unspecified	ICD-10-CM	Diagnosis
I67.841	Reversible cerebrovascular vasoconstriction syndrome	ICD-10-CM	Diagnosis
I67.848	Other cerebrovascular vasospasm and vasoconstriction	ICD-10-CM	Diagnosis
I67.89	Other cerebrovascular disease	ICD-10-CM	Diagnosis
I97.810	Intraoperative cerebrovascular infarction during cardiac surgery	ICD-10-CM	Diagnosis
I97.811	Intraoperative cerebrovascular infarction during other surgery	ICD-10-CM	Diagnosis
I97.820	Postprocedural cerebrovascular infarction following cardiac surgery	ICD-10-CM	Diagnosis
I97.821	Postprocedural cerebrovascular infarction following other surgery	ICD-10-CM	Diagnosis
Acute Lymphoblastic Leukemia			
C91.00	Acute lymphoblastic leukemia not having achieved remission	ICD-10-CM	Diagnosis
C91.01	Acute lymphoblastic leukemia, in remission	ICD-10-CM	Diagnosis
C91.02	Acute lymphoblastic leukemia, in relapse	ICD-10-CM	Diagnosis
Addison's Disease			
E27.1	Primary adrenocortical insufficiency	ICD-10-CM	Diagnosis
E27.2	Addisonian crisis	ICD-10-CM	Diagnosis
E27.3	Drug-induced adrenocortical insufficiency	ICD-10-CM	Diagnosis
E27.40	Unspecified adrenocortical insufficiency	ICD-10-CM	Diagnosis
E27.49	Other adrenocortical insufficiency	ICD-10-CM	Diagnosis
E89.6	Postprocedural adrenocortical (-medullary) hypofunction	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Alcohol Use Disorders			
F10.10	Alcohol abuse, uncomplicated	ICD-10-CM	Diagnosis
F10.11	Alcohol abuse, in remission	ICD-10-CM	Diagnosis
F10.120	Alcohol abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F10.121	Alcohol abuse with intoxication delirium	ICD-10-CM	Diagnosis
F10.129	Alcohol abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F10.14	Alcohol abuse with alcohol-induced mood disorder	ICD-10-CM	Diagnosis
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	ICD-10-CM	Diagnosis
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	ICD-10-CM	Diagnosis
F10.182	Alcohol abuse with alcohol-induced sleep disorder	ICD-10-CM	Diagnosis
F10.188	Alcohol abuse with other alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.20	Alcohol dependence, uncomplicated	ICD-10-CM	Diagnosis
F10.21	Alcohol dependence, in remission	ICD-10-CM	Diagnosis
F10.220	Alcohol dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F10.221	Alcohol dependence with intoxication delirium	ICD-10-CM	Diagnosis
F10.229	Alcohol dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F10.230	Alcohol dependence with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F10.231	Alcohol dependence with withdrawal delirium	ICD-10-CM	Diagnosis
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F10.239	Alcohol dependence with withdrawal, unspecified	ICD-10-CM	Diagnosis
F10.24	Alcohol dependence with alcohol-induced mood disorder	ICD-10-CM	Diagnosis
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F10.26	Alcohol dependence with alcohol-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F10.27	Alcohol dependence with alcohol-induced persisting dementia	ICD-10-CM	Diagnosis
F10.280	Alcohol dependence with alcohol-induced anxiety disorder	ICD-10-CM	Diagnosis
F10.281	Alcohol dependence with alcohol-induced sexual dysfunction	ICD-10-CM	Diagnosis
F10.282	Alcohol dependence with alcohol-induced sleep disorder	ICD-10-CM	Diagnosis
F10.288	Alcohol dependence with other alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.29	Alcohol dependence with unspecified alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.920	Alcohol use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F10.921	Alcohol use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F10.929	Alcohol use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F10.94	Alcohol use, unspecified with alcohol-induced mood disorder	ICD-10-CM	Diagnosis
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnesic disorder	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	ICD-10-CM	Diagnosis
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	ICD-10-CM	Diagnosis
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	ICD-10-CM	Diagnosis
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	ICD-10-CM	Diagnosis
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	ICD-10-CM	Diagnosis
G62.1	Alcoholic polyneuropathy	ICD-10-CM	Diagnosis
I42.6	Alcoholic cardiomyopathy	ICD-10-CM	Diagnosis
K70.0	Alcoholic fatty liver	ICD-10-CM	Diagnosis
K70.10	Alcoholic hepatitis without ascites	ICD-10-CM	Diagnosis
K70.11	Alcoholic hepatitis with ascites	ICD-10-CM	Diagnosis
K70.2	Alcoholic fibrosis and sclerosis of liver	ICD-10-CM	Diagnosis
K70.30	Alcoholic cirrhosis of liver without ascites	ICD-10-CM	Diagnosis
K70.31	Alcoholic cirrhosis of liver with ascites	ICD-10-CM	Diagnosis
K70.40	Alcoholic hepatic failure without coma	ICD-10-CM	Diagnosis
K70.41	Alcoholic hepatic failure with coma	ICD-10-CM	Diagnosis
K70.9	Alcoholic liver disease, unspecified	ICD-10-CM	Diagnosis
Z65.8	Other specified problems related to psychosocial circumstances	ICD-10-CM	Diagnosis
F10.130	Alcohol abuse with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F10.131	Alcohol abuse with withdrawal delirium	ICD-10-CM	Diagnosis
F10.132	Alcohol abuse with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F10.139	Alcohol abuse with withdrawal, unspecified	ICD-10-CM	Diagnosis
F10.930	Alcohol use, unspecified with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F10.931	Alcohol use, unspecified with withdrawal delirium	ICD-10-CM	Diagnosis
F10.932	Alcohol use, unspecified with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F10.939	Alcohol use, unspecified with withdrawal, unspecified	ICD-10-CM	Diagnosis
K29.20	Alcoholic gastritis without bleeding	ICD-10-CM	Diagnosis
K29.21	Alcoholic gastritis with bleeding	ICD-10-CM	Diagnosis
P04.3	Newborn affected by maternal use of alcohol	ICD-10-CM	Diagnosis
Q86.0	Fetal alcohol syndrome (dysmorphic)	ICD-10-CM	Diagnosis
T51.0X1A	Toxic effect of ethanol, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T51.0X2A	Toxic effect of ethanol, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T51.0X3A	Toxic effect of ethanol, assault, initial encounter	ICD-10-CM	Diagnosis
T51.0X4A	Toxic effect of ethanol, undetermined, initial encounter	ICD-10-CM	Diagnosis
Z71.41	Alcohol abuse counseling and surveillance of alcoholic	ICD-10-CM	Diagnosis
Z71.42	Counseling for family member of alcoholic	ICD-10-CM	Diagnosis
HZ2ZZZZ	Detoxification Services for Substance Abuse Treatment	ICD-10-PCS	Procedure
HZ30ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive	ICD-10-PCS	Procedure
HZ31ZZZ	Individual Counseling for Substance Abuse Treatment, Behavioral	ICD-10-PCS	Procedure
HZ32ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive-Behavioral	ICD-10-PCS	Procedure
HZ33ZZZ	Individual Counseling for Substance Abuse Treatment, 12-Step	ICD-10-PCS	Procedure
HZ34ZZZ	Individual Counseling for Substance Abuse Treatment, Interpersonal	ICD-10-PCS	Procedure
HZ35ZZZ	Individual Counseling for Substance Abuse Treatment, Vocational	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
HZ36ZZZ	Individual Counseling for Substance Abuse Treatment, Psychoeducation	ICD-10-PCS	Procedure
HZ37ZZZ	Individual Counseling for Substance Abuse Treatment, Motivational Enhancement	ICD-10-PCS	Procedure
HZ38ZZZ	Individual Counseling for Substance Abuse Treatment, Confrontational	ICD-10-PCS	Procedure
HZ39ZZZ	Individual Counseling for Substance Abuse Treatment, Continuing Care	ICD-10-PCS	Procedure
HZ3BZZZ	Individual Counseling for Substance Abuse Treatment, Spiritual	ICD-10-PCS	Procedure
HZ40ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive	ICD-10-PCS	Procedure
HZ93ZZZ	Pharmacotherapy for Substance Abuse Treatment, Antabuse	ICD-10-PCS	Procedure
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	ICD-10-PCS	Procedure
Alzheimer's Disease			
G30.0	Alzheimer's disease with early onset	ICD-10-CM	Diagnosis
G30.1	Alzheimer's disease with late onset	ICD-10-CM	Diagnosis
G30.8	Other Alzheimer's disease	ICD-10-CM	Diagnosis
G30.9	Alzheimer's disease, unspecified	ICD-10-CM	Diagnosis
Anemia			
C94.6	Myelodysplastic disease, not elsewhere classified	ICD-10-CM	Diagnosis
D46.0	Refractory anemia without ring sideroblasts, so stated	ICD-10-CM	Diagnosis
D46.1	Refractory anemia with ring sideroblasts	ICD-10-CM	Diagnosis
D46.20	Refractory anemia with excess of blasts, unspecified	ICD-10-CM	Diagnosis
D46.21	Refractory anemia with excess of blasts 1	ICD-10-CM	Diagnosis
D46.22	Refractory anemia with excess of blasts 2	ICD-10-CM	Diagnosis
D46.4	Refractory anemia, unspecified	ICD-10-CM	Diagnosis
D46.9	Myelodysplastic syndrome, unspecified	ICD-10-CM	Diagnosis
D46.A	Refractory cytopenia with multilineage dysplasia	ICD-10-CM	Diagnosis
D46.B	Refractory cytopenia with multilineage dysplasia and ring sideroblasts	ICD-10-CM	Diagnosis
D46.C	Myelodysplastic syndrome with isolated del(5q) chromosomal abnormality	ICD-10-CM	Diagnosis
D46.Z	Other myelodysplastic syndromes	ICD-10-CM	Diagnosis
D47.4	Osteomyelofibrosis	ICD-10-CM	Diagnosis
D50.0	Iron deficiency anemia secondary to blood loss (chronic)	ICD-10-CM	Diagnosis
D50.1	Sideropenic dysphagia	ICD-10-CM	Diagnosis
D50.8	Other iron deficiency anemias	ICD-10-CM	Diagnosis
D50.9	Iron deficiency anemia, unspecified	ICD-10-CM	Diagnosis
D51.0	Vitamin B12 deficiency anemia due to intrinsic factor deficiency	ICD-10-CM	Diagnosis
D51.1	Vitamin B12 deficiency anemia due to selective vitamin B12 malabsorption with proteinuria	ICD-10-CM	Diagnosis
D51.2	Transcobalamin II deficiency	ICD-10-CM	Diagnosis
D51.3	Other dietary vitamin B12 deficiency anemia	ICD-10-CM	Diagnosis
D51.8	Other vitamin B12 deficiency anemias	ICD-10-CM	Diagnosis
D51.9	Vitamin B12 deficiency anemia, unspecified	ICD-10-CM	Diagnosis
D52.0	Dietary folate deficiency anemia	ICD-10-CM	Diagnosis
D52.1	Drug-induced folate deficiency anemia	ICD-10-CM	Diagnosis
D52.8	Other folate deficiency anemias	ICD-10-CM	Diagnosis
D52.9	Folate deficiency anemia, unspecified	ICD-10-CM	Diagnosis
D53.0	Protein deficiency anemia	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
D53.1	Other megaloblastic anemias, not elsewhere classified	ICD-10-CM	Diagnosis
D53.2	Scorbutic anemia	ICD-10-CM	Diagnosis
D53.8	Other specified nutritional anemias	ICD-10-CM	Diagnosis
D53.9	Nutritional anemia, unspecified	ICD-10-CM	Diagnosis
D55.0	Anemia due to glucose-6-phosphate dehydrogenase [G6PD] deficiency	ICD-10-CM	Diagnosis
D55.1	Anemia due to other disorders of glutathione metabolism	ICD-10-CM	Diagnosis
D55.2	Anemia due to disorders of glycolytic enzymes	ICD-10-CM	Diagnosis
D55.21	Anemia due to pyruvate kinase deficiency	ICD-10-CM	Diagnosis
D55.29	Anemia due to other disorders of glycolytic enzymes	ICD-10-CM	Diagnosis
D55.3	Anemia due to disorders of nucleotide metabolism	ICD-10-CM	Diagnosis
D55.8	Other anemias due to enzyme disorders	ICD-10-CM	Diagnosis
D55.9	Anemia due to enzyme disorder, unspecified	ICD-10-CM	Diagnosis
D56.0	Alpha thalassemia	ICD-10-CM	Diagnosis
D56.1	Beta thalassemia	ICD-10-CM	Diagnosis
D56.2	Delta-beta thalassemia	ICD-10-CM	Diagnosis
D56.3	Thalassemia minor	ICD-10-CM	Diagnosis
D56.4	Hereditary persistence of fetal hemoglobin [HPFH]	ICD-10-CM	Diagnosis
D56.5	Hemoglobin E-beta thalassemia	ICD-10-CM	Diagnosis
D56.8	Other thalassemias	ICD-10-CM	Diagnosis
D56.9	Thalassemia, unspecified	ICD-10-CM	Diagnosis
D57.00	Hb-SS disease with crisis, unspecified	ICD-10-CM	Diagnosis
D57.01	Hb-SS disease with acute chest syndrome	ICD-10-CM	Diagnosis
D57.02	Hb-SS disease with splenic sequestration	ICD-10-CM	Diagnosis
D57.03	Hb-SS disease with cerebral vascular involvement	ICD-10-CM	Diagnosis
D57.04	Hb-SS disease with dactylitis	ICD-10-CM	Diagnosis
D57.09	Hb-SS disease with crisis with other specified complication	ICD-10-CM	Diagnosis
D57.1	Sickle-cell disease without crisis	ICD-10-CM	Diagnosis
D57.20	Sickle-cell/Hb-C disease without crisis	ICD-10-CM	Diagnosis
D57.211	Sickle-cell/Hb-C disease with acute chest syndrome	ICD-10-CM	Diagnosis
D57.212	Sickle-cell/Hb-C disease with splenic sequestration	ICD-10-CM	Diagnosis
D57.213	Sickle-cell/Hb-C disease with cerebral vascular involvement	ICD-10-CM	Diagnosis
D57.214	Sickle-cell/Hb-C disease with dactylitis	ICD-10-CM	Diagnosis
D57.218	Sickle-cell/Hb-C disease with crisis with other specified complication	ICD-10-CM	Diagnosis
D57.219	Sickle-cell/Hb-C disease with crisis, unspecified	ICD-10-CM	Diagnosis
D57.3	Sickle-cell trait	ICD-10-CM	Diagnosis
D57.40	Sickle-cell thalassemia without crisis	ICD-10-CM	Diagnosis
D57.411	Sickle-cell thalassemia, unspecified, with acute chest syndrome	ICD-10-CM	Diagnosis
D57.412	Sickle-cell thalassemia, unspecified, with splenic sequestration	ICD-10-CM	Diagnosis
D57.413	Sickle-cell thalassemia, unspecified, with cerebral vascular involvement	ICD-10-CM	Diagnosis
D57.414	Sickle-cell thalassemia, unspecified, with dactylitis	ICD-10-CM	Diagnosis
D57.418	Sickle-cell thalassemia, unspecified, with crisis with other specified complication	ICD-10-CM	Diagnosis
D57.419	Sickle-cell thalassemia, unspecified, with crisis	ICD-10-CM	Diagnosis
D57.42	Sickle-cell thalassemia beta zero without crisis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
D57.431	Sickle-cell thalassemia beta zero with acute chest syndrome	ICD-10-CM	Diagnosis
D57.432	Sickle-cell thalassemia beta zero with splenic sequestration	ICD-10-CM	Diagnosis
D57.433	Sickle-cell thalassemia beta zero with cerebral vascular involvement	ICD-10-CM	Diagnosis
D57.434	Sickle-cell thalassemia beta zero with dactylitis	ICD-10-CM	Diagnosis
D57.438	Sickle-cell thalassemia beta zero with crisis with other specified complication	ICD-10-CM	Diagnosis
D57.439	Sickle-cell thalassemia beta zero with crisis, unspecified	ICD-10-CM	Diagnosis
D57.44	Sickle-cell thalassemia beta plus without crisis	ICD-10-CM	Diagnosis
D57.451	Sickle-cell thalassemia beta plus with acute chest syndrome	ICD-10-CM	Diagnosis
D57.452	Sickle-cell thalassemia beta plus with splenic sequestration	ICD-10-CM	Diagnosis
D57.453	Sickle-cell thalassemia beta plus with cerebral vascular involvement	ICD-10-CM	Diagnosis
D57.454	Sickle-cell thalassemia beta plus with dactylitis	ICD-10-CM	Diagnosis
D57.458	Sickle-cell thalassemia beta plus with crisis with other specified complication	ICD-10-CM	Diagnosis
D57.459	Sickle-cell thalassemia beta plus with crisis, unspecified	ICD-10-CM	Diagnosis
D57.80	Other sickle-cell disorders without crisis	ICD-10-CM	Diagnosis
D57.811	Other sickle-cell disorders with acute chest syndrome	ICD-10-CM	Diagnosis
D57.812	Other sickle-cell disorders with splenic sequestration	ICD-10-CM	Diagnosis
D57.813	Other sickle-cell disorders with cerebral vascular involvement	ICD-10-CM	Diagnosis
D57.814	Other sickle-cell disorders with dactylitis	ICD-10-CM	Diagnosis
D57.818	Other sickle-cell disorders with crisis with other specified complication	ICD-10-CM	Diagnosis
D57.819	Other sickle-cell disorders with crisis, unspecified	ICD-10-CM	Diagnosis
D58.0	Hereditary spherocytosis	ICD-10-CM	Diagnosis
D58.1	Hereditary elliptocytosis	ICD-10-CM	Diagnosis
D58.2	Other hemoglobinopathies	ICD-10-CM	Diagnosis
D58.8	Other specified hereditary hemolytic anemias	ICD-10-CM	Diagnosis
D58.9	Hereditary hemolytic anemia, unspecified	ICD-10-CM	Diagnosis
D59.0	Drug-induced autoimmune hemolytic anemia	ICD-10-CM	Diagnosis
D59.1	Other autoimmune hemolytic anemias	ICD-10-CM	Diagnosis
D59.10	Autoimmune hemolytic anemia, unspecified	ICD-10-CM	Diagnosis
D59.11	Warm autoimmune hemolytic anemia	ICD-10-CM	Diagnosis
D59.12	Cold autoimmune hemolytic anemia	ICD-10-CM	Diagnosis
D59.13	Mixed type autoimmune hemolytic anemia	ICD-10-CM	Diagnosis
D59.19	Other autoimmune hemolytic anemia	ICD-10-CM	Diagnosis
D59.2	Drug-induced nonautoimmune hemolytic anemia	ICD-10-CM	Diagnosis
D59.3	Hemolytic-uremic syndrome	ICD-10-CM	Diagnosis
D59.30	Hemolytic-uremic syndrome, unspecified	ICD-10-CM	Diagnosis
D59.31	Infection-associated hemolytic-uremic syndrome	ICD-10-CM	Diagnosis
D59.32	Hereditary hemolytic-uremic syndrome	ICD-10-CM	Diagnosis
D59.39	Other hemolytic-uremic syndrome	ICD-10-CM	Diagnosis
D59.4	Other nonautoimmune hemolytic anemias	ICD-10-CM	Diagnosis
D59.5	Paroxysmal nocturnal hemoglobinuria [Marchiafava-Micheli]	ICD-10-CM	Diagnosis
D59.6	Hemoglobinuria due to hemolysis from other external causes	ICD-10-CM	Diagnosis
D59.8	Other acquired hemolytic anemias	ICD-10-CM	Diagnosis
D59.9	Acquired hemolytic anemia, unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
D60.0	Chronic acquired pure red cell aplasia	ICD-10-CM	Diagnosis
D60.1	Transient acquired pure red cell aplasia	ICD-10-CM	Diagnosis
D60.8	Other acquired pure red cell aplasias	ICD-10-CM	Diagnosis
D60.9	Acquired pure red cell aplasia, unspecified	ICD-10-CM	Diagnosis
D61.01	Constitutional (pure) red blood cell aplasia	ICD-10-CM	Diagnosis
D61.02	Shwachman-Diamond syndrome	ICD-10-CM	Diagnosis
D61.09	Other constitutional aplastic anemia	ICD-10-CM	Diagnosis
D61.1	Drug-induced aplastic anemia	ICD-10-CM	Diagnosis
D61.2	Aplastic anemia due to other external agents	ICD-10-CM	Diagnosis
D61.3	Idiopathic aplastic anemia	ICD-10-CM	Diagnosis
D61.810	Antineoplastic chemotherapy induced pancytopenia	ICD-10-CM	Diagnosis
D61.811	Other drug-induced pancytopenia	ICD-10-CM	Diagnosis
D61.818	Other pancytopenia	ICD-10-CM	Diagnosis
D61.82	Myelophthisis	ICD-10-CM	Diagnosis
D61.89	Other specified aplastic anemias and other bone marrow failure syndromes	ICD-10-CM	Diagnosis
D61.9	Aplastic anemia, unspecified	ICD-10-CM	Diagnosis
D63.0	Anemia in neoplastic disease	ICD-10-CM	Diagnosis
D63.1	Anemia in chronic kidney disease	ICD-10-CM	Diagnosis
D63.8	Anemia in other chronic diseases classified elsewhere	ICD-10-CM	Diagnosis
D64.0	Hereditary sideroblastic anemia	ICD-10-CM	Diagnosis
D64.1	Secondary sideroblastic anemia due to disease	ICD-10-CM	Diagnosis
D64.2	Secondary sideroblastic anemia due to drugs and toxins	ICD-10-CM	Diagnosis
D64.3	Other sideroblastic anemias	ICD-10-CM	Diagnosis
D64.4	Congenital dyserythropoietic anemia	ICD-10-CM	Diagnosis
D64.81	Anemia due to antineoplastic chemotherapy	ICD-10-CM	Diagnosis
D64.89	Other specified anemias	ICD-10-CM	Diagnosis
D64.9	Anemia, unspecified	ICD-10-CM	Diagnosis
D75.81	Myelofibrosis	ICD-10-CM	Diagnosis
Anxiety Disorders			
F06.4	Anxiety disorder due to known physiological condition	ICD-10-CM	Diagnosis
F40.00	Agoraphobia, unspecified	ICD-10-CM	Diagnosis
F40.01	Agoraphobia with panic disorder	ICD-10-CM	Diagnosis
F40.02	Agoraphobia without panic disorder	ICD-10-CM	Diagnosis
F40.10	Social phobia, unspecified	ICD-10-CM	Diagnosis
F40.11	Social phobia, generalized	ICD-10-CM	Diagnosis
F40.210	Arachnophobia	ICD-10-CM	Diagnosis
F40.218	Other animal type phobia	ICD-10-CM	Diagnosis
F40.220	Fear of thunderstorms	ICD-10-CM	Diagnosis
F40.228	Other natural environment type phobia	ICD-10-CM	Diagnosis
F40.230	Fear of blood	ICD-10-CM	Diagnosis
F40.231	Fear of injections and transfusions	ICD-10-CM	Diagnosis
F40.232	Fear of other medical care	ICD-10-CM	Diagnosis
F40.233	Fear of injury	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F40.240	Claustrophobia	ICD-10-CM	Diagnosis
F40.241	Acrophobia	ICD-10-CM	Diagnosis
F40.242	Fear of bridges	ICD-10-CM	Diagnosis
F40.243	Fear of flying	ICD-10-CM	Diagnosis
F40.248	Other situational type phobia	ICD-10-CM	Diagnosis
F40.290	Androphobia	ICD-10-CM	Diagnosis
F40.291	Gynephobia	ICD-10-CM	Diagnosis
F40.298	Other specified phobia	ICD-10-CM	Diagnosis
F40.8	Other phobic anxiety disorders	ICD-10-CM	Diagnosis
F40.9	Phobic anxiety disorder, unspecified	ICD-10-CM	Diagnosis
F41.0	Panic disorder [episodic paroxysmal anxiety]	ICD-10-CM	Diagnosis
F41.1	Generalized anxiety disorder	ICD-10-CM	Diagnosis
F41.3	Other mixed anxiety disorders	ICD-10-CM	Diagnosis
F41.8	Other specified anxiety disorders	ICD-10-CM	Diagnosis
F41.9	Anxiety disorder, unspecified	ICD-10-CM	Diagnosis
F42	Obsessive-compulsive disorder	ICD-10-CM	Diagnosis
F42.2	Mixed obsessional thoughts and acts	ICD-10-CM	Diagnosis
F42.3	Hoarding disorder	ICD-10-CM	Diagnosis
F42.4	Excoriation (skin-picking) disorder	ICD-10-CM	Diagnosis
F42.8	Other obsessive-compulsive disorder	ICD-10-CM	Diagnosis
F42.9	Obsessive-compulsive disorder, unspecified	ICD-10-CM	Diagnosis
F43.0	Acute stress reaction	ICD-10-CM	Diagnosis
F43.10	Post-traumatic stress disorder, unspecified	ICD-10-CM	Diagnosis
F43.11	Post-traumatic stress disorder, acute	ICD-10-CM	Diagnosis
F43.12	Post-traumatic stress disorder, chronic	ICD-10-CM	Diagnosis
F44.9	Dissociative and conversion disorder, unspecified	ICD-10-CM	Diagnosis
F45.8	Other somatoform disorders	ICD-10-CM	Diagnosis
F48.8	Other specified nonpsychotic mental disorders	ICD-10-CM	Diagnosis
F48.9	Nonpsychotic mental disorder, unspecified	ICD-10-CM	Diagnosis
F93.8	Other childhood emotional disorders	ICD-10-CM	Diagnosis
F99	Mental disorder, not otherwise specified	ICD-10-CM	Diagnosis
R45.2	Unhappiness	ICD-10-CM	Diagnosis
R45.5	Hostility	ICD-10-CM	Diagnosis
R45.6	Violent behavior	ICD-10-CM	Diagnosis
R45.7	State of emotional shock and stress, unspecified	ICD-10-CM	Diagnosis
Bacterial Infections			
A02.21	Salmonella meningitis	ICD-10-CM	Diagnosis
A02.24	Salmonella osteomyelitis	ICD-10-CM	Diagnosis
A18.01	Tuberculosis of spine	ICD-10-CM	Diagnosis
A18.03	Tuberculosis of other bones	ICD-10-CM	Diagnosis
A39.0	Meningococcal meningitis	ICD-10-CM	Diagnosis
A39.2	Acute meningococcemia	ICD-10-CM	Diagnosis
A39.3	Chronic meningococcemia	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
A39.4	Meningococcemia, unspecified	ICD-10-CM	Diagnosis
A39.51	Meningococcal endocarditis	ICD-10-CM	Diagnosis
A39.81	Meningococcal encephalitis	ICD-10-CM	Diagnosis
A40.0	Sepsis due to streptococcus, group A	ICD-10-CM	Diagnosis
A40.1	Sepsis due to streptococcus, group B	ICD-10-CM	Diagnosis
A40.3	Sepsis due to Streptococcus pneumoniae	ICD-10-CM	Diagnosis
A40.8	Other streptococcal sepsis	ICD-10-CM	Diagnosis
A40.9	Streptococcal sepsis, unspecified	ICD-10-CM	Diagnosis
A41.01	Sepsis due to Methicillin susceptible Staphylococcus aureus	ICD-10-CM	Diagnosis
A41.02	Sepsis due to Methicillin resistant Staphylococcus aureus	ICD-10-CM	Diagnosis
A41.1	Sepsis due to other specified staphylococcus	ICD-10-CM	Diagnosis
A41.2	Sepsis due to unspecified staphylococcus	ICD-10-CM	Diagnosis
A41.3	Sepsis due to Hemophilus influenzae	ICD-10-CM	Diagnosis
A41.4	Sepsis due to anaerobes	ICD-10-CM	Diagnosis
A41.50	Gram-negative sepsis, unspecified	ICD-10-CM	Diagnosis
A41.51	Sepsis due to Escherichia coli [E. coli]	ICD-10-CM	Diagnosis
A41.52	Sepsis due to Pseudomonas	ICD-10-CM	Diagnosis
A41.53	Sepsis due to Serratia	ICD-10-CM	Diagnosis
A41.59	Other Gram-negative sepsis	ICD-10-CM	Diagnosis
A41.81	Sepsis due to Enterococcus	ICD-10-CM	Diagnosis
A41.89	Other specified sepsis	ICD-10-CM	Diagnosis
A41.9	Sepsis, unspecified organism	ICD-10-CM	Diagnosis
A42.7	Actinomyotic sepsis	ICD-10-CM	Diagnosis
A48.1	Legionnaires' disease	ICD-10-CM	Diagnosis
A51.41	Secondary syphilitic meningitis	ICD-10-CM	Diagnosis
A52.03	Syphilitic endocarditis	ICD-10-CM	Diagnosis
A52.13	Late syphilitic meningitis	ICD-10-CM	Diagnosis
A52.14	Late syphilitic encephalitis	ICD-10-CM	Diagnosis
A54.40	Gonococcal infection of musculoskeletal system, unspecified	ICD-10-CM	Diagnosis
A54.41	Gonococcal spondylopathy	ICD-10-CM	Diagnosis
A54.42	Gonococcal arthritis	ICD-10-CM	Diagnosis
A54.43	Gonococcal osteomyelitis	ICD-10-CM	Diagnosis
A54.49	Gonococcal infection of other musculoskeletal tissue	ICD-10-CM	Diagnosis
A54.81	Gonococcal meningitis	ICD-10-CM	Diagnosis
A54.83	Gonococcal heart infection	ICD-10-CM	Diagnosis
G00.0	Hemophilus meningitis	ICD-10-CM	Diagnosis
G00.1	Pneumococcal meningitis	ICD-10-CM	Diagnosis
G00.2	Streptococcal meningitis	ICD-10-CM	Diagnosis
G00.3	Staphylococcal meningitis	ICD-10-CM	Diagnosis
G00.8	Other bacterial meningitis	ICD-10-CM	Diagnosis
G00.9	Bacterial meningitis, unspecified	ICD-10-CM	Diagnosis
G01	Meningitis in bacterial diseases classified elsewhere	ICD-10-CM	Diagnosis
G04.2	Bacterial meningoencephalitis and meningomyelitis, not elsewhere classified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
G04.90	Encephalitis and encephalomyelitis, unspecified	ICD-10-CM	Diagnosis
G04.91	Myelitis, unspecified	ICD-10-CM	Diagnosis
G37.4	Subacute necrotizing myelitis of central nervous system	ICD-10-CM	Diagnosis
I33.0	Acute and subacute infective endocarditis	ICD-10-CM	Diagnosis
I33.9	Acute and subacute endocarditis, unspecified	ICD-10-CM	Diagnosis
J13	Pneumonia due to Streptococcus pneumoniae	ICD-10-CM	Diagnosis
J14	Pneumonia due to Hemophilus influenzae	ICD-10-CM	Diagnosis
J15.0	Pneumonia due to Klebsiella pneumoniae	ICD-10-CM	Diagnosis
J15.1	Pneumonia due to Pseudomonas	ICD-10-CM	Diagnosis
J15.20	Pneumonia due to staphylococcus, unspecified	ICD-10-CM	Diagnosis
J15.211	Pneumonia due to Methicillin susceptible Staphylococcus aureus	ICD-10-CM	Diagnosis
J15.212	Pneumonia due to Methicillin resistant Staphylococcus aureus	ICD-10-CM	Diagnosis
J15.29	Pneumonia due to other staphylococcus	ICD-10-CM	Diagnosis
J15.3	Pneumonia due to streptococcus, group B	ICD-10-CM	Diagnosis
J15.4	Pneumonia due to other streptococci	ICD-10-CM	Diagnosis
J15.5	Pneumonia due to Escherichia coli	ICD-10-CM	Diagnosis
J15.6	Pneumonia due to other Gram-negative bacteria	ICD-10-CM	Diagnosis
J15.7	Pneumonia due to Mycoplasma pneumoniae	ICD-10-CM	Diagnosis
J15.8	Pneumonia due to other specified bacteria	ICD-10-CM	Diagnosis
J15.9	Unspecified bacterial pneumonia	ICD-10-CM	Diagnosis
J16.0	Chlamydial pneumonia	ICD-10-CM	Diagnosis
J16.8	Pneumonia due to other specified infectious organisms	ICD-10-CM	Diagnosis
J18.1	Lobar pneumonia, unspecified organism	ICD-10-CM	Diagnosis
K12.2	Cellulitis and abscess of mouth	ICD-10-CM	Diagnosis
L02.01	Cutaneous abscess of face	ICD-10-CM	Diagnosis
L02.11	Cutaneous abscess of neck	ICD-10-CM	Diagnosis
L02.211	Cutaneous abscess of abdominal wall	ICD-10-CM	Diagnosis
L02.212	Cutaneous abscess of back [any part, except buttock]	ICD-10-CM	Diagnosis
L02.213	Cutaneous abscess of chest wall	ICD-10-CM	Diagnosis
L02.214	Cutaneous abscess of groin	ICD-10-CM	Diagnosis
L02.215	Cutaneous abscess of perineum	ICD-10-CM	Diagnosis
L02.216	Cutaneous abscess of umbilicus	ICD-10-CM	Diagnosis
L02.219	Cutaneous abscess of trunk, unspecified	ICD-10-CM	Diagnosis
L02.31	Cutaneous abscess of buttock	ICD-10-CM	Diagnosis
L02.411	Cutaneous abscess of right axilla	ICD-10-CM	Diagnosis
L02.412	Cutaneous abscess of left axilla	ICD-10-CM	Diagnosis
L02.413	Cutaneous abscess of right upper limb	ICD-10-CM	Diagnosis
L02.414	Cutaneous abscess of left upper limb	ICD-10-CM	Diagnosis
L02.415	Cutaneous abscess of right lower limb	ICD-10-CM	Diagnosis
L02.416	Cutaneous abscess of left lower limb	ICD-10-CM	Diagnosis
L02.419	Cutaneous abscess of limb, unspecified	ICD-10-CM	Diagnosis
L02.511	Cutaneous abscess of right hand	ICD-10-CM	Diagnosis
L02.512	Cutaneous abscess of left hand	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
L02.519	Cutaneous abscess of unspecified hand	ICD-10-CM	Diagnosis
L02.611	Cutaneous abscess of right foot	ICD-10-CM	Diagnosis
L02.612	Cutaneous abscess of left foot	ICD-10-CM	Diagnosis
L02.619	Cutaneous abscess of unspecified foot	ICD-10-CM	Diagnosis
L02.811	Cutaneous abscess of head [any part, except face]	ICD-10-CM	Diagnosis
L02.818	Cutaneous abscess of other sites	ICD-10-CM	Diagnosis
L02.91	Cutaneous abscess, unspecified	ICD-10-CM	Diagnosis
L03.011	Cellulitis of right finger	ICD-10-CM	Diagnosis
L03.012	Cellulitis of left finger	ICD-10-CM	Diagnosis
L03.019	Cellulitis of unspecified finger	ICD-10-CM	Diagnosis
L03.021	Acute lymphangitis of right finger	ICD-10-CM	Diagnosis
L03.022	Acute lymphangitis of left finger	ICD-10-CM	Diagnosis
L03.029	Acute lymphangitis of unspecified finger	ICD-10-CM	Diagnosis
L03.031	Cellulitis of right toe	ICD-10-CM	Diagnosis
L03.032	Cellulitis of left toe	ICD-10-CM	Diagnosis
L03.039	Cellulitis of unspecified toe	ICD-10-CM	Diagnosis
L03.041	Acute lymphangitis of right toe	ICD-10-CM	Diagnosis
L03.042	Acute lymphangitis of left toe	ICD-10-CM	Diagnosis
L03.049	Acute lymphangitis of unspecified toe	ICD-10-CM	Diagnosis
L03.111	Cellulitis of right axilla	ICD-10-CM	Diagnosis
L03.112	Cellulitis of left axilla	ICD-10-CM	Diagnosis
L03.113	Cellulitis of right upper limb	ICD-10-CM	Diagnosis
L03.114	Cellulitis of left upper limb	ICD-10-CM	Diagnosis
L03.115	Cellulitis of right lower limb	ICD-10-CM	Diagnosis
L03.116	Cellulitis of left lower limb	ICD-10-CM	Diagnosis
L03.119	Cellulitis of unspecified part of limb	ICD-10-CM	Diagnosis
L03.121	Acute lymphangitis of right axilla	ICD-10-CM	Diagnosis
L03.122	Acute lymphangitis of left axilla	ICD-10-CM	Diagnosis
L03.123	Acute lymphangitis of right upper limb	ICD-10-CM	Diagnosis
L03.124	Acute lymphangitis of left upper limb	ICD-10-CM	Diagnosis
L03.125	Acute lymphangitis of right lower limb	ICD-10-CM	Diagnosis
L03.126	Acute lymphangitis of left lower limb	ICD-10-CM	Diagnosis
L03.129	Acute lymphangitis of unspecified part of limb	ICD-10-CM	Diagnosis
L03.211	Cellulitis of face	ICD-10-CM	Diagnosis
L03.212	Acute lymphangitis of face	ICD-10-CM	Diagnosis
L03.213	Periorbital cellulitis	ICD-10-CM	Diagnosis
L03.221	Cellulitis of neck	ICD-10-CM	Diagnosis
L03.222	Acute lymphangitis of neck	ICD-10-CM	Diagnosis
L03.311	Cellulitis of abdominal wall	ICD-10-CM	Diagnosis
L03.312	Cellulitis of back [any part except buttock]	ICD-10-CM	Diagnosis
L03.313	Cellulitis of chest wall	ICD-10-CM	Diagnosis
L03.314	Cellulitis of groin	ICD-10-CM	Diagnosis
L03.315	Cellulitis of perineum	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
L03.316	Cellulitis of umbilicus	ICD-10-CM	Diagnosis
L03.317	Cellulitis of buttock	ICD-10-CM	Diagnosis
L03.319	Cellulitis of trunk, unspecified	ICD-10-CM	Diagnosis
L03.321	Acute lymphangitis of abdominal wall	ICD-10-CM	Diagnosis
L03.322	Acute lymphangitis of back [any part except buttock]	ICD-10-CM	Diagnosis
L03.323	Acute lymphangitis of chest wall	ICD-10-CM	Diagnosis
L03.324	Acute lymphangitis of groin	ICD-10-CM	Diagnosis
L03.325	Acute lymphangitis of perineum	ICD-10-CM	Diagnosis
L03.326	Acute lymphangitis of umbilicus	ICD-10-CM	Diagnosis
L03.327	Acute lymphangitis of buttock	ICD-10-CM	Diagnosis
L03.329	Acute lymphangitis of trunk, unspecified	ICD-10-CM	Diagnosis
L03.811	Cellulitis of head [any part, except face]	ICD-10-CM	Diagnosis
L03.818	Cellulitis of other sites	ICD-10-CM	Diagnosis
L03.891	Acute lymphangitis of head [any part, except face]	ICD-10-CM	Diagnosis
L03.898	Acute lymphangitis of other sites	ICD-10-CM	Diagnosis
L03.90	Cellulitis, unspecified	ICD-10-CM	Diagnosis
L03.91	Acute lymphangitis, unspecified	ICD-10-CM	Diagnosis
L98.3	Eosinophilic cellulitis [Wells]	ICD-10-CM	Diagnosis
M00.00	Staphylococcal arthritis, unspecified joint	ICD-10-CM	Diagnosis
M00.011	Staphylococcal arthritis, right shoulder	ICD-10-CM	Diagnosis
M00.012	Staphylococcal arthritis, left shoulder	ICD-10-CM	Diagnosis
M00.019	Staphylococcal arthritis, unspecified shoulder	ICD-10-CM	Diagnosis
M00.021	Staphylococcal arthritis, right elbow	ICD-10-CM	Diagnosis
M00.022	Staphylococcal arthritis, left elbow	ICD-10-CM	Diagnosis
M00.029	Staphylococcal arthritis, unspecified elbow	ICD-10-CM	Diagnosis
M00.031	Staphylococcal arthritis, right wrist	ICD-10-CM	Diagnosis
M00.032	Staphylococcal arthritis, left wrist	ICD-10-CM	Diagnosis
M00.039	Staphylococcal arthritis, unspecified wrist	ICD-10-CM	Diagnosis
M00.041	Staphylococcal arthritis, right hand	ICD-10-CM	Diagnosis
M00.042	Staphylococcal arthritis, left hand	ICD-10-CM	Diagnosis
M00.049	Staphylococcal arthritis, unspecified hand	ICD-10-CM	Diagnosis
M00.051	Staphylococcal arthritis, right hip	ICD-10-CM	Diagnosis
M00.052	Staphylococcal arthritis, left hip	ICD-10-CM	Diagnosis
M00.059	Staphylococcal arthritis, unspecified hip	ICD-10-CM	Diagnosis
M00.061	Staphylococcal arthritis, right knee	ICD-10-CM	Diagnosis
M00.062	Staphylococcal arthritis, left knee	ICD-10-CM	Diagnosis
M00.069	Staphylococcal arthritis, unspecified knee	ICD-10-CM	Diagnosis
M00.071	Staphylococcal arthritis, right ankle and foot	ICD-10-CM	Diagnosis
M00.072	Staphylococcal arthritis, left ankle and foot	ICD-10-CM	Diagnosis
M00.079	Staphylococcal arthritis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M00.08	Staphylococcal arthritis, vertebrae	ICD-10-CM	Diagnosis
M00.09	Staphylococcal polyarthritis	ICD-10-CM	Diagnosis
M00.10	Pneumococcal arthritis, unspecified joint	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
M00.111	Pneumococcal arthritis, right shoulder	ICD-10-CM	Diagnosis
M00.112	Pneumococcal arthritis, left shoulder	ICD-10-CM	Diagnosis
M00.119	Pneumococcal arthritis, unspecified shoulder	ICD-10-CM	Diagnosis
M00.121	Pneumococcal arthritis, right elbow	ICD-10-CM	Diagnosis
M00.122	Pneumococcal arthritis, left elbow	ICD-10-CM	Diagnosis
M00.129	Pneumococcal arthritis, unspecified elbow	ICD-10-CM	Diagnosis
M00.131	Pneumococcal arthritis, right wrist	ICD-10-CM	Diagnosis
M00.132	Pneumococcal arthritis, left wrist	ICD-10-CM	Diagnosis
M00.139	Pneumococcal arthritis, unspecified wrist	ICD-10-CM	Diagnosis
M00.141	Pneumococcal arthritis, right hand	ICD-10-CM	Diagnosis
M00.142	Pneumococcal arthritis, left hand	ICD-10-CM	Diagnosis
M00.149	Pneumococcal arthritis, unspecified hand	ICD-10-CM	Diagnosis
M00.151	Pneumococcal arthritis, right hip	ICD-10-CM	Diagnosis
M00.152	Pneumococcal arthritis, left hip	ICD-10-CM	Diagnosis
M00.159	Pneumococcal arthritis, unspecified hip	ICD-10-CM	Diagnosis
M00.161	Pneumococcal arthritis, right knee	ICD-10-CM	Diagnosis
M00.162	Pneumococcal arthritis, left knee	ICD-10-CM	Diagnosis
M00.169	Pneumococcal arthritis, unspecified knee	ICD-10-CM	Diagnosis
M00.171	Pneumococcal arthritis, right ankle and foot	ICD-10-CM	Diagnosis
M00.172	Pneumococcal arthritis, left ankle and foot	ICD-10-CM	Diagnosis
M00.179	Pneumococcal arthritis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M00.18	Pneumococcal arthritis, vertebrae	ICD-10-CM	Diagnosis
M00.19	Pneumococcal polyarthritis	ICD-10-CM	Diagnosis
M00.20	Other streptococcal arthritis, unspecified joint	ICD-10-CM	Diagnosis
M00.211	Other streptococcal arthritis, right shoulder	ICD-10-CM	Diagnosis
M00.212	Other streptococcal arthritis, left shoulder	ICD-10-CM	Diagnosis
M00.219	Other streptococcal arthritis, unspecified shoulder	ICD-10-CM	Diagnosis
M00.221	Other streptococcal arthritis, right elbow	ICD-10-CM	Diagnosis
M00.222	Other streptococcal arthritis, left elbow	ICD-10-CM	Diagnosis
M00.229	Other streptococcal arthritis, unspecified elbow	ICD-10-CM	Diagnosis
M00.231	Other streptococcal arthritis, right wrist	ICD-10-CM	Diagnosis
M00.232	Other streptococcal arthritis, left wrist	ICD-10-CM	Diagnosis
M00.239	Other streptococcal arthritis, unspecified wrist	ICD-10-CM	Diagnosis
M00.241	Other streptococcal arthritis, right hand	ICD-10-CM	Diagnosis
M00.242	Other streptococcal arthritis, left hand	ICD-10-CM	Diagnosis
M00.249	Other streptococcal arthritis, unspecified hand	ICD-10-CM	Diagnosis
M00.251	Other streptococcal arthritis, right hip	ICD-10-CM	Diagnosis
M00.252	Other streptococcal arthritis, left hip	ICD-10-CM	Diagnosis
M00.259	Other streptococcal arthritis, unspecified hip	ICD-10-CM	Diagnosis
M00.261	Other streptococcal arthritis, right knee	ICD-10-CM	Diagnosis
M00.262	Other streptococcal arthritis, left knee	ICD-10-CM	Diagnosis
M00.269	Other streptococcal arthritis, unspecified knee	ICD-10-CM	Diagnosis
M00.271	Other streptococcal arthritis, right ankle and foot	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M00.272	Other streptococcal arthritis, left ankle and foot	ICD-10-CM	Diagnosis
M00.279	Other streptococcal arthritis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M00.28	Other streptococcal arthritis, vertebrae	ICD-10-CM	Diagnosis
M00.29	Other streptococcal polyarthritis	ICD-10-CM	Diagnosis
M00.80	Arthritis due to other bacteria, unspecified joint	ICD-10-CM	Diagnosis
M00.811	Arthritis due to other bacteria, right shoulder	ICD-10-CM	Diagnosis
M00.812	Arthritis due to other bacteria, left shoulder	ICD-10-CM	Diagnosis
M00.819	Arthritis due to other bacteria, unspecified shoulder	ICD-10-CM	Diagnosis
M00.821	Arthritis due to other bacteria, right elbow	ICD-10-CM	Diagnosis
M00.822	Arthritis due to other bacteria, left elbow	ICD-10-CM	Diagnosis
M00.829	Arthritis due to other bacteria, unspecified elbow	ICD-10-CM	Diagnosis
M00.831	Arthritis due to other bacteria, right wrist	ICD-10-CM	Diagnosis
M00.832	Arthritis due to other bacteria, left wrist	ICD-10-CM	Diagnosis
M00.839	Arthritis due to other bacteria, unspecified wrist	ICD-10-CM	Diagnosis
M00.841	Arthritis due to other bacteria, right hand	ICD-10-CM	Diagnosis
M00.842	Arthritis due to other bacteria, left hand	ICD-10-CM	Diagnosis
M00.849	Arthritis due to other bacteria, unspecified hand	ICD-10-CM	Diagnosis
M00.851	Arthritis due to other bacteria, right hip	ICD-10-CM	Diagnosis
M00.852	Arthritis due to other bacteria, left hip	ICD-10-CM	Diagnosis
M00.859	Arthritis due to other bacteria, unspecified hip	ICD-10-CM	Diagnosis
M00.861	Arthritis due to other bacteria, right knee	ICD-10-CM	Diagnosis
M00.862	Arthritis due to other bacteria, left knee	ICD-10-CM	Diagnosis
M00.869	Arthritis due to other bacteria, unspecified knee	ICD-10-CM	Diagnosis
M00.871	Arthritis due to other bacteria, right ankle and foot	ICD-10-CM	Diagnosis
M00.872	Arthritis due to other bacteria, left ankle and foot	ICD-10-CM	Diagnosis
M00.879	Arthritis due to other bacteria, unspecified ankle and foot	ICD-10-CM	Diagnosis
M00.88	Arthritis due to other bacteria, vertebrae	ICD-10-CM	Diagnosis
M00.89	Polyarthritis due to other bacteria	ICD-10-CM	Diagnosis
M00.9	Pyogenic arthritis, unspecified	ICD-10-CM	Diagnosis
M46.20	Osteomyelitis of vertebra, site unspecified	ICD-10-CM	Diagnosis
M46.21	Osteomyelitis of vertebra, occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M46.22	Osteomyelitis of vertebra, cervical region	ICD-10-CM	Diagnosis
M46.23	Osteomyelitis of vertebra, cervicothoracic region	ICD-10-CM	Diagnosis
M46.24	Osteomyelitis of vertebra, thoracic region	ICD-10-CM	Diagnosis
M46.25	Osteomyelitis of vertebra, thoracolumbar region	ICD-10-CM	Diagnosis
M46.26	Osteomyelitis of vertebra, lumbar region	ICD-10-CM	Diagnosis
M46.27	Osteomyelitis of vertebra, lumbosacral region	ICD-10-CM	Diagnosis
M46.28	Osteomyelitis of vertebra, sacral and sacrococcygeal region	ICD-10-CM	Diagnosis
M86.00	Acute hematogenous osteomyelitis, unspecified site	ICD-10-CM	Diagnosis
M86.011	Acute hematogenous osteomyelitis, right shoulder	ICD-10-CM	Diagnosis
M86.012	Acute hematogenous osteomyelitis, left shoulder	ICD-10-CM	Diagnosis
M86.019	Acute hematogenous osteomyelitis, unspecified shoulder	ICD-10-CM	Diagnosis
M86.021	Acute hematogenous osteomyelitis, right humerus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M86.022	Acute hematogenous osteomyelitis, left humerus	ICD-10-CM	Diagnosis
M86.029	Acute hematogenous osteomyelitis, unspecified humerus	ICD-10-CM	Diagnosis
M86.031	Acute hematogenous osteomyelitis, right radius and ulna	ICD-10-CM	Diagnosis
M86.032	Acute hematogenous osteomyelitis, left radius and ulna	ICD-10-CM	Diagnosis
M86.039	Acute hematogenous osteomyelitis, unspecified radius and ulna	ICD-10-CM	Diagnosis
M86.041	Acute hematogenous osteomyelitis, right hand	ICD-10-CM	Diagnosis
M86.042	Acute hematogenous osteomyelitis, left hand	ICD-10-CM	Diagnosis
M86.049	Acute hematogenous osteomyelitis, unspecified hand	ICD-10-CM	Diagnosis
M86.051	Acute hematogenous osteomyelitis, right femur	ICD-10-CM	Diagnosis
M86.052	Acute hematogenous osteomyelitis, left femur	ICD-10-CM	Diagnosis
M86.059	Acute hematogenous osteomyelitis, unspecified femur	ICD-10-CM	Diagnosis
M86.061	Acute hematogenous osteomyelitis, right tibia and fibula	ICD-10-CM	Diagnosis
M86.062	Acute hematogenous osteomyelitis, left tibia and fibula	ICD-10-CM	Diagnosis
M86.069	Acute hematogenous osteomyelitis, unspecified tibia and fibula	ICD-10-CM	Diagnosis
M86.071	Acute hematogenous osteomyelitis, right ankle and foot	ICD-10-CM	Diagnosis
M86.072	Acute hematogenous osteomyelitis, left ankle and foot	ICD-10-CM	Diagnosis
M86.079	Acute hematogenous osteomyelitis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M86.08	Acute hematogenous osteomyelitis, other sites	ICD-10-CM	Diagnosis
M86.09	Acute hematogenous osteomyelitis, multiple sites	ICD-10-CM	Diagnosis
M86.10	Other acute osteomyelitis, unspecified site	ICD-10-CM	Diagnosis
M86.111	Other acute osteomyelitis, right shoulder	ICD-10-CM	Diagnosis
M86.112	Other acute osteomyelitis, left shoulder	ICD-10-CM	Diagnosis
M86.119	Other acute osteomyelitis, unspecified shoulder	ICD-10-CM	Diagnosis
M86.121	Other acute osteomyelitis, right humerus	ICD-10-CM	Diagnosis
M86.122	Other acute osteomyelitis, left humerus	ICD-10-CM	Diagnosis
M86.129	Other acute osteomyelitis, unspecified humerus	ICD-10-CM	Diagnosis
M86.131	Other acute osteomyelitis, right radius and ulna	ICD-10-CM	Diagnosis
M86.132	Other acute osteomyelitis, left radius and ulna	ICD-10-CM	Diagnosis
M86.139	Other acute osteomyelitis, unspecified radius and ulna	ICD-10-CM	Diagnosis
M86.141	Other acute osteomyelitis, right hand	ICD-10-CM	Diagnosis
M86.142	Other acute osteomyelitis, left hand	ICD-10-CM	Diagnosis
M86.149	Other acute osteomyelitis, unspecified hand	ICD-10-CM	Diagnosis
M86.151	Other acute osteomyelitis, right femur	ICD-10-CM	Diagnosis
M86.152	Other acute osteomyelitis, left femur	ICD-10-CM	Diagnosis
M86.159	Other acute osteomyelitis, unspecified femur	ICD-10-CM	Diagnosis
M86.161	Other acute osteomyelitis, right tibia and fibula	ICD-10-CM	Diagnosis
M86.162	Other acute osteomyelitis, left tibia and fibula	ICD-10-CM	Diagnosis
M86.169	Other acute osteomyelitis, unspecified tibia and fibula	ICD-10-CM	Diagnosis
M86.171	Other acute osteomyelitis, right ankle and foot	ICD-10-CM	Diagnosis
M86.172	Other acute osteomyelitis, left ankle and foot	ICD-10-CM	Diagnosis
M86.179	Other acute osteomyelitis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M86.18	Other acute osteomyelitis, other site	ICD-10-CM	Diagnosis
M86.19	Other acute osteomyelitis, multiple sites	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M86.20	Subacute osteomyelitis, unspecified site	ICD-10-CM	Diagnosis
M86.211	Subacute osteomyelitis, right shoulder	ICD-10-CM	Diagnosis
M86.212	Subacute osteomyelitis, left shoulder	ICD-10-CM	Diagnosis
M86.219	Subacute osteomyelitis, unspecified shoulder	ICD-10-CM	Diagnosis
M86.221	Subacute osteomyelitis, right humerus	ICD-10-CM	Diagnosis
M86.222	Subacute osteomyelitis, left humerus	ICD-10-CM	Diagnosis
M86.229	Subacute osteomyelitis, unspecified humerus	ICD-10-CM	Diagnosis
M86.231	Subacute osteomyelitis, right radius and ulna	ICD-10-CM	Diagnosis
M86.232	Subacute osteomyelitis, left radius and ulna	ICD-10-CM	Diagnosis
M86.239	Subacute osteomyelitis, unspecified radius and ulna	ICD-10-CM	Diagnosis
M86.241	Subacute osteomyelitis, right hand	ICD-10-CM	Diagnosis
M86.242	Subacute osteomyelitis, left hand	ICD-10-CM	Diagnosis
M86.249	Subacute osteomyelitis, unspecified hand	ICD-10-CM	Diagnosis
M86.251	Subacute osteomyelitis, right femur	ICD-10-CM	Diagnosis
M86.252	Subacute osteomyelitis, left femur	ICD-10-CM	Diagnosis
M86.259	Subacute osteomyelitis, unspecified femur	ICD-10-CM	Diagnosis
M86.261	Subacute osteomyelitis, right tibia and fibula	ICD-10-CM	Diagnosis
M86.262	Subacute osteomyelitis, left tibia and fibula	ICD-10-CM	Diagnosis
M86.269	Subacute osteomyelitis, unspecified tibia and fibula	ICD-10-CM	Diagnosis
M86.271	Subacute osteomyelitis, right ankle and foot	ICD-10-CM	Diagnosis
M86.272	Subacute osteomyelitis, left ankle and foot	ICD-10-CM	Diagnosis
M86.279	Subacute osteomyelitis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M86.28	Subacute osteomyelitis, other site	ICD-10-CM	Diagnosis
M86.29	Subacute osteomyelitis, multiple sites	ICD-10-CM	Diagnosis
M86.30	Chronic multifocal osteomyelitis, unspecified site	ICD-10-CM	Diagnosis
M86.311	Chronic multifocal osteomyelitis, right shoulder	ICD-10-CM	Diagnosis
M86.312	Chronic multifocal osteomyelitis, left shoulder	ICD-10-CM	Diagnosis
M86.319	Chronic multifocal osteomyelitis, unspecified shoulder	ICD-10-CM	Diagnosis
M86.321	Chronic multifocal osteomyelitis, right humerus	ICD-10-CM	Diagnosis
M86.322	Chronic multifocal osteomyelitis, left humerus	ICD-10-CM	Diagnosis
M86.329	Chronic multifocal osteomyelitis, unspecified humerus	ICD-10-CM	Diagnosis
M86.331	Chronic multifocal osteomyelitis, right radius and ulna	ICD-10-CM	Diagnosis
M86.332	Chronic multifocal osteomyelitis, left radius and ulna	ICD-10-CM	Diagnosis
M86.339	Chronic multifocal osteomyelitis, unspecified radius and ulna	ICD-10-CM	Diagnosis
M86.341	Chronic multifocal osteomyelitis, right hand	ICD-10-CM	Diagnosis
M86.342	Chronic multifocal osteomyelitis, left hand	ICD-10-CM	Diagnosis
M86.349	Chronic multifocal osteomyelitis, unspecified hand	ICD-10-CM	Diagnosis
M86.351	Chronic multifocal osteomyelitis, right femur	ICD-10-CM	Diagnosis
M86.352	Chronic multifocal osteomyelitis, left femur	ICD-10-CM	Diagnosis
M86.359	Chronic multifocal osteomyelitis, unspecified femur	ICD-10-CM	Diagnosis
M86.361	Chronic multifocal osteomyelitis, right tibia and fibula	ICD-10-CM	Diagnosis
M86.362	Chronic multifocal osteomyelitis, left tibia and fibula	ICD-10-CM	Diagnosis
M86.369	Chronic multifocal osteomyelitis, unspecified tibia and fibula	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
M86.371	Chronic multifocal osteomyelitis, right ankle and foot	ICD-10-CM	Diagnosis
M86.372	Chronic multifocal osteomyelitis, left ankle and foot	ICD-10-CM	Diagnosis
M86.379	Chronic multifocal osteomyelitis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M86.38	Chronic multifocal osteomyelitis, other site	ICD-10-CM	Diagnosis
M86.39	Chronic multifocal osteomyelitis, multiple sites	ICD-10-CM	Diagnosis
M86.40	Chronic osteomyelitis with draining sinus, unspecified site	ICD-10-CM	Diagnosis
M86.411	Chronic osteomyelitis with draining sinus, right shoulder	ICD-10-CM	Diagnosis
M86.412	Chronic osteomyelitis with draining sinus, left shoulder	ICD-10-CM	Diagnosis
M86.419	Chronic osteomyelitis with draining sinus, unspecified shoulder	ICD-10-CM	Diagnosis
M86.421	Chronic osteomyelitis with draining sinus, right humerus	ICD-10-CM	Diagnosis
M86.422	Chronic osteomyelitis with draining sinus, left humerus	ICD-10-CM	Diagnosis
M86.429	Chronic osteomyelitis with draining sinus, unspecified humerus	ICD-10-CM	Diagnosis
M86.431	Chronic osteomyelitis with draining sinus, right radius and ulna	ICD-10-CM	Diagnosis
M86.432	Chronic osteomyelitis with draining sinus, left radius and ulna	ICD-10-CM	Diagnosis
M86.439	Chronic osteomyelitis with draining sinus, unspecified radius and ulna	ICD-10-CM	Diagnosis
M86.441	Chronic osteomyelitis with draining sinus, right hand	ICD-10-CM	Diagnosis
M86.442	Chronic osteomyelitis with draining sinus, left hand	ICD-10-CM	Diagnosis
M86.449	Chronic osteomyelitis with draining sinus, unspecified hand	ICD-10-CM	Diagnosis
M86.451	Chronic osteomyelitis with draining sinus, right femur	ICD-10-CM	Diagnosis
M86.452	Chronic osteomyelitis with draining sinus, left femur	ICD-10-CM	Diagnosis
M86.459	Chronic osteomyelitis with draining sinus, unspecified femur	ICD-10-CM	Diagnosis
M86.461	Chronic osteomyelitis with draining sinus, right tibia and fibula	ICD-10-CM	Diagnosis
M86.462	Chronic osteomyelitis with draining sinus, left tibia and fibula	ICD-10-CM	Diagnosis
M86.469	Chronic osteomyelitis with draining sinus, unspecified tibia and fibula	ICD-10-CM	Diagnosis
M86.471	Chronic osteomyelitis with draining sinus, right ankle and foot	ICD-10-CM	Diagnosis
M86.472	Chronic osteomyelitis with draining sinus, left ankle and foot	ICD-10-CM	Diagnosis
M86.479	Chronic osteomyelitis with draining sinus, unspecified ankle and foot	ICD-10-CM	Diagnosis
M86.48	Chronic osteomyelitis with draining sinus, other site	ICD-10-CM	Diagnosis
M86.49	Chronic osteomyelitis with draining sinus, multiple sites	ICD-10-CM	Diagnosis
M86.50	Other chronic hematogenous osteomyelitis, unspecified site	ICD-10-CM	Diagnosis
M86.511	Other chronic hematogenous osteomyelitis, right shoulder	ICD-10-CM	Diagnosis
M86.512	Other chronic hematogenous osteomyelitis, left shoulder	ICD-10-CM	Diagnosis
M86.519	Other chronic hematogenous osteomyelitis, unspecified shoulder	ICD-10-CM	Diagnosis
M86.521	Other chronic hematogenous osteomyelitis, right humerus	ICD-10-CM	Diagnosis
M86.522	Other chronic hematogenous osteomyelitis, left humerus	ICD-10-CM	Diagnosis
M86.529	Other chronic hematogenous osteomyelitis, unspecified humerus	ICD-10-CM	Diagnosis
M86.531	Other chronic hematogenous osteomyelitis, right radius and ulna	ICD-10-CM	Diagnosis
M86.532	Other chronic hematogenous osteomyelitis, left radius and ulna	ICD-10-CM	Diagnosis
M86.539	Other chronic hematogenous osteomyelitis, unspecified radius and ulna	ICD-10-CM	Diagnosis
M86.541	Other chronic hematogenous osteomyelitis, right hand	ICD-10-CM	Diagnosis
M86.542	Other chronic hematogenous osteomyelitis, left hand	ICD-10-CM	Diagnosis
M86.549	Other chronic hematogenous osteomyelitis, unspecified hand	ICD-10-CM	Diagnosis
M86.551	Other chronic hematogenous osteomyelitis, right femur	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M86.552	Other chronic hematogenous osteomyelitis, left femur	ICD-10-CM	Diagnosis
M86.559	Other chronic hematogenous osteomyelitis, unspecified femur	ICD-10-CM	Diagnosis
M86.561	Other chronic hematogenous osteomyelitis, right tibia and fibula	ICD-10-CM	Diagnosis
M86.562	Other chronic hematogenous osteomyelitis, left tibia and fibula	ICD-10-CM	Diagnosis
M86.569	Other chronic hematogenous osteomyelitis, unspecified tibia and fibula	ICD-10-CM	Diagnosis
M86.571	Other chronic hematogenous osteomyelitis, right ankle and foot	ICD-10-CM	Diagnosis
M86.572	Other chronic hematogenous osteomyelitis, left ankle and foot	ICD-10-CM	Diagnosis
M86.579	Other chronic hematogenous osteomyelitis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M86.58	Other chronic hematogenous osteomyelitis, other site	ICD-10-CM	Diagnosis
M86.59	Other chronic hematogenous osteomyelitis, multiple sites	ICD-10-CM	Diagnosis
M86.60	Other chronic osteomyelitis, unspecified site	ICD-10-CM	Diagnosis
M86.611	Other chronic osteomyelitis, right shoulder	ICD-10-CM	Diagnosis
M86.612	Other chronic osteomyelitis, left shoulder	ICD-10-CM	Diagnosis
M86.619	Other chronic osteomyelitis, unspecified shoulder	ICD-10-CM	Diagnosis
M86.621	Other chronic osteomyelitis, right humerus	ICD-10-CM	Diagnosis
M86.622	Other chronic osteomyelitis, left humerus	ICD-10-CM	Diagnosis
M86.629	Other chronic osteomyelitis, unspecified humerus	ICD-10-CM	Diagnosis
M86.631	Other chronic osteomyelitis, right radius and ulna	ICD-10-CM	Diagnosis
M86.632	Other chronic osteomyelitis, left radius and ulna	ICD-10-CM	Diagnosis
M86.639	Other chronic osteomyelitis, unspecified radius and ulna	ICD-10-CM	Diagnosis
M86.641	Other chronic osteomyelitis, right hand	ICD-10-CM	Diagnosis
M86.642	Other chronic osteomyelitis, left hand	ICD-10-CM	Diagnosis
M86.649	Other chronic osteomyelitis, unspecified hand	ICD-10-CM	Diagnosis
M86.651	Other chronic osteomyelitis, right thigh	ICD-10-CM	Diagnosis
M86.652	Other chronic osteomyelitis, left thigh	ICD-10-CM	Diagnosis
M86.659	Other chronic osteomyelitis, unspecified thigh	ICD-10-CM	Diagnosis
M86.661	Other chronic osteomyelitis, right tibia and fibula	ICD-10-CM	Diagnosis
M86.662	Other chronic osteomyelitis, left tibia and fibula	ICD-10-CM	Diagnosis
M86.669	Other chronic osteomyelitis, unspecified tibia and fibula	ICD-10-CM	Diagnosis
M86.671	Other chronic osteomyelitis, right ankle and foot	ICD-10-CM	Diagnosis
M86.672	Other chronic osteomyelitis, left ankle and foot	ICD-10-CM	Diagnosis
M86.679	Other chronic osteomyelitis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M86.68	Other chronic osteomyelitis, other site	ICD-10-CM	Diagnosis
M86.69	Other chronic osteomyelitis, multiple sites	ICD-10-CM	Diagnosis
M86.8X0	Other osteomyelitis, multiple sites	ICD-10-CM	Diagnosis
M86.8X1	Other osteomyelitis, shoulder	ICD-10-CM	Diagnosis
M86.8X2	Other osteomyelitis, upper arm	ICD-10-CM	Diagnosis
M86.8X3	Other osteomyelitis, forearm	ICD-10-CM	Diagnosis
M86.8X4	Other osteomyelitis, hand	ICD-10-CM	Diagnosis
M86.8X5	Other osteomyelitis, thigh	ICD-10-CM	Diagnosis
M86.8X6	Other osteomyelitis, lower leg	ICD-10-CM	Diagnosis
M86.8X7	Other osteomyelitis, ankle and foot	ICD-10-CM	Diagnosis
M86.8X8	Other osteomyelitis, other site	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M86.8X9	Other osteomyelitis, unspecified sites	ICD-10-CM	Diagnosis
M86.9	Osteomyelitis, unspecified	ICD-10-CM	Diagnosis
N10	Acute pyelonephritis	ICD-10-CM	Diagnosis
N11.0	Nonobstructive reflux-associated chronic pyelonephritis	ICD-10-CM	Diagnosis
N11.1	Chronic obstructive pyelonephritis	ICD-10-CM	Diagnosis
N11.8	Other chronic tubulo-interstitial nephritis	ICD-10-CM	Diagnosis
N11.9	Chronic tubulo-interstitial nephritis, unspecified	ICD-10-CM	Diagnosis
N12	Tubulo-interstitial nephritis, not specified as acute or chronic	ICD-10-CM	Diagnosis
N13.6	Pyonephrosis	ICD-10-CM	Diagnosis
N15.1	Renal and perinephric abscess	ICD-10-CM	Diagnosis
N15.9	Renal tubulo-interstitial disease, unspecified	ICD-10-CM	Diagnosis
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere	ICD-10-CM	Diagnosis
N28.84	Pyelitis cystica	ICD-10-CM	Diagnosis
N28.85	Pyeloureteritis cystica	ICD-10-CM	Diagnosis
N28.86	Ureteritis cystica	ICD-10-CM	Diagnosis
N39.0	Urinary tract infection, site not specified	ICD-10-CM	Diagnosis
R78.81	Bacteremia	ICD-10-CM	Diagnosis
A00	Cholera	ICD-10-CM	Diagnosis
A00.0	Cholera due to <i>Vibrio cholerae</i> 01, biovar cholerae	ICD-10-CM	Diagnosis
A00.1	Cholera due to <i>Vibrio cholerae</i> 01, biovar eltor	ICD-10-CM	Diagnosis
A00.9	Cholera, unspecified	ICD-10-CM	Diagnosis
A01	Typhoid and paratyphoid fevers	ICD-10-CM	Diagnosis
A01.0	Typhoid fever	ICD-10-CM	Diagnosis
A01.00	Typhoid fever, unspecified	ICD-10-CM	Diagnosis
A01.01	Typhoid meningitis	ICD-10-CM	Diagnosis
A01.02	Typhoid fever with heart involvement	ICD-10-CM	Diagnosis
A01.03	Typhoid pneumonia	ICD-10-CM	Diagnosis
A01.04	Typhoid arthritis	ICD-10-CM	Diagnosis
A01.05	Typhoid osteomyelitis	ICD-10-CM	Diagnosis
A01.09	Typhoid fever with other complications	ICD-10-CM	Diagnosis
A01.1	Paratyphoid fever A	ICD-10-CM	Diagnosis
A01.2	Paratyphoid fever B	ICD-10-CM	Diagnosis
A01.3	Paratyphoid fever C	ICD-10-CM	Diagnosis
A01.4	Paratyphoid fever, unspecified	ICD-10-CM	Diagnosis
A02	Other salmonella infections	ICD-10-CM	Diagnosis
A02.0	Salmonella enteritis	ICD-10-CM	Diagnosis
A02.1	Salmonella sepsis	ICD-10-CM	Diagnosis
A02.2	Localized salmonella infections	ICD-10-CM	Diagnosis
A02.20	Localized salmonella infection, unspecified	ICD-10-CM	Diagnosis
A02.21	Salmonella meningitis	ICD-10-CM	Diagnosis
A02.22	Salmonella pneumonia	ICD-10-CM	Diagnosis
A02.23	Salmonella arthritis	ICD-10-CM	Diagnosis
A02.24	Salmonella osteomyelitis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
A02.25	Salmonella pyelonephritis	ICD-10-CM	Diagnosis
A02.29	Salmonella with other localized infection	ICD-10-CM	Diagnosis
A02.8	Other specified salmonella infections	ICD-10-CM	Diagnosis
A02.9	Salmonella infection, unspecified	ICD-10-CM	Diagnosis
A03	Shigellosis	ICD-10-CM	Diagnosis
A03.0	Shigellosis due to Shigella dysenteriae	ICD-10-CM	Diagnosis
A03.1	Shigellosis due to Shigella flexneri	ICD-10-CM	Diagnosis
A03.2	Shigellosis due to Shigella boydii	ICD-10-CM	Diagnosis
A03.3	Shigellosis due to Shigella sonnei	ICD-10-CM	Diagnosis
A03.8	Other shigellosis	ICD-10-CM	Diagnosis
A03.9	Shigellosis, unspecified	ICD-10-CM	Diagnosis
A04	Other bacterial intestinal infections	ICD-10-CM	Diagnosis
A04.0	Enteropathogenic Escherichia coli infection	ICD-10-CM	Diagnosis
A04.1	Enterotoxigenic Escherichia coli infection	ICD-10-CM	Diagnosis
A04.2	Enteroinvasive Escherichia coli infection	ICD-10-CM	Diagnosis
A04.3	Enterohemorrhagic Escherichia coli infection	ICD-10-CM	Diagnosis
A04.4	Other intestinal Escherichia coli infections	ICD-10-CM	Diagnosis
A04.5	Campylobacter enteritis	ICD-10-CM	Diagnosis
A04.6	Enteritis due to Yersinia enterocolitica	ICD-10-CM	Diagnosis
A04.7	Enterocolitis due to Clostridium difficile	ICD-10-CM	Diagnosis
A04.71	Enterocolitis due to Clostridium difficile, recurrent	ICD-10-CM	Diagnosis
A04.72	Enterocolitis due to Clostridium difficile, not specified as recurrent	ICD-10-CM	Diagnosis
A04.8	Other specified bacterial intestinal infections	ICD-10-CM	Diagnosis
A04.9	Bacterial intestinal infection, unspecified	ICD-10-CM	Diagnosis
A15	Respiratory tuberculosis	ICD-10-CM	Diagnosis
A15.0	Tuberculosis of lung	ICD-10-CM	Diagnosis
A15.4	Tuberculosis of intrathoracic lymph nodes	ICD-10-CM	Diagnosis
A15.5	Tuberculosis of larynx, trachea and bronchus	ICD-10-CM	Diagnosis
A15.6	Tuberculous pleurisy	ICD-10-CM	Diagnosis
A15.7	Primary respiratory tuberculosis	ICD-10-CM	Diagnosis
A15.8	Other respiratory tuberculosis	ICD-10-CM	Diagnosis
A15.9	Respiratory tuberculosis unspecified	ICD-10-CM	Diagnosis
A17	Tuberculosis of nervous system	ICD-10-CM	Diagnosis
A17.0	Tuberculous meningitis	ICD-10-CM	Diagnosis
A17.1	Meningeal tuberculoma	ICD-10-CM	Diagnosis
A17.8	Other tuberculosis of nervous system	ICD-10-CM	Diagnosis
A17.81	Tuberculoma of brain and spinal cord	ICD-10-CM	Diagnosis
A17.82	Tuberculous meningoencephalitis	ICD-10-CM	Diagnosis
A17.83	Tuberculous neuritis	ICD-10-CM	Diagnosis
A17.89	Other tuberculosis of nervous system	ICD-10-CM	Diagnosis
A17.9	Tuberculosis of nervous system, unspecified	ICD-10-CM	Diagnosis
A18	Tuberculosis of other organs	ICD-10-CM	Diagnosis
A18.0	Tuberculosis of bones and joints	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
A18.01	Tuberculosis of spine	ICD-10-CM	Diagnosis
A18.02	Tuberculous arthritis of other joints	ICD-10-CM	Diagnosis
A18.03	Tuberculosis of other bones	ICD-10-CM	Diagnosis
A18.09	Other musculoskeletal tuberculosis	ICD-10-CM	Diagnosis
A18.1	Tuberculosis of genitourinary system	ICD-10-CM	Diagnosis
A18.10	Tuberculosis of genitourinary system, unspecified	ICD-10-CM	Diagnosis
A18.11	Tuberculosis of kidney and ureter	ICD-10-CM	Diagnosis
A18.12	Tuberculosis of bladder	ICD-10-CM	Diagnosis
A18.13	Tuberculosis of other urinary organs	ICD-10-CM	Diagnosis
A18.14	Tuberculosis of prostate	ICD-10-CM	Diagnosis
A18.15	Tuberculosis of other male genital organs	ICD-10-CM	Diagnosis
A18.16	Tuberculosis of cervix	ICD-10-CM	Diagnosis
A18.17	Tuberculous female pelvic inflammatory disease	ICD-10-CM	Diagnosis
A18.18	Tuberculosis of other female genital organs	ICD-10-CM	Diagnosis
A18.2	Tuberculous peripheral lymphadenopathy	ICD-10-CM	Diagnosis
A18.3	Tuberculosis of intestines, peritoneum and mesenteric glands	ICD-10-CM	Diagnosis
A18.31	Tuberculous peritonitis	ICD-10-CM	Diagnosis
A18.32	Tuberculous enteritis	ICD-10-CM	Diagnosis
A18.39	Retroperitoneal tuberculosis	ICD-10-CM	Diagnosis
A18.4	Tuberculosis of skin and subcutaneous tissue	ICD-10-CM	Diagnosis
A18.5	Tuberculosis of eye	ICD-10-CM	Diagnosis
A18.50	Tuberculosis of eye, unspecified	ICD-10-CM	Diagnosis
A18.51	Tuberculous episcleritis	ICD-10-CM	Diagnosis
A18.52	Tuberculous keratitis	ICD-10-CM	Diagnosis
A18.53	Tuberculous chorioretinitis	ICD-10-CM	Diagnosis
A18.54	Tuberculous iridocyclitis	ICD-10-CM	Diagnosis
A18.59	Other tuberculosis of eye	ICD-10-CM	Diagnosis
A18.6	Tuberculosis of (inner) (middle) ear	ICD-10-CM	Diagnosis
A18.7	Tuberculosis of adrenal glands	ICD-10-CM	Diagnosis
A18.8	Tuberculosis of other specified organs	ICD-10-CM	Diagnosis
A18.81	Tuberculosis of thyroid gland	ICD-10-CM	Diagnosis
A18.82	Tuberculosis of other endocrine glands	ICD-10-CM	Diagnosis
A18.83	Tuberculosis of digestive tract organs, not elsewhere classified	ICD-10-CM	Diagnosis
A18.84	Tuberculosis of heart	ICD-10-CM	Diagnosis
A18.85	Tuberculosis of spleen	ICD-10-CM	Diagnosis
A18.89	Tuberculosis of other sites	ICD-10-CM	Diagnosis
A19	Miliary tuberculosis	ICD-10-CM	Diagnosis
A19.0	Acute miliary tuberculosis of a single specified site	ICD-10-CM	Diagnosis
A19.1	Acute miliary tuberculosis of multiple sites	ICD-10-CM	Diagnosis
A19.2	Acute miliary tuberculosis, unspecified	ICD-10-CM	Diagnosis
A19.8	Other miliary tuberculosis	ICD-10-CM	Diagnosis
A19.9	Miliary tuberculosis, unspecified	ICD-10-CM	Diagnosis
A39	Meningococcal infection	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
A39.0	Meningococcal meningitis	ICD-10-CM	Diagnosis
A39.1	Waterhouse-Friderichsen syndrome	ICD-10-CM	Diagnosis
A39.2	Acute meningococcemia	ICD-10-CM	Diagnosis
A39.3	Chronic meningococcemia	ICD-10-CM	Diagnosis
A39.4	Meningococcemia, unspecified	ICD-10-CM	Diagnosis
A39.5	Meningococcal heart disease	ICD-10-CM	Diagnosis
A39.50	Meningococcal carditis, unspecified	ICD-10-CM	Diagnosis
A39.51	Meningococcal endocarditis	ICD-10-CM	Diagnosis
A39.52	Meningococcal myocarditis	ICD-10-CM	Diagnosis
A39.53	Meningococcal pericarditis	ICD-10-CM	Diagnosis
A39.8	Other meningococcal infections	ICD-10-CM	Diagnosis
A39.81	Meningococcal encephalitis	ICD-10-CM	Diagnosis
A39.82	Meningococcal retrobulbar neuritis	ICD-10-CM	Diagnosis
A39.83	Meningococcal arthritis	ICD-10-CM	Diagnosis
A39.84	Postmeningococcal arthritis	ICD-10-CM	Diagnosis
A39.89	Other meningococcal infections	ICD-10-CM	Diagnosis
A39.9	Meningococcal infection, unspecified	ICD-10-CM	Diagnosis
A51	Early syphilis	ICD-10-CM	Diagnosis
A51.0	Primary genital syphilis	ICD-10-CM	Diagnosis
A51.1	Primary anal syphilis	ICD-10-CM	Diagnosis
A51.2	Primary syphilis of other sites	ICD-10-CM	Diagnosis
A51.3	Secondary syphilis of skin and mucous membranes	ICD-10-CM	Diagnosis
A51.31	Condyloma latum	ICD-10-CM	Diagnosis
A51.32	Syphilitic alopecia	ICD-10-CM	Diagnosis
A51.39	Other secondary syphilis of skin	ICD-10-CM	Diagnosis
A51.4	Other secondary syphilis	ICD-10-CM	Diagnosis
A51.41	Secondary syphilitic meningitis	ICD-10-CM	Diagnosis
A51.42	Secondary syphilitic female pelvic disease	ICD-10-CM	Diagnosis
A51.43	Secondary syphilitic oculopathy	ICD-10-CM	Diagnosis
A51.44	Secondary syphilitic nephritis	ICD-10-CM	Diagnosis
A51.45	Secondary syphilitic hepatitis	ICD-10-CM	Diagnosis
A51.46	Secondary syphilitic osteopathy	ICD-10-CM	Diagnosis
A51.49	Other secondary syphilitic conditions	ICD-10-CM	Diagnosis
A51.5	Early syphilis, latent	ICD-10-CM	Diagnosis
A51.9	Early syphilis, unspecified	ICD-10-CM	Diagnosis
A52	Late syphilis	ICD-10-CM	Diagnosis
A52.0	Cardiovascular and cerebrovascular syphilis	ICD-10-CM	Diagnosis
A52.00	Cardiovascular syphilis, unspecified	ICD-10-CM	Diagnosis
A52.01	Syphilitic aneurysm of aorta	ICD-10-CM	Diagnosis
A52.02	Syphilitic aortitis	ICD-10-CM	Diagnosis
A52.03	Syphilitic endocarditis	ICD-10-CM	Diagnosis
A52.04	Syphilitic cerebral arteritis	ICD-10-CM	Diagnosis
A52.05	Other cerebrovascular syphilis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
A52.06	Other syphilitic heart involvement	ICD-10-CM	Diagnosis
A52.09	Other cardiovascular syphilis	ICD-10-CM	Diagnosis
A52.1	Symptomatic neurosyphilis	ICD-10-CM	Diagnosis
A52.10	Symptomatic neurosyphilis, unspecified	ICD-10-CM	Diagnosis
A52.11	Tabes dorsalis	ICD-10-CM	Diagnosis
A52.12	Other cerebrospinal syphilis	ICD-10-CM	Diagnosis
A52.13	Late syphilitic meningitis	ICD-10-CM	Diagnosis
A52.14	Late syphilitic encephalitis	ICD-10-CM	Diagnosis
A52.15	Late syphilitic neuropathy	ICD-10-CM	Diagnosis
A52.16	Charcot's arthropathy (tabetic)	ICD-10-CM	Diagnosis
A52.17	General paresis	ICD-10-CM	Diagnosis
A52.19	Other symptomatic neurosyphilis	ICD-10-CM	Diagnosis
A52.2	Asymptomatic neurosyphilis	ICD-10-CM	Diagnosis
A52.3	Neurosyphilis, unspecified	ICD-10-CM	Diagnosis
A52.7	Other symptomatic late syphilis	ICD-10-CM	Diagnosis
A52.71	Late syphilitic ophthalmopathy	ICD-10-CM	Diagnosis
A52.72	Syphilis of lung and bronchus	ICD-10-CM	Diagnosis
A52.73	Symptomatic late syphilis of other respiratory organs	ICD-10-CM	Diagnosis
A52.74	Syphilis of liver and other viscera	ICD-10-CM	Diagnosis
A52.75	Syphilis of kidney and ureter	ICD-10-CM	Diagnosis
A52.76	Other genitourinary symptomatic late syphilis	ICD-10-CM	Diagnosis
A52.77	Syphilis of bone and joint	ICD-10-CM	Diagnosis
A52.78	Syphilis of other musculoskeletal tissue	ICD-10-CM	Diagnosis
A52.79	Other symptomatic late syphilis	ICD-10-CM	Diagnosis
A52.8	Late syphilis, latent	ICD-10-CM	Diagnosis
A52.9	Late syphilis, unspecified	ICD-10-CM	Diagnosis
A53	Other and unspecified syphilis	ICD-10-CM	Diagnosis
A53.0	Latent syphilis, unspecified as early or late	ICD-10-CM	Diagnosis
A53.9	Syphilis, unspecified	ICD-10-CM	Diagnosis
A54	Gonococcal infection	ICD-10-CM	Diagnosis
A54.0	Gonococcal infection of lower genitourinary tract without periurethral or accessory gland abscess	ICD-10-CM	Diagnosis
A54.00	Gonococcal infection of lower genitourinary tract, unspecified	ICD-10-CM	Diagnosis
A54.01	Gonococcal cystitis and urethritis, unspecified	ICD-10-CM	Diagnosis
A54.02	Gonococcal vulvovaginitis, unspecified	ICD-10-CM	Diagnosis
A54.03	Gonococcal cervicitis, unspecified	ICD-10-CM	Diagnosis
A54.09	Other gonococcal infection of lower genitourinary tract	ICD-10-CM	Diagnosis
A54.1	Gonococcal infection of lower genitourinary tract with periurethral and accessory gland abscess	ICD-10-CM	Diagnosis
A54.2	Gonococcal pelviperitonitis and other gonococcal genitourinary infection	ICD-10-CM	Diagnosis
A54.21	Gonococcal infection of kidney and ureter	ICD-10-CM	Diagnosis
A54.22	Gonococcal prostatitis	ICD-10-CM	Diagnosis
A54.23	Gonococcal infection of other male genital organs	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
A54.24	Gonococcal female pelvic inflammatory disease	ICD-10-CM	Diagnosis
A54.29	Other gonococcal genitourinary infections	ICD-10-CM	Diagnosis
A54.3	Gonococcal infection of eye	ICD-10-CM	Diagnosis
A54.30	Gonococcal infection of eye, unspecified	ICD-10-CM	Diagnosis
A54.31	Gonococcal conjunctivitis	ICD-10-CM	Diagnosis
A54.32	Gonococcal iridocyclitis	ICD-10-CM	Diagnosis
A54.33	Gonococcal keratitis	ICD-10-CM	Diagnosis
A54.39	Other gonococcal eye infection	ICD-10-CM	Diagnosis
A54.4	Gonococcal infection of musculoskeletal system	ICD-10-CM	Diagnosis
A54.40	Gonococcal infection of musculoskeletal system, unspecified	ICD-10-CM	Diagnosis
A54.41	Gonococcal spondylopathy	ICD-10-CM	Diagnosis
A54.42	Gonococcal arthritis	ICD-10-CM	Diagnosis
A54.43	Gonococcal osteomyelitis	ICD-10-CM	Diagnosis
A54.49	Gonococcal infection of other musculoskeletal tissue	ICD-10-CM	Diagnosis
A54.5	Gonococcal pharyngitis	ICD-10-CM	Diagnosis
A54.6	Gonococcal infection of anus and rectum	ICD-10-CM	Diagnosis
A54.8	Other gonococcal infections	ICD-10-CM	Diagnosis
A54.81	Gonococcal meningitis	ICD-10-CM	Diagnosis
A54.82	Gonococcal brain abscess	ICD-10-CM	Diagnosis
A54.83	Gonococcal heart infection	ICD-10-CM	Diagnosis
A54.84	Gonococcal pneumonia	ICD-10-CM	Diagnosis
A54.85	Gonococcal peritonitis	ICD-10-CM	Diagnosis
A54.86	Gonococcal sepsis	ICD-10-CM	Diagnosis
A54.89	Other gonococcal infections	ICD-10-CM	Diagnosis
A54.9	Gonococcal infection, unspecified	ICD-10-CM	Diagnosis
A55	Chlamydial lymphogranuloma (venereum)	ICD-10-CM	Diagnosis
A56	Other sexually transmitted chlamydial diseases	ICD-10-CM	Diagnosis
A56.0	Chlamydial infection of lower genitourinary tract	ICD-10-CM	Diagnosis
A56.00	Chlamydial infection of lower genitourinary tract, unspecified	ICD-10-CM	Diagnosis
A56.01	Chlamydial cystitis and urethritis	ICD-10-CM	Diagnosis
A56.02	Chlamydial vulvovaginitis	ICD-10-CM	Diagnosis
A56.09	Other chlamydial infection of lower genitourinary tract	ICD-10-CM	Diagnosis
A56.1	Chlamydial infection of pelviperitoneum and other genitourinary organs	ICD-10-CM	Diagnosis
A56.11	Chlamydial female pelvic inflammatory disease	ICD-10-CM	Diagnosis
A56.19	Other chlamydial genitourinary infection	ICD-10-CM	Diagnosis
A56.2	Chlamydial infection of genitourinary tract, unspecified	ICD-10-CM	Diagnosis
A56.3	Chlamydial infection of anus and rectum	ICD-10-CM	Diagnosis
A56.4	Chlamydial infection of pharynx	ICD-10-CM	Diagnosis
A56.8	Sexually transmitted chlamydial infection of other sites	ICD-10-CM	Diagnosis
A57	Chancroid	ICD-10-CM	Diagnosis
A58	Granuloma inguinale	ICD-10-CM	Diagnosis
Cancer			
C00.0	Malignant neoplasm of external upper lip	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C00.1	Malignant neoplasm of external lower lip	ICD-10-CM	Diagnosis
C00.2	Malignant neoplasm of external lip, unspecified	ICD-10-CM	Diagnosis
C00.3	Malignant neoplasm of upper lip, inner aspect	ICD-10-CM	Diagnosis
C00.4	Malignant neoplasm of lower lip, inner aspect	ICD-10-CM	Diagnosis
C00.5	Malignant neoplasm of lip, unspecified, inner aspect	ICD-10-CM	Diagnosis
C00.6	Malignant neoplasm of commissure of lip, unspecified	ICD-10-CM	Diagnosis
C00.8	Malignant neoplasm of overlapping sites of lip	ICD-10-CM	Diagnosis
C00.9	Malignant neoplasm of lip, unspecified	ICD-10-CM	Diagnosis
C01	Malignant neoplasm of base of tongue	ICD-10-CM	Diagnosis
C02.0	Malignant neoplasm of dorsal surface of tongue	ICD-10-CM	Diagnosis
C02.1	Malignant neoplasm of border of tongue	ICD-10-CM	Diagnosis
C02.2	Malignant neoplasm of ventral surface of tongue	ICD-10-CM	Diagnosis
C02.3	Malignant neoplasm of anterior two-thirds of tongue, part unspecified	ICD-10-CM	Diagnosis
C02.4	Malignant neoplasm of lingual tonsil	ICD-10-CM	Diagnosis
C02.8	Malignant neoplasm of overlapping sites of tongue	ICD-10-CM	Diagnosis
C02.9	Malignant neoplasm of tongue, unspecified	ICD-10-CM	Diagnosis
C03.0	Malignant neoplasm of upper gum	ICD-10-CM	Diagnosis
C03.1	Malignant neoplasm of lower gum	ICD-10-CM	Diagnosis
C03.9	Malignant neoplasm of gum, unspecified	ICD-10-CM	Diagnosis
C04.0	Malignant neoplasm of anterior floor of mouth	ICD-10-CM	Diagnosis
C04.1	Malignant neoplasm of lateral floor of mouth	ICD-10-CM	Diagnosis
C04.8	Malignant neoplasm of overlapping sites of floor of mouth	ICD-10-CM	Diagnosis
C04.9	Malignant neoplasm of floor of mouth, unspecified	ICD-10-CM	Diagnosis
C05.0	Malignant neoplasm of hard palate	ICD-10-CM	Diagnosis
C05.1	Malignant neoplasm of soft palate	ICD-10-CM	Diagnosis
C05.2	Malignant neoplasm of uvula	ICD-10-CM	Diagnosis
C05.8	Malignant neoplasm of overlapping sites of palate	ICD-10-CM	Diagnosis
C05.9	Malignant neoplasm of palate, unspecified	ICD-10-CM	Diagnosis
C06.0	Malignant neoplasm of cheek mucosa	ICD-10-CM	Diagnosis
C06.1	Malignant neoplasm of vestibule of mouth	ICD-10-CM	Diagnosis
C06.2	Malignant neoplasm of retromolar area	ICD-10-CM	Diagnosis
C06.80	Malignant neoplasm of overlapping sites of unspecified parts of mouth	ICD-10-CM	Diagnosis
C06.89	Malignant neoplasm of overlapping sites of other parts of mouth	ICD-10-CM	Diagnosis
C06.9	Malignant neoplasm of mouth, unspecified	ICD-10-CM	Diagnosis
C07	Malignant neoplasm of parotid gland	ICD-10-CM	Diagnosis
C08.0	Malignant neoplasm of submandibular gland	ICD-10-CM	Diagnosis
C08.1	Malignant neoplasm of sublingual gland	ICD-10-CM	Diagnosis
C08.9	Malignant neoplasm of major salivary gland, unspecified	ICD-10-CM	Diagnosis
C09.0	Malignant neoplasm of tonsillar fossa	ICD-10-CM	Diagnosis
C09.1	Malignant neoplasm of tonsillar pillar (anterior) (posterior)	ICD-10-CM	Diagnosis
C09.8	Malignant neoplasm of overlapping sites of tonsil	ICD-10-CM	Diagnosis
C09.9	Malignant neoplasm of tonsil, unspecified	ICD-10-CM	Diagnosis
C10.0	Malignant neoplasm of vallecula	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C10.1	Malignant neoplasm of anterior surface of epiglottis	ICD-10-CM	Diagnosis
C10.2	Malignant neoplasm of lateral wall of oropharynx	ICD-10-CM	Diagnosis
C10.3	Malignant neoplasm of posterior wall of oropharynx	ICD-10-CM	Diagnosis
C10.4	Malignant neoplasm of branchial cleft	ICD-10-CM	Diagnosis
C10.8	Malignant neoplasm of overlapping sites of oropharynx	ICD-10-CM	Diagnosis
C10.9	Malignant neoplasm of oropharynx, unspecified	ICD-10-CM	Diagnosis
C11.0	Malignant neoplasm of superior wall of nasopharynx	ICD-10-CM	Diagnosis
C11.1	Malignant neoplasm of posterior wall of nasopharynx	ICD-10-CM	Diagnosis
C11.2	Malignant neoplasm of lateral wall of nasopharynx	ICD-10-CM	Diagnosis
C11.3	Malignant neoplasm of anterior wall of nasopharynx	ICD-10-CM	Diagnosis
C11.8	Malignant neoplasm of overlapping sites of nasopharynx	ICD-10-CM	Diagnosis
C11.9	Malignant neoplasm of nasopharynx, unspecified	ICD-10-CM	Diagnosis
C12	Malignant neoplasm of pyriform sinus	ICD-10-CM	Diagnosis
C13.0	Malignant neoplasm of postcricoid region	ICD-10-CM	Diagnosis
C13.1	Malignant neoplasm of aryepiglottic fold, hypopharyngeal aspect	ICD-10-CM	Diagnosis
C13.2	Malignant neoplasm of posterior wall of hypopharynx	ICD-10-CM	Diagnosis
C13.8	Malignant neoplasm of overlapping sites of hypopharynx	ICD-10-CM	Diagnosis
C13.9	Malignant neoplasm of hypopharynx, unspecified	ICD-10-CM	Diagnosis
C14.0	Malignant neoplasm of pharynx, unspecified	ICD-10-CM	Diagnosis
C14.2	Malignant neoplasm of Waldeyer's ring	ICD-10-CM	Diagnosis
C14.8	Malignant neoplasm of overlapping sites of lip, oral cavity and pharynx	ICD-10-CM	Diagnosis
C15.3	Malignant neoplasm of upper third of esophagus	ICD-10-CM	Diagnosis
C15.4	Malignant neoplasm of middle third of esophagus	ICD-10-CM	Diagnosis
C15.5	Malignant neoplasm of lower third of esophagus	ICD-10-CM	Diagnosis
C15.8	Malignant neoplasm of overlapping sites of esophagus	ICD-10-CM	Diagnosis
C15.9	Malignant neoplasm of esophagus, unspecified	ICD-10-CM	Diagnosis
C16.0	Malignant neoplasm of cardia	ICD-10-CM	Diagnosis
C16.1	Malignant neoplasm of fundus of stomach	ICD-10-CM	Diagnosis
C16.2	Malignant neoplasm of body of stomach	ICD-10-CM	Diagnosis
C16.3	Malignant neoplasm of pyloric antrum	ICD-10-CM	Diagnosis
C16.4	Malignant neoplasm of pylorus	ICD-10-CM	Diagnosis
C16.5	Malignant neoplasm of lesser curvature of stomach, unspecified	ICD-10-CM	Diagnosis
C16.6	Malignant neoplasm of greater curvature of stomach, unspecified	ICD-10-CM	Diagnosis
C16.8	Malignant neoplasm of overlapping sites of stomach	ICD-10-CM	Diagnosis
C16.9	Malignant neoplasm of stomach, unspecified	ICD-10-CM	Diagnosis
C17.0	Malignant neoplasm of duodenum	ICD-10-CM	Diagnosis
C17.1	Malignant neoplasm of jejunum	ICD-10-CM	Diagnosis
C17.2	Malignant neoplasm of ileum	ICD-10-CM	Diagnosis
C17.3	Meckel's diverticulum, malignant	ICD-10-CM	Diagnosis
C17.8	Malignant neoplasm of overlapping sites of small intestine	ICD-10-CM	Diagnosis
C17.9	Malignant neoplasm of small intestine, unspecified	ICD-10-CM	Diagnosis
C18.0	Malignant neoplasm of cecum	ICD-10-CM	Diagnosis
C18.1	Malignant neoplasm of appendix	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C18.2	Malignant neoplasm of ascending colon	ICD-10-CM	Diagnosis
C18.3	Malignant neoplasm of hepatic flexure	ICD-10-CM	Diagnosis
C18.4	Malignant neoplasm of transverse colon	ICD-10-CM	Diagnosis
C18.5	Malignant neoplasm of splenic flexure	ICD-10-CM	Diagnosis
C18.6	Malignant neoplasm of descending colon	ICD-10-CM	Diagnosis
C18.7	Malignant neoplasm of sigmoid colon	ICD-10-CM	Diagnosis
C18.8	Malignant neoplasm of overlapping sites of colon	ICD-10-CM	Diagnosis
C18.9	Malignant neoplasm of colon, unspecified	ICD-10-CM	Diagnosis
C19	Malignant neoplasm of rectosigmoid junction	ICD-10-CM	Diagnosis
C20	Malignant neoplasm of rectum	ICD-10-CM	Diagnosis
C21.0	Malignant neoplasm of anus, unspecified	ICD-10-CM	Diagnosis
C21.1	Malignant neoplasm of anal canal	ICD-10-CM	Diagnosis
C21.2	Malignant neoplasm of cloacogenic zone	ICD-10-CM	Diagnosis
C21.8	Malignant neoplasm of overlapping sites of rectum, anus and anal canal	ICD-10-CM	Diagnosis
C22.0	Liver cell carcinoma	ICD-10-CM	Diagnosis
C22.1	Intrahepatic bile duct carcinoma	ICD-10-CM	Diagnosis
C22.2	Hepatoblastoma	ICD-10-CM	Diagnosis
C22.3	Angiosarcoma of liver	ICD-10-CM	Diagnosis
C22.4	Other sarcomas of liver	ICD-10-CM	Diagnosis
C22.7	Other specified carcinomas of liver	ICD-10-CM	Diagnosis
C22.8	Malignant neoplasm of liver, primary, unspecified as to type	ICD-10-CM	Diagnosis
C22.9	Malignant neoplasm of liver, not specified as primary or secondary	ICD-10-CM	Diagnosis
C23	Malignant neoplasm of gallbladder	ICD-10-CM	Diagnosis
C24.0	Malignant neoplasm of extrahepatic bile duct	ICD-10-CM	Diagnosis
C24.1	Malignant neoplasm of ampulla of Vater	ICD-10-CM	Diagnosis
C24.8	Malignant neoplasm of overlapping sites of biliary tract	ICD-10-CM	Diagnosis
C24.9	Malignant neoplasm of biliary tract, unspecified	ICD-10-CM	Diagnosis
C25.0	Malignant neoplasm of head of pancreas	ICD-10-CM	Diagnosis
C25.1	Malignant neoplasm of body of pancreas	ICD-10-CM	Diagnosis
C25.2	Malignant neoplasm of tail of pancreas	ICD-10-CM	Diagnosis
C25.3	Malignant neoplasm of pancreatic duct	ICD-10-CM	Diagnosis
C25.4	Malignant neoplasm of endocrine pancreas	ICD-10-CM	Diagnosis
C25.7	Malignant neoplasm of other parts of pancreas	ICD-10-CM	Diagnosis
C25.8	Malignant neoplasm of overlapping sites of pancreas	ICD-10-CM	Diagnosis
C25.9	Malignant neoplasm of pancreas, unspecified	ICD-10-CM	Diagnosis
C26.0	Malignant neoplasm of intestinal tract, part unspecified	ICD-10-CM	Diagnosis
C26.1	Malignant neoplasm of spleen	ICD-10-CM	Diagnosis
C26.9	Malignant neoplasm of ill-defined sites within the digestive system	ICD-10-CM	Diagnosis
C30.0	Malignant neoplasm of nasal cavity	ICD-10-CM	Diagnosis
C30.1	Malignant neoplasm of middle ear	ICD-10-CM	Diagnosis
C31.0	Malignant neoplasm of maxillary sinus	ICD-10-CM	Diagnosis
C31.1	Malignant neoplasm of ethmoidal sinus	ICD-10-CM	Diagnosis
C31.2	Malignant neoplasm of frontal sinus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C31.3	Malignant neoplasm of sphenoid sinus	ICD-10-CM	Diagnosis
C31.8	Malignant neoplasm of overlapping sites of accessory sinuses	ICD-10-CM	Diagnosis
C31.9	Malignant neoplasm of accessory sinus, unspecified	ICD-10-CM	Diagnosis
C32.0	Malignant neoplasm of glottis	ICD-10-CM	Diagnosis
C32.1	Malignant neoplasm of supraglottis	ICD-10-CM	Diagnosis
C32.2	Malignant neoplasm of subglottis	ICD-10-CM	Diagnosis
C32.3	Malignant neoplasm of laryngeal cartilage	ICD-10-CM	Diagnosis
C32.8	Malignant neoplasm of overlapping sites of larynx	ICD-10-CM	Diagnosis
C32.9	Malignant neoplasm of larynx, unspecified	ICD-10-CM	Diagnosis
C33	Malignant neoplasm of trachea	ICD-10-CM	Diagnosis
C34.00	Malignant neoplasm of unspecified main bronchus	ICD-10-CM	Diagnosis
C34.01	Malignant neoplasm of right main bronchus	ICD-10-CM	Diagnosis
C34.02	Malignant neoplasm of left main bronchus	ICD-10-CM	Diagnosis
C34.10	Malignant neoplasm of upper lobe, unspecified bronchus or lung	ICD-10-CM	Diagnosis
C34.11	Malignant neoplasm of upper lobe, right bronchus or lung	ICD-10-CM	Diagnosis
C34.12	Malignant neoplasm of upper lobe, left bronchus or lung	ICD-10-CM	Diagnosis
C34.2	Malignant neoplasm of middle lobe, bronchus or lung	ICD-10-CM	Diagnosis
C34.30	Malignant neoplasm of lower lobe, unspecified bronchus or lung	ICD-10-CM	Diagnosis
C34.31	Malignant neoplasm of lower lobe, right bronchus or lung	ICD-10-CM	Diagnosis
C34.32	Malignant neoplasm of lower lobe, left bronchus or lung	ICD-10-CM	Diagnosis
C34.80	Malignant neoplasm of overlapping sites of unspecified bronchus and lung	ICD-10-CM	Diagnosis
C34.81	Malignant neoplasm of overlapping sites of right bronchus and lung	ICD-10-CM	Diagnosis
C34.82	Malignant neoplasm of overlapping sites of left bronchus and lung	ICD-10-CM	Diagnosis
C34.90	Malignant neoplasm of unspecified part of unspecified bronchus or lung	ICD-10-CM	Diagnosis
C34.91	Malignant neoplasm of unspecified part of right bronchus or lung	ICD-10-CM	Diagnosis
C34.92	Malignant neoplasm of unspecified part of left bronchus or lung	ICD-10-CM	Diagnosis
C37	Malignant neoplasm of thymus	ICD-10-CM	Diagnosis
C38.0	Malignant neoplasm of heart	ICD-10-CM	Diagnosis
C38.1	Malignant neoplasm of anterior mediastinum	ICD-10-CM	Diagnosis
C38.2	Malignant neoplasm of posterior mediastinum	ICD-10-CM	Diagnosis
C38.3	Malignant neoplasm of mediastinum, part unspecified	ICD-10-CM	Diagnosis
C38.4	Malignant neoplasm of pleura	ICD-10-CM	Diagnosis
C38.8	Malignant neoplasm of overlapping sites of heart, mediastinum and pleura	ICD-10-CM	Diagnosis
C39.0	Malignant neoplasm of upper respiratory tract, part unspecified	ICD-10-CM	Diagnosis
C39.9	Malignant neoplasm of lower respiratory tract, part unspecified	ICD-10-CM	Diagnosis
C40.00	Malignant neoplasm of scapula and long bones of unspecified upper limb	ICD-10-CM	Diagnosis
C40.01	Malignant neoplasm of scapula and long bones of right upper limb	ICD-10-CM	Diagnosis
C40.02	Malignant neoplasm of scapula and long bones of left upper limb	ICD-10-CM	Diagnosis
C40.10	Malignant neoplasm of short bones of unspecified upper limb	ICD-10-CM	Diagnosis
C40.11	Malignant neoplasm of short bones of right upper limb	ICD-10-CM	Diagnosis
C40.12	Malignant neoplasm of short bones of left upper limb	ICD-10-CM	Diagnosis
C40.20	Malignant neoplasm of long bones of unspecified lower limb	ICD-10-CM	Diagnosis
C40.21	Malignant neoplasm of long bones of right lower limb	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C40.22	Malignant neoplasm of long bones of left lower limb	ICD-10-CM	Diagnosis
C40.30	Malignant neoplasm of short bones of unspecified lower limb	ICD-10-CM	Diagnosis
C40.31	Malignant neoplasm of short bones of right lower limb	ICD-10-CM	Diagnosis
C40.32	Malignant neoplasm of short bones of left lower limb	ICD-10-CM	Diagnosis
C40.80	Malignant neoplasm of overlapping sites of bone and articular cartilage of unspecified limb	ICD-10-CM	Diagnosis
C40.81	Malignant neoplasm of overlapping sites of bone and articular cartilage of right limb	ICD-10-CM	Diagnosis
C40.82	Malignant neoplasm of overlapping sites of bone and articular cartilage of left limb	ICD-10-CM	Diagnosis
C40.90	Malignant neoplasm of unspecified bones and articular cartilage of unspecified limb	ICD-10-CM	Diagnosis
C40.91	Malignant neoplasm of unspecified bones and articular cartilage of right limb	ICD-10-CM	Diagnosis
C40.92	Malignant neoplasm of unspecified bones and articular cartilage of left limb	ICD-10-CM	Diagnosis
C41.0	Malignant neoplasm of bones of skull and face	ICD-10-CM	Diagnosis
C41.1	Malignant neoplasm of mandible	ICD-10-CM	Diagnosis
C41.2	Malignant neoplasm of vertebral column	ICD-10-CM	Diagnosis
C41.3	Malignant neoplasm of ribs, sternum and clavicle	ICD-10-CM	Diagnosis
C41.4	Malignant neoplasm of pelvic bones, sacrum and coccyx	ICD-10-CM	Diagnosis
C41.9	Malignant neoplasm of bone and articular cartilage, unspecified	ICD-10-CM	Diagnosis
C45.0	Mesothelioma of pleura	ICD-10-CM	Diagnosis
C45.1	Mesothelioma of peritoneum	ICD-10-CM	Diagnosis
C45.2	Mesothelioma of pericardium	ICD-10-CM	Diagnosis
C45.7	Mesothelioma of other sites	ICD-10-CM	Diagnosis
C45.9	Mesothelioma, unspecified	ICD-10-CM	Diagnosis
C46.0	Kaposi's sarcoma of skin	ICD-10-CM	Diagnosis
C46.1	Kaposi's sarcoma of soft tissue	ICD-10-CM	Diagnosis
C46.2	Kaposi's sarcoma of palate	ICD-10-CM	Diagnosis
C46.3	Kaposi's sarcoma of lymph nodes	ICD-10-CM	Diagnosis
C46.4	Kaposi's sarcoma of gastrointestinal sites	ICD-10-CM	Diagnosis
C46.50	Kaposi's sarcoma of unspecified lung	ICD-10-CM	Diagnosis
C46.51	Kaposi's sarcoma of right lung	ICD-10-CM	Diagnosis
C46.52	Kaposi's sarcoma of left lung	ICD-10-CM	Diagnosis
C46.7	Kaposi's sarcoma of other sites	ICD-10-CM	Diagnosis
C46.9	Kaposi's sarcoma, unspecified	ICD-10-CM	Diagnosis
C47.0	Malignant neoplasm of peripheral nerves of head, face and neck	ICD-10-CM	Diagnosis
C47.10	Malignant neoplasm of peripheral nerves of unspecified upper limb, including shoulder	ICD-10-CM	Diagnosis
C47.11	Malignant neoplasm of peripheral nerves of right upper limb, including shoulder	ICD-10-CM	Diagnosis
C47.12	Malignant neoplasm of peripheral nerves of left upper limb, including shoulder	ICD-10-CM	Diagnosis
C47.20	Malignant neoplasm of peripheral nerves of unspecified lower limb, including hip	ICD-10-CM	Diagnosis
C47.21	Malignant neoplasm of peripheral nerves of right lower limb, including hip	ICD-10-CM	Diagnosis
C47.22	Malignant neoplasm of peripheral nerves of left lower limb, including hip	ICD-10-CM	Diagnosis
C47.3	Malignant neoplasm of peripheral nerves of thorax	ICD-10-CM	Diagnosis
C47.4	Malignant neoplasm of peripheral nerves of abdomen	ICD-10-CM	Diagnosis
C47.5	Malignant neoplasm of peripheral nerves of pelvis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C47.6	Malignant neoplasm of peripheral nerves of trunk, unspecified	ICD-10-CM	Diagnosis
C47.8	Malignant neoplasm of overlapping sites of peripheral nerves and autonomic nervous system	ICD-10-CM	Diagnosis
C47.9	Malignant neoplasm of peripheral nerves and autonomic nervous system,	ICD-10-CM	Diagnosis
C48.0	Malignant neoplasm of retroperitoneum	ICD-10-CM	Diagnosis
C48.1	Malignant neoplasm of specified parts of peritoneum	ICD-10-CM	Diagnosis
C48.2	Malignant neoplasm of peritoneum, unspecified	ICD-10-CM	Diagnosis
C48.8	Malignant neoplasm of overlapping sites of retroperitoneum and peritoneum	ICD-10-CM	Diagnosis
C49.0	Malignant neoplasm of connective and soft tissue of head, face and neck	ICD-10-CM	Diagnosis
C49.10	Malignant neoplasm of connective and soft tissue of unspecified upper limb, including shoulder	ICD-10-CM	Diagnosis
C49.11	Malignant neoplasm of connective and soft tissue of right upper limb, including shoulder	ICD-10-CM	Diagnosis
C49.12	Malignant neoplasm of connective and soft tissue of left upper limb, including shoulder	ICD-10-CM	Diagnosis
C49.20	Malignant neoplasm of connective and soft tissue of unspecified lower limb, including hip	ICD-10-CM	Diagnosis
C49.21	Malignant neoplasm of connective and soft tissue of right lower limb, including hip	ICD-10-CM	Diagnosis
C49.22	Malignant neoplasm of connective and soft tissue of left lower limb, including hip	ICD-10-CM	Diagnosis
C49.3	Malignant neoplasm of connective and soft tissue of thorax	ICD-10-CM	Diagnosis
C49.4	Malignant neoplasm of connective and soft tissue of abdomen	ICD-10-CM	Diagnosis
C49.5	Malignant neoplasm of connective and soft tissue of pelvis	ICD-10-CM	Diagnosis
C49.6	Malignant neoplasm of connective and soft tissue of trunk, unspecified	ICD-10-CM	Diagnosis
C49.8	Malignant neoplasm of overlapping sites of connective and soft tissue	ICD-10-CM	Diagnosis
C49.9	Malignant neoplasm of connective and soft tissue, unspecified	ICD-10-CM	Diagnosis
C49.A0	Gastrointestinal stromal tumor, unspecified site	ICD-10-CM	Diagnosis
C49.A1	Gastrointestinal stromal tumor of esophagus	ICD-10-CM	Diagnosis
C49.A2	Gastrointestinal stromal tumor of stomach	ICD-10-CM	Diagnosis
C49.A3	Gastrointestinal stromal tumor of small intestine	ICD-10-CM	Diagnosis
C49.A4	Gastrointestinal stromal tumor of large intestine	ICD-10-CM	Diagnosis
C49.A5	Gastrointestinal stromal tumor of rectum	ICD-10-CM	Diagnosis
C49.A9	Gastrointestinal stromal tumor of other sites	ICD-10-CM	Diagnosis
C50.011	Malignant neoplasm of nipple and areola, right female breast	ICD-10-CM	Diagnosis
C50.012	Malignant neoplasm of nipple and areola, left female breast	ICD-10-CM	Diagnosis
C50.019	Malignant neoplasm of nipple and areola, unspecified female breast	ICD-10-CM	Diagnosis
C50.021	Malignant neoplasm of nipple and areola, right male breast	ICD-10-CM	Diagnosis
C50.022	Malignant neoplasm of nipple and areola, left male breast	ICD-10-CM	Diagnosis
C50.029	Malignant neoplasm of nipple and areola, unspecified male breast	ICD-10-CM	Diagnosis
C50.111	Malignant neoplasm of central portion of right female breast	ICD-10-CM	Diagnosis
C50.112	Malignant neoplasm of central portion of left female breast	ICD-10-CM	Diagnosis
C50.119	Malignant neoplasm of central portion of unspecified female breast	ICD-10-CM	Diagnosis
C50.121	Malignant neoplasm of central portion of right male breast	ICD-10-CM	Diagnosis
C50.122	Malignant neoplasm of central portion of left male breast	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C50.129	Malignant neoplasm of central portion of unspecified male breast	ICD-10-CM	Diagnosis
C50.211	Malignant neoplasm of upper-inner quadrant of right female breast	ICD-10-CM	Diagnosis
C50.212	Malignant neoplasm of upper-inner quadrant of left female breast	ICD-10-CM	Diagnosis
C50.219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	ICD-10-CM	Diagnosis
C50.221	Malignant neoplasm of upper-inner quadrant of right male breast	ICD-10-CM	Diagnosis
C50.222	Malignant neoplasm of upper-inner quadrant of left male breast	ICD-10-CM	Diagnosis
C50.229	Malignant neoplasm of upper-inner quadrant of unspecified male breast	ICD-10-CM	Diagnosis
C50.311	Malignant neoplasm of lower-inner quadrant of right female breast	ICD-10-CM	Diagnosis
C50.312	Malignant neoplasm of lower-inner quadrant of left female breast	ICD-10-CM	Diagnosis
C50.319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	ICD-10-CM	Diagnosis
C50.321	Malignant neoplasm of lower-inner quadrant of right male breast	ICD-10-CM	Diagnosis
C50.322	Malignant neoplasm of lower-inner quadrant of left male breast	ICD-10-CM	Diagnosis
C50.329	Malignant neoplasm of lower-inner quadrant of unspecified male breast	ICD-10-CM	Diagnosis
C50.411	Malignant neoplasm of upper-outer quadrant of right female breast	ICD-10-CM	Diagnosis
C50.412	Malignant neoplasm of upper-outer quadrant of left female breast	ICD-10-CM	Diagnosis
C50.419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	ICD-10-CM	Diagnosis
C50.421	Malignant neoplasm of upper-outer quadrant of right male breast	ICD-10-CM	Diagnosis
C50.422	Malignant neoplasm of upper-outer quadrant of left male breast	ICD-10-CM	Diagnosis
C50.429	Malignant neoplasm of upper-outer quadrant of unspecified male breast	ICD-10-CM	Diagnosis
C50.511	Malignant neoplasm of lower-outer quadrant of right female breast	ICD-10-CM	Diagnosis
C50.512	Malignant neoplasm of lower-outer quadrant of left female breast	ICD-10-CM	Diagnosis
C50.519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	ICD-10-CM	Diagnosis
C50.521	Malignant neoplasm of lower-outer quadrant of right male breast	ICD-10-CM	Diagnosis
C50.522	Malignant neoplasm of lower-outer quadrant of left male breast	ICD-10-CM	Diagnosis
C50.529	Malignant neoplasm of lower-outer quadrant of unspecified male breast	ICD-10-CM	Diagnosis
C50.611	Malignant neoplasm of axillary tail of right female breast	ICD-10-CM	Diagnosis
C50.612	Malignant neoplasm of axillary tail of left female breast	ICD-10-CM	Diagnosis
C50.619	Malignant neoplasm of axillary tail of unspecified female breast	ICD-10-CM	Diagnosis
C50.621	Malignant neoplasm of axillary tail of right male breast	ICD-10-CM	Diagnosis
C50.622	Malignant neoplasm of axillary tail of left male breast	ICD-10-CM	Diagnosis
C50.629	Malignant neoplasm of axillary tail of unspecified male breast	ICD-10-CM	Diagnosis
C50.811	Malignant neoplasm of overlapping sites of right female breast	ICD-10-CM	Diagnosis
C50.812	Malignant neoplasm of overlapping sites of left female breast	ICD-10-CM	Diagnosis
C50.819	Malignant neoplasm of overlapping sites of unspecified female breast	ICD-10-CM	Diagnosis
C50.821	Malignant neoplasm of overlapping sites of right male breast	ICD-10-CM	Diagnosis
C50.822	Malignant neoplasm of overlapping sites of left male breast	ICD-10-CM	Diagnosis
C50.829	Malignant neoplasm of overlapping sites of unspecified male breast	ICD-10-CM	Diagnosis
C50.911	Malignant neoplasm of unspecified site of right female breast	ICD-10-CM	Diagnosis
C50.912	Malignant neoplasm of unspecified site of left female breast	ICD-10-CM	Diagnosis
C50.919	Malignant neoplasm of unspecified site of unspecified female breast	ICD-10-CM	Diagnosis
C50.921	Malignant neoplasm of unspecified site of right male breast	ICD-10-CM	Diagnosis
C50.922	Malignant neoplasm of unspecified site of left male breast	ICD-10-CM	Diagnosis
C50.929	Malignant neoplasm of unspecified site of unspecified male breast	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C51.0	Malignant neoplasm of labium majus	ICD-10-CM	Diagnosis
C51.1	Malignant neoplasm of labium minus	ICD-10-CM	Diagnosis
C51.2	Malignant neoplasm of clitoris	ICD-10-CM	Diagnosis
C51.8	Malignant neoplasm of overlapping sites of vulva	ICD-10-CM	Diagnosis
C51.9	Malignant neoplasm of vulva, unspecified	ICD-10-CM	Diagnosis
C52	Malignant neoplasm of vagina	ICD-10-CM	Diagnosis
C53.0	Malignant neoplasm of endocervix	ICD-10-CM	Diagnosis
C53.1	Malignant neoplasm of exocervix	ICD-10-CM	Diagnosis
C53.8	Malignant neoplasm of overlapping sites of cervix uteri	ICD-10-CM	Diagnosis
C53.9	Malignant neoplasm of cervix uteri, unspecified	ICD-10-CM	Diagnosis
C54.0	Malignant neoplasm of isthmus uteri	ICD-10-CM	Diagnosis
C54.1	Malignant neoplasm of endometrium	ICD-10-CM	Diagnosis
C54.2	Malignant neoplasm of myometrium	ICD-10-CM	Diagnosis
C54.3	Malignant neoplasm of fundus uteri	ICD-10-CM	Diagnosis
C54.8	Malignant neoplasm of overlapping sites of corpus uteri	ICD-10-CM	Diagnosis
C54.9	Malignant neoplasm of corpus uteri, unspecified	ICD-10-CM	Diagnosis
C55	Malignant neoplasm of uterus, part unspecified	ICD-10-CM	Diagnosis
C56.1	Malignant neoplasm of right ovary	ICD-10-CM	Diagnosis
C56.2	Malignant neoplasm of left ovary	ICD-10-CM	Diagnosis
C56.9	Malignant neoplasm of unspecified ovary	ICD-10-CM	Diagnosis
C57.00	Malignant neoplasm of unspecified fallopian tube	ICD-10-CM	Diagnosis
C57.01	Malignant neoplasm of right fallopian tube	ICD-10-CM	Diagnosis
C57.02	Malignant neoplasm of left fallopian tube	ICD-10-CM	Diagnosis
C57.10	Malignant neoplasm of unspecified broad ligament	ICD-10-CM	Diagnosis
C57.11	Malignant neoplasm of right broad ligament	ICD-10-CM	Diagnosis
C57.12	Malignant neoplasm of left broad ligament	ICD-10-CM	Diagnosis
C57.20	Malignant neoplasm of unspecified round ligament	ICD-10-CM	Diagnosis
C57.21	Malignant neoplasm of right round ligament	ICD-10-CM	Diagnosis
C57.22	Malignant neoplasm of left round ligament	ICD-10-CM	Diagnosis
C57.3	Malignant neoplasm of parametrium	ICD-10-CM	Diagnosis
C57.4	Malignant neoplasm of uterine adnexa, unspecified	ICD-10-CM	Diagnosis
C57.7	Malignant neoplasm of other specified female genital organs	ICD-10-CM	Diagnosis
C57.8	Malignant neoplasm of overlapping sites of female genital organs	ICD-10-CM	Diagnosis
C57.9	Malignant neoplasm of female genital organ, unspecified	ICD-10-CM	Diagnosis
C58	Malignant neoplasm of placenta	ICD-10-CM	Diagnosis
C60.0	Malignant neoplasm of prepuce	ICD-10-CM	Diagnosis
C60.1	Malignant neoplasm of glans penis	ICD-10-CM	Diagnosis
C60.2	Malignant neoplasm of body of penis	ICD-10-CM	Diagnosis
C60.8	Malignant neoplasm of overlapping sites of penis	ICD-10-CM	Diagnosis
C60.9	Malignant neoplasm of penis, unspecified	ICD-10-CM	Diagnosis
C61	Malignant neoplasm of prostate	ICD-10-CM	Diagnosis
C62.00	Malignant neoplasm of unspecified undescended testis	ICD-10-CM	Diagnosis
C62.01	Malignant neoplasm of undescended right testis	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C62.02	Malignant neoplasm of undescended left testis	ICD-10-CM	Diagnosis
C62.10	Malignant neoplasm of unspecified descended testis	ICD-10-CM	Diagnosis
C62.11	Malignant neoplasm of descended right testis	ICD-10-CM	Diagnosis
C62.12	Malignant neoplasm of descended left testis	ICD-10-CM	Diagnosis
C62.90	Malignant neoplasm of unspecified testis, unspecified whether descended or undescended	ICD-10-CM	Diagnosis
C62.91	Malignant neoplasm of right testis, unspecified whether descended or undescended	ICD-10-CM	Diagnosis
C62.92	Malignant neoplasm of left testis, unspecified whether descended or undescended	ICD-10-CM	Diagnosis
C63.00	Malignant neoplasm of unspecified epididymis	ICD-10-CM	Diagnosis
C63.01	Malignant neoplasm of right epididymis	ICD-10-CM	Diagnosis
C63.02	Malignant neoplasm of left epididymis	ICD-10-CM	Diagnosis
C63.10	Malignant neoplasm of unspecified spermatic cord	ICD-10-CM	Diagnosis
C63.11	Malignant neoplasm of right spermatic cord	ICD-10-CM	Diagnosis
C63.12	Malignant neoplasm of left spermatic cord	ICD-10-CM	Diagnosis
C63.2	Malignant neoplasm of scrotum	ICD-10-CM	Diagnosis
C63.7	Malignant neoplasm of other specified male genital organs	ICD-10-CM	Diagnosis
C63.8	Malignant neoplasm of overlapping sites of male genital organs	ICD-10-CM	Diagnosis
C63.9	Malignant neoplasm of male genital organ, unspecified	ICD-10-CM	Diagnosis
C64.1	Malignant neoplasm of right kidney, except renal pelvis	ICD-10-CM	Diagnosis
C64.2	Malignant neoplasm of left kidney, except renal pelvis	ICD-10-CM	Diagnosis
C64.9	Malignant neoplasm of unspecified kidney, except renal pelvis	ICD-10-CM	Diagnosis
C65.1	Malignant neoplasm of right renal pelvis	ICD-10-CM	Diagnosis
C65.2	Malignant neoplasm of left renal pelvis	ICD-10-CM	Diagnosis
C65.9	Malignant neoplasm of unspecified renal pelvis	ICD-10-CM	Diagnosis
C66.1	Malignant neoplasm of right ureter	ICD-10-CM	Diagnosis
C66.2	Malignant neoplasm of left ureter	ICD-10-CM	Diagnosis
C66.9	Malignant neoplasm of unspecified ureter	ICD-10-CM	Diagnosis
C67.0	Malignant neoplasm of trigone of bladder	ICD-10-CM	Diagnosis
C67.1	Malignant neoplasm of dome of bladder	ICD-10-CM	Diagnosis
C67.2	Malignant neoplasm of lateral wall of bladder	ICD-10-CM	Diagnosis
C67.3	Malignant neoplasm of anterior wall of bladder	ICD-10-CM	Diagnosis
C67.4	Malignant neoplasm of posterior wall of bladder	ICD-10-CM	Diagnosis
C67.5	Malignant neoplasm of bladder neck	ICD-10-CM	Diagnosis
C67.6	Malignant neoplasm of ureteric orifice	ICD-10-CM	Diagnosis
C67.7	Malignant neoplasm of urachus	ICD-10-CM	Diagnosis
C67.8	Malignant neoplasm of overlapping sites of bladder	ICD-10-CM	Diagnosis
C67.9	Malignant neoplasm of bladder, unspecified	ICD-10-CM	Diagnosis
C68.0	Malignant neoplasm of urethra	ICD-10-CM	Diagnosis
C68.1	Malignant neoplasm of paraurethral glands	ICD-10-CM	Diagnosis
C68.8	Malignant neoplasm of overlapping sites of urinary organs	ICD-10-CM	Diagnosis
C68.9	Malignant neoplasm of urinary organ, unspecified	ICD-10-CM	Diagnosis
C69.00	Malignant neoplasm of unspecified conjunctiva	ICD-10-CM	Diagnosis
C69.01	Malignant neoplasm of right conjunctiva	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C69.02	Malignant neoplasm of left conjunctiva	ICD-10-CM	Diagnosis
C69.10	Malignant neoplasm of unspecified cornea	ICD-10-CM	Diagnosis
C69.11	Malignant neoplasm of right cornea	ICD-10-CM	Diagnosis
C69.12	Malignant neoplasm of left cornea	ICD-10-CM	Diagnosis
C69.20	Malignant neoplasm of unspecified retina	ICD-10-CM	Diagnosis
C69.21	Malignant neoplasm of right retina	ICD-10-CM	Diagnosis
C69.22	Malignant neoplasm of left retina	ICD-10-CM	Diagnosis
C69.30	Malignant neoplasm of unspecified choroid	ICD-10-CM	Diagnosis
C69.31	Malignant neoplasm of right choroid	ICD-10-CM	Diagnosis
C69.32	Malignant neoplasm of left choroid	ICD-10-CM	Diagnosis
C69.40	Malignant neoplasm of unspecified ciliary body	ICD-10-CM	Diagnosis
C69.41	Malignant neoplasm of right ciliary body	ICD-10-CM	Diagnosis
C69.42	Malignant neoplasm of left ciliary body	ICD-10-CM	Diagnosis
C69.50	Malignant neoplasm of unspecified lacrimal gland and duct	ICD-10-CM	Diagnosis
C69.51	Malignant neoplasm of right lacrimal gland and duct	ICD-10-CM	Diagnosis
C69.52	Malignant neoplasm of left lacrimal gland and duct	ICD-10-CM	Diagnosis
C69.60	Malignant neoplasm of unspecified orbit	ICD-10-CM	Diagnosis
C69.61	Malignant neoplasm of right orbit	ICD-10-CM	Diagnosis
C69.62	Malignant neoplasm of left orbit	ICD-10-CM	Diagnosis
C69.80	Malignant neoplasm of overlapping sites of unspecified eye and adnexa	ICD-10-CM	Diagnosis
C69.81	Malignant neoplasm of overlapping sites of right eye and adnexa	ICD-10-CM	Diagnosis
C69.82	Malignant neoplasm of overlapping sites of left eye and adnexa	ICD-10-CM	Diagnosis
C69.90	Malignant neoplasm of unspecified site of unspecified eye	ICD-10-CM	Diagnosis
C69.91	Malignant neoplasm of unspecified site of right eye	ICD-10-CM	Diagnosis
C69.92	Malignant neoplasm of unspecified site of left eye	ICD-10-CM	Diagnosis
C70.0	Malignant neoplasm of cerebral meninges	ICD-10-CM	Diagnosis
C70.1	Malignant neoplasm of spinal meninges	ICD-10-CM	Diagnosis
C70.9	Malignant neoplasm of meninges, unspecified	ICD-10-CM	Diagnosis
C71.0	Malignant neoplasm of cerebrum, except lobes and ventricles	ICD-10-CM	Diagnosis
C71.1	Malignant neoplasm of frontal lobe	ICD-10-CM	Diagnosis
C71.2	Malignant neoplasm of temporal lobe	ICD-10-CM	Diagnosis
C71.3	Malignant neoplasm of parietal lobe	ICD-10-CM	Diagnosis
C71.4	Malignant neoplasm of occipital lobe	ICD-10-CM	Diagnosis
C71.5	Malignant neoplasm of cerebral ventricle	ICD-10-CM	Diagnosis
C71.6	Malignant neoplasm of cerebellum	ICD-10-CM	Diagnosis
C71.7	Malignant neoplasm of brain stem	ICD-10-CM	Diagnosis
C71.8	Malignant neoplasm of overlapping sites of brain	ICD-10-CM	Diagnosis
C71.9	Malignant neoplasm of brain, unspecified	ICD-10-CM	Diagnosis
C72.0	Malignant neoplasm of spinal cord	ICD-10-CM	Diagnosis
C72.1	Malignant neoplasm of cauda equina	ICD-10-CM	Diagnosis
C72.20	Malignant neoplasm of unspecified olfactory nerve	ICD-10-CM	Diagnosis
C72.21	Malignant neoplasm of right olfactory nerve	ICD-10-CM	Diagnosis
C72.22	Malignant neoplasm of left olfactory nerve	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C72.30	Malignant neoplasm of unspecified optic nerve	ICD-10-CM	Diagnosis
C72.31	Malignant neoplasm of right optic nerve	ICD-10-CM	Diagnosis
C72.32	Malignant neoplasm of left optic nerve	ICD-10-CM	Diagnosis
C72.40	Malignant neoplasm of unspecified acoustic nerve	ICD-10-CM	Diagnosis
C72.41	Malignant neoplasm of right acoustic nerve	ICD-10-CM	Diagnosis
C72.42	Malignant neoplasm of left acoustic nerve	ICD-10-CM	Diagnosis
C72.50	Malignant neoplasm of unspecified cranial nerve	ICD-10-CM	Diagnosis
C72.59	Malignant neoplasm of other cranial nerves	ICD-10-CM	Diagnosis
C72.9	Malignant neoplasm of central nervous system, unspecified	ICD-10-CM	Diagnosis
C73	Malignant neoplasm of thyroid gland	ICD-10-CM	Diagnosis
C74.00	Malignant neoplasm of cortex of unspecified adrenal gland	ICD-10-CM	Diagnosis
C74.01	Malignant neoplasm of cortex of right adrenal gland	ICD-10-CM	Diagnosis
C74.02	Malignant neoplasm of cortex of left adrenal gland	ICD-10-CM	Diagnosis
C74.10	Malignant neoplasm of medulla of unspecified adrenal gland	ICD-10-CM	Diagnosis
C74.11	Malignant neoplasm of medulla of right adrenal gland	ICD-10-CM	Diagnosis
C74.12	Malignant neoplasm of medulla of left adrenal gland	ICD-10-CM	Diagnosis
C74.90	Malignant neoplasm of unspecified part of unspecified adrenal gland	ICD-10-CM	Diagnosis
C74.91	Malignant neoplasm of unspecified part of right adrenal gland	ICD-10-CM	Diagnosis
C74.92	Malignant neoplasm of unspecified part of left adrenal gland	ICD-10-CM	Diagnosis
C75.0	Malignant neoplasm of parathyroid gland	ICD-10-CM	Diagnosis
C75.1	Malignant neoplasm of pituitary gland	ICD-10-CM	Diagnosis
C75.2	Malignant neoplasm of craniopharyngeal duct	ICD-10-CM	Diagnosis
C75.3	Malignant neoplasm of pineal gland	ICD-10-CM	Diagnosis
C75.4	Malignant neoplasm of carotid body	ICD-10-CM	Diagnosis
C75.5	Malignant neoplasm of aortic body and other paraganglia	ICD-10-CM	Diagnosis
C75.8	Malignant neoplasm with pluriglandular involvement, unspecified	ICD-10-CM	Diagnosis
C75.9	Malignant neoplasm of endocrine gland, unspecified	ICD-10-CM	Diagnosis
C76.0	Malignant neoplasm of head, face and neck	ICD-10-CM	Diagnosis
C76.1	Malignant neoplasm of thorax	ICD-10-CM	Diagnosis
C76.2	Malignant neoplasm of abdomen	ICD-10-CM	Diagnosis
C76.3	Malignant neoplasm of pelvis	ICD-10-CM	Diagnosis
C76.40	Malignant neoplasm of unspecified upper limb	ICD-10-CM	Diagnosis
C76.41	Malignant neoplasm of right upper limb	ICD-10-CM	Diagnosis
C76.42	Malignant neoplasm of left upper limb	ICD-10-CM	Diagnosis
C76.50	Malignant neoplasm of unspecified lower limb	ICD-10-CM	Diagnosis
C76.51	Malignant neoplasm of right lower limb	ICD-10-CM	Diagnosis
C76.52	Malignant neoplasm of left lower limb	ICD-10-CM	Diagnosis
C76.8	Malignant neoplasm of other specified ill-defined sites	ICD-10-CM	Diagnosis
C77.0	Secondary and unspecified malignant neoplasm of lymph nodes of head, face and neck	ICD-10-CM	Diagnosis
C77.1	Secondary and unspecified malignant neoplasm of intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C77.2	Secondary and unspecified malignant neoplasm of intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C77.3	Secondary and unspecified malignant neoplasm of axilla and upper limb lymph nodes	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C77.4	Secondary and unspecified malignant neoplasm of inguinal and lower limb lymph nodes	ICD-10-CM	Diagnosis
C77.5	Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C77.8	Secondary and unspecified malignant neoplasm of lymph nodes of multiple regions	ICD-10-CM	Diagnosis
C77.9	Secondary and unspecified malignant neoplasm of lymph node, unspecified	ICD-10-CM	Diagnosis
C78.00	Secondary malignant neoplasm of unspecified lung	ICD-10-CM	Diagnosis
C78.01	Secondary malignant neoplasm of right lung	ICD-10-CM	Diagnosis
C78.02	Secondary malignant neoplasm of left lung	ICD-10-CM	Diagnosis
C78.1	Secondary malignant neoplasm of mediastinum	ICD-10-CM	Diagnosis
C78.2	Secondary malignant neoplasm of pleura	ICD-10-CM	Diagnosis
C78.30	Secondary malignant neoplasm of unspecified respiratory organ	ICD-10-CM	Diagnosis
C78.39	Secondary malignant neoplasm of other respiratory organs	ICD-10-CM	Diagnosis
C78.4	Secondary malignant neoplasm of small intestine	ICD-10-CM	Diagnosis
C78.5	Secondary malignant neoplasm of large intestine and rectum	ICD-10-CM	Diagnosis
C78.6	Secondary malignant neoplasm of retroperitoneum and peritoneum	ICD-10-CM	Diagnosis
C78.7	Secondary malignant neoplasm of liver and intrahepatic bile duct	ICD-10-CM	Diagnosis
C78.80	Secondary malignant neoplasm of unspecified digestive organ	ICD-10-CM	Diagnosis
C78.89	Secondary malignant neoplasm of other digestive organs	ICD-10-CM	Diagnosis
C79.00	Secondary malignant neoplasm of unspecified kidney and renal pelvis	ICD-10-CM	Diagnosis
C79.01	Secondary malignant neoplasm of right kidney and renal pelvis	ICD-10-CM	Diagnosis
C79.02	Secondary malignant neoplasm of left kidney and renal pelvis	ICD-10-CM	Diagnosis
C79.10	Secondary malignant neoplasm of unspecified urinary organs	ICD-10-CM	Diagnosis
C79.11	Secondary malignant neoplasm of bladder	ICD-10-CM	Diagnosis
C79.19	Secondary malignant neoplasm of other urinary organs	ICD-10-CM	Diagnosis
C79.2	Secondary malignant neoplasm of skin	ICD-10-CM	Diagnosis
C79.31	Secondary malignant neoplasm of brain	ICD-10-CM	Diagnosis
C79.32	Secondary malignant neoplasm of cerebral meninges	ICD-10-CM	Diagnosis
C79.40	Secondary malignant neoplasm of unspecified part of nervous system	ICD-10-CM	Diagnosis
C79.49	Secondary malignant neoplasm of other parts of nervous system	ICD-10-CM	Diagnosis
C79.51	Secondary malignant neoplasm of bone	ICD-10-CM	Diagnosis
C79.52	Secondary malignant neoplasm of bone marrow	ICD-10-CM	Diagnosis
C79.60	Secondary malignant neoplasm of unspecified ovary	ICD-10-CM	Diagnosis
C79.61	Secondary malignant neoplasm of right ovary	ICD-10-CM	Diagnosis
C79.62	Secondary malignant neoplasm of left ovary	ICD-10-CM	Diagnosis
C79.70	Secondary malignant neoplasm of unspecified adrenal gland	ICD-10-CM	Diagnosis
C79.71	Secondary malignant neoplasm of right adrenal gland	ICD-10-CM	Diagnosis
C79.72	Secondary malignant neoplasm of left adrenal gland	ICD-10-CM	Diagnosis
C79.81	Secondary malignant neoplasm of breast	ICD-10-CM	Diagnosis
C79.82	Secondary malignant neoplasm of genital organs	ICD-10-CM	Diagnosis
C79.89	Secondary malignant neoplasm of other specified sites	ICD-10-CM	Diagnosis
C79.9	Secondary malignant neoplasm of unspecified site	ICD-10-CM	Diagnosis
C80.0	Disseminated malignant neoplasm, unspecified	ICD-10-CM	Diagnosis
C80.1	Malignant (primary) neoplasm, unspecified	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C80.2	Malignant neoplasm associated with transplanted organ	ICD-10-CM	Diagnosis
C81.00	Nodular lymphocyte predominant Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.01	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.02	Nodular lymphocyte predominant Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.03	Nodular lymphocyte predominant Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.04	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.05	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.06	Nodular lymphocyte predominant Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.07	Nodular lymphocyte predominant Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.08	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.09	Nodular lymphocyte predominant Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.10	Nodular sclerosis Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.11	Nodular sclerosis Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.12	Nodular sclerosis Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.13	Nodular sclerosis Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.14	Nodular sclerosis Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.15	Nodular sclerosis Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.16	Nodular sclerosis Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.17	Nodular sclerosis Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.18	Nodular sclerosis Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.19	Nodular sclerosis Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.20	Mixed cellularity Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.21	Mixed cellularity Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.22	Mixed cellularity Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.23	Mixed cellularity Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.24	Mixed cellularity Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.25	Mixed cellularity Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.26	Mixed cellularity Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.27	Mixed cellularity Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.28	Mixed cellularity Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.29	Mixed cellularity Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.30	Lymphocyte depleted Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.31	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.32	Lymphocyte depleted Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.33	Lymphocyte depleted Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.34	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.35	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.36	Lymphocyte depleted Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C81.37	Lymphocyte depleted Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.38	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.39	Lymphocyte depleted Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.40	Lymphocyte-rich Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.41	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.42	Lymphocyte-rich Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.43	Lymphocyte-rich Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.44	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.45	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.46	Lymphocyte-rich Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.47	Lymphocyte-rich Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.48	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.49	Lymphocyte-rich Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.70	Other Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.71	Other Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.72	Other Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.73	Other Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.74	Other Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.75	Other Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.76	Other Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.77	Other Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.78	Other Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.79	Other Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.90	Hodgkin lymphoma, unspecified, unspecified site	ICD-10-CM	Diagnosis
C81.91	Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.92	Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.93	Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.94	Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.95	Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.96	Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.97	Hodgkin lymphoma, unspecified, spleen	ICD-10-CM	Diagnosis
C81.98	Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.99	Hodgkin lymphoma, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.00	Follicular lymphoma grade I, unspecified site	ICD-10-CM	Diagnosis
C82.01	Follicular lymphoma grade I, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.02	Follicular lymphoma grade I, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.03	Follicular lymphoma grade I, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.04	Follicular lymphoma grade I, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.05	Follicular lymphoma grade I, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.06	Follicular lymphoma grade I, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.07	Follicular lymphoma grade I, spleen	ICD-10-CM	Diagnosis
C82.08	Follicular lymphoma grade I, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.09	Follicular lymphoma grade I, extranodal and solid organ sites	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C82.10	Follicular lymphoma grade II, unspecified site	ICD-10-CM	Diagnosis
C82.11	Follicular lymphoma grade II, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.12	Follicular lymphoma grade II, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.13	Follicular lymphoma grade II, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.14	Follicular lymphoma grade II, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.15	Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.16	Follicular lymphoma grade II, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.17	Follicular lymphoma grade II, spleen	ICD-10-CM	Diagnosis
C82.18	Follicular lymphoma grade II, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.19	Follicular lymphoma grade II, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.20	Follicular lymphoma grade III, unspecified, unspecified site	ICD-10-CM	Diagnosis
C82.21	Follicular lymphoma grade III, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.22	Follicular lymphoma grade III, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.23	Follicular lymphoma grade III, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.24	Follicular lymphoma grade III, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.25	Follicular lymphoma grade III, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.26	Follicular lymphoma grade III, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.27	Follicular lymphoma grade III, unspecified, spleen	ICD-10-CM	Diagnosis
C82.28	Follicular lymphoma grade III, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.29	Follicular lymphoma grade III, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.30	Follicular lymphoma grade IIIa, unspecified site	ICD-10-CM	Diagnosis
C82.31	Follicular lymphoma grade IIIa, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.32	Follicular lymphoma grade IIIa, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.33	Follicular lymphoma grade IIIa, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.34	Follicular lymphoma grade IIIa, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.35	Follicular lymphoma grade IIIa, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.36	Follicular lymphoma grade IIIa, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.37	Follicular lymphoma grade IIIa, spleen	ICD-10-CM	Diagnosis
C82.38	Follicular lymphoma grade IIIa, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.39	Follicular lymphoma grade IIIa, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.40	Follicular lymphoma grade IIIb, unspecified site	ICD-10-CM	Diagnosis
C82.41	Follicular lymphoma grade IIIb, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.42	Follicular lymphoma grade IIIb, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.43	Follicular lymphoma grade IIIb, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.44	Follicular lymphoma grade IIIb, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.45	Follicular lymphoma grade IIIb, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.46	Follicular lymphoma grade IIIb, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.47	Follicular lymphoma grade IIIb, spleen	ICD-10-CM	Diagnosis
C82.48	Follicular lymphoma grade IIIb, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.49	Follicular lymphoma grade IIIb, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.50	Diffuse follicle center lymphoma, unspecified site	ICD-10-CM	Diagnosis
C82.51	Diffuse follicle center lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C82.52	Diffuse follicle center lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.53	Diffuse follicle center lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.54	Diffuse follicle center lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.55	Diffuse follicle center lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.56	Diffuse follicle center lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.57	Diffuse follicle center lymphoma, spleen	ICD-10-CM	Diagnosis
C82.58	Diffuse follicle center lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.59	Diffuse follicle center lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.60	Cutaneous follicle center lymphoma, unspecified site	ICD-10-CM	Diagnosis
C82.61	Cutaneous follicle center lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.62	Cutaneous follicle center lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.63	Cutaneous follicle center lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.64	Cutaneous follicle center lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.65	Cutaneous follicle center lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.66	Cutaneous follicle center lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.67	Cutaneous follicle center lymphoma, spleen	ICD-10-CM	Diagnosis
C82.68	Cutaneous follicle center lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.69	Cutaneous follicle center lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.80	Other types of follicular lymphoma, unspecified site	ICD-10-CM	Diagnosis
C82.81	Other types of follicular lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.82	Other types of follicular lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.83	Other types of follicular lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.84	Other types of follicular lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.85	Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.86	Other types of follicular lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.87	Other types of follicular lymphoma, spleen	ICD-10-CM	Diagnosis
C82.88	Other types of follicular lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.89	Other types of follicular lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.90	Follicular lymphoma, unspecified, unspecified site	ICD-10-CM	Diagnosis
C82.91	Follicular lymphoma, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.92	Follicular lymphoma, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.93	Follicular lymphoma, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.94	Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.95	Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.96	Follicular lymphoma, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.97	Follicular lymphoma, unspecified, spleen	ICD-10-CM	Diagnosis
C82.98	Follicular lymphoma, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.99	Follicular lymphoma, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.00	Small cell B-cell lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.01	Small cell B-cell lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.02	Small cell B-cell lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.03	Small cell B-cell lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.04	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C83.05	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.06	Small cell B-cell lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.07	Small cell B-cell lymphoma, spleen	ICD-10-CM	Diagnosis
C83.08	Small cell B-cell lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.09	Small cell B-cell lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.10	Mantle cell lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.11	Mantle cell lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.12	Mantle cell lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.13	Mantle cell lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.14	Mantle cell lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.15	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.16	Mantle cell lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.17	Mantle cell lymphoma, spleen	ICD-10-CM	Diagnosis
C83.18	Mantle cell lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.19	Mantle cell lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.30	Diffuse large B-cell lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.31	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.32	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.33	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.34	Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.35	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.36	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.37	Diffuse large B-cell lymphoma, spleen	ICD-10-CM	Diagnosis
C83.38	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.39	Diffuse large B-cell lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.50	Lymphoblastic (diffuse) lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.51	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.52	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.53	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.54	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.55	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.56	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.57	Lymphoblastic (diffuse) lymphoma, spleen	ICD-10-CM	Diagnosis
C83.58	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.59	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.70	Burkitt lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.71	Burkitt lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.72	Burkitt lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.73	Burkitt lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.74	Burkitt lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.75	Burkitt lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.76	Burkitt lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.77	Burkitt lymphoma, spleen	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C83.78	Burkitt lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.79	Burkitt lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.80	Other non-follicular lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.81	Other non-follicular lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.82	Other non-follicular lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.83	Other non-follicular lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.84	Other non-follicular lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.85	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.86	Other non-follicular lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.87	Other non-follicular lymphoma, spleen	ICD-10-CM	Diagnosis
C83.88	Other non-follicular lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.89	Other non-follicular lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.90	Non-follicular (diffuse) lymphoma, unspecified, unspecified site	ICD-10-CM	Diagnosis
C83.91	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.92	Non-follicular (diffuse) lymphoma, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.93	Non-follicular (diffuse) lymphoma, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.94	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.95	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.96	Non-follicular (diffuse) lymphoma, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.97	Non-follicular (diffuse) lymphoma, unspecified, spleen	ICD-10-CM	Diagnosis
C83.98	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.99	Non-follicular (diffuse) lymphoma, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.00	Mycosis fungoides, unspecified site	ICD-10-CM	Diagnosis
C84.01	Mycosis fungoides, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.02	Mycosis fungoides, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.03	Mycosis fungoides, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.04	Mycosis fungoides, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.05	Mycosis fungoides, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.06	Mycosis fungoides, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.07	Mycosis fungoides, spleen	ICD-10-CM	Diagnosis
C84.08	Mycosis fungoides, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.09	Mycosis fungoides, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.10	Sezary disease, unspecified site	ICD-10-CM	Diagnosis
C84.11	Sezary disease, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.12	Sezary disease, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.13	Sezary disease, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.14	Sezary disease, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.15	Sezary disease, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.16	Sezary disease, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.17	Sezary disease, spleen	ICD-10-CM	Diagnosis
C84.18	Sezary disease, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.19	Sezary disease, extranodal and solid organ sites	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C84.40	Peripheral T-cell lymphoma, not classified, unspecified site	ICD-10-CM	Diagnosis
C84.41	Peripheral T-cell lymphoma, not classified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.42	Peripheral T-cell lymphoma, not classified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.43	Peripheral T-cell lymphoma, not classified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.44	Peripheral T-cell lymphoma, not classified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.45	Peripheral T-cell lymphoma, not classified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.46	Peripheral T-cell lymphoma, not classified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.47	Peripheral T-cell lymphoma, not classified, spleen	ICD-10-CM	Diagnosis
C84.48	Peripheral T-cell lymphoma, not classified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.49	Peripheral T-cell lymphoma, not classified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.60	Anaplastic large cell lymphoma, ALK-positive, unspecified site	ICD-10-CM	Diagnosis
C84.61	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.62	Anaplastic large cell lymphoma, ALK-positive, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.63	Anaplastic large cell lymphoma, ALK-positive, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.64	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.65	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.66	Anaplastic large cell lymphoma, ALK-positive, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.67	Anaplastic large cell lymphoma, ALK-positive, spleen	ICD-10-CM	Diagnosis
C84.68	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.69	Anaplastic large cell lymphoma, ALK-positive, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.70	Anaplastic large cell lymphoma, ALK-negative, unspecified site	ICD-10-CM	Diagnosis
C84.71	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.72	Anaplastic large cell lymphoma, ALK-negative, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.73	Anaplastic large cell lymphoma, ALK-negative, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.74	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.75	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.76	Anaplastic large cell lymphoma, ALK-negative, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.77	Anaplastic large cell lymphoma, ALK-negative, spleen	ICD-10-CM	Diagnosis
C84.78	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.79	Anaplastic large cell lymphoma, ALK-negative, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.90	Mature T/NK-cell lymphomas, unspecified, unspecified site	ICD-10-CM	Diagnosis
C84.91	Mature T/NK-cell lymphomas, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.92	Mature T/NK-cell lymphomas, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.93	Mature T/NK-cell lymphomas, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.94	Mature T/NK-cell lymphomas, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.95	Mature T/NK-cell lymphomas, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.96	Mature T/NK-cell lymphomas, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.97	Mature T/NK-cell lymphomas, unspecified, spleen	ICD-10-CM	Diagnosis
C84.98	Mature T/NK-cell lymphomas, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C84.99	Mature T/NK-cell lymphomas, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.A0	Cutaneous T-cell lymphoma, unspecified, unspecified site	ICD-10-CM	Diagnosis
C84.A1	Cutaneous T-cell lymphoma, unspecified lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.A2	Cutaneous T-cell lymphoma, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.A3	Cutaneous T-cell lymphoma, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.A4	Cutaneous T-cell lymphoma, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.A5	Cutaneous T-cell lymphoma, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.A6	Cutaneous T-cell lymphoma, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.A7	Cutaneous T-cell lymphoma, unspecified, spleen	ICD-10-CM	Diagnosis
C84.A8	Cutaneous T-cell lymphoma, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.A9	Cutaneous T-cell lymphoma, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.Z0	Other mature T/NK-cell lymphomas, unspecified site	ICD-10-CM	Diagnosis
C84.Z1	Other mature T/NK-cell lymphomas, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.Z2	Other mature T/NK-cell lymphomas, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.Z3	Other mature T/NK-cell lymphomas, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.Z4	Other mature T/NK-cell lymphomas, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.Z5	Other mature T/NK-cell lymphomas, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.Z6	Other mature T/NK-cell lymphomas, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.Z7	Other mature T/NK-cell lymphomas, spleen	ICD-10-CM	Diagnosis
C84.Z8	Other mature T/NK-cell lymphomas, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.Z9	Other mature T/NK-cell lymphomas, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C85.10	Unspecified B-cell lymphoma, unspecified site	ICD-10-CM	Diagnosis
C85.11	Unspecified B-cell lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C85.12	Unspecified B-cell lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C85.13	Unspecified B-cell lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C85.14	Unspecified B-cell lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C85.15	Unspecified B-cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C85.16	Unspecified B-cell lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C85.17	Unspecified B-cell lymphoma, spleen	ICD-10-CM	Diagnosis
C85.18	Unspecified B-cell lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C85.19	Unspecified B-cell lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C85.20	Mediastinal (thymic) large B-cell lymphoma, unspecified site	ICD-10-CM	Diagnosis
C85.21	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C85.22	Mediastinal (thymic) large B-cell lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C85.23	Mediastinal (thymic) large B-cell lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C85.24	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C85.25	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C85.26	Mediastinal (thymic) large B-cell lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C85.27	Mediastinal (thymic) large B-cell lymphoma, spleen	ICD-10-CM	Diagnosis
C85.28	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C85.29	Mediastinal (thymic) large B-cell lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C85.80	Other specified types of non-Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C85.81	Other specified types of non-Hodgkin lymphoma, lymph nodes of head, face, and	ICD-10-CM	Diagnosis
C85.82	Other specified types of non-Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C85.83	Other specified types of non-Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C85.84	Other specified types of non-Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C85.85	Other specified types of non-Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C85.86	Other specified types of non-Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C85.87	Other specified types of non-Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C85.88	Other specified types of non-Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C85.89	Other specified types of non-Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C85.90	Non-Hodgkin lymphoma, unspecified, unspecified site	ICD-10-CM	Diagnosis
C85.91	Non-Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C85.92	Non-Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C85.93	Non-Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C85.94	Non-Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C85.95	Non-Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C85.96	Non-Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C85.97	Non-Hodgkin lymphoma, unspecified, spleen	ICD-10-CM	Diagnosis
C85.98	Non-Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C85.99	Non-Hodgkin lymphoma, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C86.0	Extranodal NK/T-cell lymphoma, nasal type	ICD-10-CM	Diagnosis
C86.1	Hepatosplenic T-cell lymphoma	ICD-10-CM	Diagnosis
C86.2	Enteropathy-type (intestinal) T-cell lymphoma	ICD-10-CM	Diagnosis
C86.3	Subcutaneous panniculitis-like T-cell lymphoma	ICD-10-CM	Diagnosis
C86.4	Blastic NK-cell lymphoma	ICD-10-CM	Diagnosis
C86.5	Angioimmunoblastic T-cell lymphoma	ICD-10-CM	Diagnosis
C86.6	Primary cutaneous CD30-positive T-cell proliferations	ICD-10-CM	Diagnosis
C88.0	Waldenstrom macroglobulinemia	ICD-10-CM	Diagnosis
C88.2	Heavy chain disease	ICD-10-CM	Diagnosis
C88.3	Immunoproliferative small intestinal disease	ICD-10-CM	Diagnosis
C88.4	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT-lymphoma]	ICD-10-CM	Diagnosis
C88.8	Other malignant immunoproliferative diseases	ICD-10-CM	Diagnosis
C88.9	Malignant immunoproliferative disease, unspecified	ICD-10-CM	Diagnosis
C90.00	Multiple myeloma not having achieved remission	ICD-10-CM	Diagnosis
C90.01	Multiple myeloma in remission	ICD-10-CM	Diagnosis
C90.02	Multiple myeloma in relapse	ICD-10-CM	Diagnosis
C90.10	Plasma cell leukemia not having achieved remission	ICD-10-CM	Diagnosis
C90.11	Plasma cell leukemia in remission	ICD-10-CM	Diagnosis
C90.12	Plasma cell leukemia in relapse	ICD-10-CM	Diagnosis
C90.20	Extramedullary plasmacytoma not having achieved remission	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C90.21	Extramedullary plasmacytoma in remission	ICD-10-CM	Diagnosis
C90.22	Extramedullary plasmacytoma in relapse	ICD-10-CM	Diagnosis
C90.30	Solitary plasmacytoma not having achieved remission	ICD-10-CM	Diagnosis
C90.31	Solitary plasmacytoma in remission	ICD-10-CM	Diagnosis
C90.32	Solitary plasmacytoma in relapse	ICD-10-CM	Diagnosis
C91.00	Acute lymphoblastic leukemia not having achieved remission	ICD-10-CM	Diagnosis
C91.01	Acute lymphoblastic leukemia, in remission	ICD-10-CM	Diagnosis
C91.02	Acute lymphoblastic leukemia, in relapse	ICD-10-CM	Diagnosis
C91.10	Chronic lymphocytic leukemia of B-cell type not having achieved remission	ICD-10-CM	Diagnosis
C91.11	Chronic lymphocytic leukemia of B-cell type in remission	ICD-10-CM	Diagnosis
C91.12	Chronic lymphocytic leukemia of B-cell type in relapse	ICD-10-CM	Diagnosis
C91.30	Prolymphocytic leukemia of B-cell type not having achieved remission	ICD-10-CM	Diagnosis
C91.31	Prolymphocytic leukemia of B-cell type, in remission	ICD-10-CM	Diagnosis
C91.32	Prolymphocytic leukemia of B-cell type, in relapse	ICD-10-CM	Diagnosis
C91.40	Hairy cell leukemia not having achieved remission	ICD-10-CM	Diagnosis
C91.41	Hairy cell leukemia, in remission	ICD-10-CM	Diagnosis
C91.42	Hairy cell leukemia, in relapse	ICD-10-CM	Diagnosis
C91.50	Adult T-cell lymphoma/leukemia (HTLV-1-associated) not having achieved remission	ICD-10-CM	Diagnosis
C91.51	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in remission	ICD-10-CM	Diagnosis
C91.52	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in relapse	ICD-10-CM	Diagnosis
C91.60	Prolymphocytic leukemia of T-cell type not having achieved remission	ICD-10-CM	Diagnosis
C91.61	Prolymphocytic leukemia of T-cell type, in remission	ICD-10-CM	Diagnosis
C91.62	Prolymphocytic leukemia of T-cell type, in relapse	ICD-10-CM	Diagnosis
C91.90	Lymphoid leukemia, unspecified not having achieved remission	ICD-10-CM	Diagnosis
C91.91	Lymphoid leukemia, unspecified, in remission	ICD-10-CM	Diagnosis
C91.92	Lymphoid leukemia, unspecified, in relapse	ICD-10-CM	Diagnosis
C91.A0	Mature B-cell leukemia Burkitt-type not having achieved remission	ICD-10-CM	Diagnosis
C91.A1	Mature B-cell leukemia Burkitt-type, in remission	ICD-10-CM	Diagnosis
C91.A2	Mature B-cell leukemia Burkitt-type, in relapse	ICD-10-CM	Diagnosis
C91.Z0	Other lymphoid leukemia not having achieved remission	ICD-10-CM	Diagnosis
C91.Z1	Other lymphoid leukemia, in remission	ICD-10-CM	Diagnosis
C91.Z2	Other lymphoid leukemia, in relapse	ICD-10-CM	Diagnosis
C92.00	Acute myeloblastic leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C92.01	Acute myeloblastic leukemia, in remission	ICD-10-CM	Diagnosis
C92.02	Acute myeloblastic leukemia, in relapse	ICD-10-CM	Diagnosis
C92.10	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	ICD-10-CM	Diagnosis
C92.11	Chronic myeloid leukemia, BCR/ABL-positive, in remission	ICD-10-CM	Diagnosis
C92.12	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	ICD-10-CM	Diagnosis
C92.20	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	ICD-10-CM	Diagnosis
C92.21	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission	ICD-10-CM	Diagnosis
C92.22	Atypical chronic myeloid leukemia, BCR/ABL-negative, in relapse	ICD-10-CM	Diagnosis
C92.30	Myeloid sarcoma, not having achieved remission	ICD-10-CM	Diagnosis
C92.31	Myeloid sarcoma, in remission	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
C92.32	Myeloid sarcoma, in relapse	ICD-10-CM	Diagnosis
C92.40	Acute promyelocytic leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C92.41	Acute promyelocytic leukemia, in remission	ICD-10-CM	Diagnosis
C92.42	Acute promyelocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C92.50	Acute myelomonocytic leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C92.51	Acute myelomonocytic leukemia, in remission	ICD-10-CM	Diagnosis
C92.52	Acute myelomonocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C92.60	Acute myeloid leukemia with 11q23-abnormality not having achieved remission	ICD-10-CM	Diagnosis
C92.61	Acute myeloid leukemia with 11q23-abnormality in remission	ICD-10-CM	Diagnosis
C92.62	Acute myeloid leukemia with 11q23-abnormality in relapse	ICD-10-CM	Diagnosis
C92.90	Myeloid leukemia, unspecified, not having achieved remission	ICD-10-CM	Diagnosis
C92.91	Myeloid leukemia, unspecified in remission	ICD-10-CM	Diagnosis
C92.92	Myeloid leukemia, unspecified in relapse	ICD-10-CM	Diagnosis
C92.A0	Acute myeloid leukemia with multilineage dysplasia, not having achieved remission	ICD-10-CM	Diagnosis
C92.A1	Acute myeloid leukemia with multilineage dysplasia, in remission	ICD-10-CM	Diagnosis
C92.A2	Acute myeloid leukemia with multilineage dysplasia, in relapse	ICD-10-CM	Diagnosis
C92.Z0	Other myeloid leukemia not having achieved remission	ICD-10-CM	Diagnosis
C92.Z1	Other myeloid leukemia, in remission	ICD-10-CM	Diagnosis
C92.Z2	Other myeloid leukemia, in relapse	ICD-10-CM	Diagnosis
C93.00	Acute monoblastic/monocytic leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C93.01	Acute monoblastic/monocytic leukemia, in remission	ICD-10-CM	Diagnosis
C93.02	Acute monoblastic/monocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C93.10	Chronic myelomonocytic leukemia not having achieved remission	ICD-10-CM	Diagnosis
C93.11	Chronic myelomonocytic leukemia, in remission	ICD-10-CM	Diagnosis
C93.12	Chronic myelomonocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C93.30	Juvenile myelomonocytic leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C93.31	Juvenile myelomonocytic leukemia, in remission	ICD-10-CM	Diagnosis
C93.32	Juvenile myelomonocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C93.90	Monocytic leukemia, unspecified, not having achieved remission	ICD-10-CM	Diagnosis
C93.91	Monocytic leukemia, unspecified in remission	ICD-10-CM	Diagnosis
C93.92	Monocytic leukemia, unspecified in relapse	ICD-10-CM	Diagnosis
C93.Z0	Other monocytic leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C93.Z1	Other monocytic leukemia, in remission	ICD-10-CM	Diagnosis
C93.Z2	Other monocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C94.00	Acute erythroid leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C94.01	Acute erythroid leukemia, in remission	ICD-10-CM	Diagnosis
C94.02	Acute erythroid leukemia, in relapse	ICD-10-CM	Diagnosis
C94.20	Acute megakaryoblastic leukemia not having achieved remission	ICD-10-CM	Diagnosis
C94.21	Acute megakaryoblastic leukemia, in remission	ICD-10-CM	Diagnosis
C94.22	Acute megakaryoblastic leukemia, in relapse	ICD-10-CM	Diagnosis
C94.30	Mast cell leukemia not having achieved remission	ICD-10-CM	Diagnosis
C94.31	Mast cell leukemia, in remission	ICD-10-CM	Diagnosis
C94.32	Mast cell leukemia, in relapse	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C94.80	Other specified leukemias not having achieved remission	ICD-10-CM	Diagnosis
C94.81	Other specified leukemias, in remission	ICD-10-CM	Diagnosis
C94.82	Other specified leukemias, in relapse	ICD-10-CM	Diagnosis
C95.00	Acute leukemia of unspecified cell type not having achieved remission	ICD-10-CM	Diagnosis
C95.01	Acute leukemia of unspecified cell type, in remission	ICD-10-CM	Diagnosis
C95.02	Acute leukemia of unspecified cell type, in relapse	ICD-10-CM	Diagnosis
C95.10	Chronic leukemia of unspecified cell type not having achieved remission	ICD-10-CM	Diagnosis
C95.11	Chronic leukemia of unspecified cell type, in remission	ICD-10-CM	Diagnosis
C95.12	Chronic leukemia of unspecified cell type, in relapse	ICD-10-CM	Diagnosis
C95.90	Leukemia, unspecified not having achieved remission	ICD-10-CM	Diagnosis
C95.91	Leukemia, unspecified, in remission	ICD-10-CM	Diagnosis
C95.92	Leukemia, unspecified, in relapse	ICD-10-CM	Diagnosis
C96.0	Multifocal and multisystemic (disseminated) Langerhans-cell histiocytosis	ICD-10-CM	Diagnosis
C96.20	Malignant mast cell neoplasm, unspecified	ICD-10-CM	Diagnosis
C96.21	Aggressive systemic mastocytosis	ICD-10-CM	Diagnosis
C96.22	Mast cell sarcoma	ICD-10-CM	Diagnosis
C96.29	Other malignant mast cell neoplasm	ICD-10-CM	Diagnosis
C96.4	Sarcoma of dendritic cells (accessory cells)	ICD-10-CM	Diagnosis
C96.9	Malignant neoplasm of lymphoid, hematopoietic and related tissue, unspecified	ICD-10-CM	Diagnosis
C96.A	Histiocytic sarcoma	ICD-10-CM	Diagnosis
C96.Z	Other specified malignant neoplasms of lymphoid, hematopoietic and related tissue	ICD-10-CM	Diagnosis
D45	Polycythemia vera	ICD-10-CM	Diagnosis
D89.0	Polyclonal hypergammaglobulinemia	ICD-10-CM	Diagnosis
Z85.46	Personal history of malignant neoplasm of prostate	ICD-10-CM	Diagnosis
C7A	Malignant neuroendocrine tumors	ICD-10-CM	Diagnosis
C7A.0	Malignant carcinoid tumors	ICD-10-CM	Diagnosis
C7A.00	Malignant carcinoid tumor of unspecified site	ICD-10-CM	Diagnosis
C7A.01	Malignant carcinoid tumors of the small intestine	ICD-10-CM	Diagnosis
C7A.010	Malignant carcinoid tumor of the duodenum	ICD-10-CM	Diagnosis
C7A.011	Malignant carcinoid tumor of the jejunum	ICD-10-CM	Diagnosis
C7A.012	Malignant carcinoid tumor of the ileum	ICD-10-CM	Diagnosis
C7A.019	Malignant carcinoid tumor of the small intestine, unspecified portion	ICD-10-CM	Diagnosis
C7A.02	Malignant carcinoid tumors of the appendix, large intestine, and rectum	ICD-10-CM	Diagnosis
C7A.020	Malignant carcinoid tumor of the appendix	ICD-10-CM	Diagnosis
C7A.021	Malignant carcinoid tumor of the cecum	ICD-10-CM	Diagnosis
C7A.022	Malignant carcinoid tumor of the ascending colon	ICD-10-CM	Diagnosis
C7A.023	Malignant carcinoid tumor of the transverse colon	ICD-10-CM	Diagnosis
C7A.024	Malignant carcinoid tumor of the descending colon	ICD-10-CM	Diagnosis
C7A.025	Malignant carcinoid tumor of the sigmoid colon	ICD-10-CM	Diagnosis
C7A.026	Malignant carcinoid tumor of the rectum	ICD-10-CM	Diagnosis
C7A.029	Malignant carcinoid tumor of the large intestine, unspecified portion	ICD-10-CM	Diagnosis
C7A.09	Malignant carcinoid tumors of other sites	ICD-10-CM	Diagnosis
C7A.090	Malignant carcinoid tumor of the bronchus and lung	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C7A.091	Malignant carcinoid tumor of the thymus	ICD-10-CM	Diagnosis
C7A.092	Malignant carcinoid tumor of the stomach	ICD-10-CM	Diagnosis
C7A.093	Malignant carcinoid tumor of the kidney	ICD-10-CM	Diagnosis
C7A.094	Malignant carcinoid tumor of the foregut, unspecified	ICD-10-CM	Diagnosis
C7A.095	Malignant carcinoid tumor of the midgut, unspecified	ICD-10-CM	Diagnosis
C7A.096	Malignant carcinoid tumor of the hindgut, unspecified	ICD-10-CM	Diagnosis
C7A.098	Malignant carcinoid tumors of other sites	ICD-10-CM	Diagnosis
C7A.1	Malignant poorly differentiated neuroendocrine tumors	ICD-10-CM	Diagnosis
C7A.8	Other malignant neuroendocrine tumors	ICD-10-CM	Diagnosis
C7B	Secondary neuroendocrine tumors	ICD-10-CM	Diagnosis
C7B.0	Secondary carcinoid tumors	ICD-10-CM	Diagnosis
C7B.00	Secondary carcinoid tumors, unspecified site	ICD-10-CM	Diagnosis
C7B.01	Secondary carcinoid tumors of distant lymph nodes	ICD-10-CM	Diagnosis
C7B.02	Secondary carcinoid tumors of liver	ICD-10-CM	Diagnosis
C7B.03	Secondary carcinoid tumors of bone	ICD-10-CM	Diagnosis
C7B.04	Secondary carcinoid tumors of peritoneum	ICD-10-CM	Diagnosis
C7B.09	Secondary carcinoid tumors of other sites	ICD-10-CM	Diagnosis
C7B.1	Secondary Merkel cell carcinoma	ICD-10-CM	Diagnosis
C7B.8	Other secondary neuroendocrine tumors	ICD-10-CM	Diagnosis
Cataracts			
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	ICD-10-CM	Diagnosis
E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E10.36	Type 1 diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E11.36	Type 2 diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E13.36	Other specified diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
H25.011	Cortical age-related cataract, right eye	ICD-10-CM	Diagnosis
H25.012	Cortical age-related cataract, left eye	ICD-10-CM	Diagnosis
H25.013	Cortical age-related cataract, bilateral	ICD-10-CM	Diagnosis
H25.019	Cortical age-related cataract, unspecified eye	ICD-10-CM	Diagnosis
H25.031	Anterior subcapsular polar age-related cataract, right eye	ICD-10-CM	Diagnosis
H25.032	Anterior subcapsular polar age-related cataract, left eye	ICD-10-CM	Diagnosis
H25.033	Anterior subcapsular polar age-related cataract, bilateral	ICD-10-CM	Diagnosis
H25.039	Anterior subcapsular polar age-related cataract, unspecified eye	ICD-10-CM	Diagnosis
H25.041	Posterior subcapsular polar age-related cataract, right eye	ICD-10-CM	Diagnosis
H25.042	Posterior subcapsular polar age-related cataract, left eye	ICD-10-CM	Diagnosis
H25.043	Posterior subcapsular polar age-related cataract, bilateral	ICD-10-CM	Diagnosis
H25.049	Posterior subcapsular polar age-related cataract, unspecified eye	ICD-10-CM	Diagnosis
H25.091	Other age-related incipient cataract, right eye	ICD-10-CM	Diagnosis
H25.092	Other age-related incipient cataract, left eye	ICD-10-CM	Diagnosis
H25.093	Other age-related incipient cataract, bilateral	ICD-10-CM	Diagnosis
H25.099	Other age-related incipient cataract, unspecified eye	ICD-10-CM	Diagnosis
H25.10	Age-related nuclear cataract, unspecified eye	ICD-10-CM	Diagnosis
H25.11	Age-related nuclear cataract, right eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
H25.12	Age-related nuclear cataract, left eye	ICD-10-CM	Diagnosis
H25.13	Age-related nuclear cataract, bilateral	ICD-10-CM	Diagnosis
H25.20	Age-related cataract, morgagnian type, unspecified eye	ICD-10-CM	Diagnosis
H25.21	Age-related cataract, morgagnian type, right eye	ICD-10-CM	Diagnosis
H25.22	Age-related cataract, morgagnian type, left eye	ICD-10-CM	Diagnosis
H25.23	Age-related cataract, morgagnian type, bilateral	ICD-10-CM	Diagnosis
H25.811	Combined forms of age-related cataract, right eye	ICD-10-CM	Diagnosis
H25.812	Combined forms of age-related cataract, left eye	ICD-10-CM	Diagnosis
H25.813	Combined forms of age-related cataract, bilateral	ICD-10-CM	Diagnosis
H25.819	Combined forms of age-related cataract, unspecified eye	ICD-10-CM	Diagnosis
H25.89	Other age-related cataract	ICD-10-CM	Diagnosis
H25.9	Unspecified age-related cataract	ICD-10-CM	Diagnosis
H26.001	Unspecified infantile and juvenile cataract, right eye	ICD-10-CM	Diagnosis
H26.002	Unspecified infantile and juvenile cataract, left eye	ICD-10-CM	Diagnosis
H26.003	Unspecified infantile and juvenile cataract, bilateral	ICD-10-CM	Diagnosis
H26.009	Unspecified infantile and juvenile cataract, unspecified eye	ICD-10-CM	Diagnosis
H26.011	Infantile and juvenile cortical, lamellar, or zonular cataract, right eye	ICD-10-CM	Diagnosis
H26.012	Infantile and juvenile cortical, lamellar, or zonular cataract, left eye	ICD-10-CM	Diagnosis
H26.013	Infantile and juvenile cortical, lamellar, or zonular cataract, bilateral	ICD-10-CM	Diagnosis
H26.019	Infantile and juvenile cortical, lamellar, or zonular cataract, unspecified eye	ICD-10-CM	Diagnosis
H26.031	Infantile and juvenile nuclear cataract, right eye	ICD-10-CM	Diagnosis
H26.032	Infantile and juvenile nuclear cataract, left eye	ICD-10-CM	Diagnosis
H26.033	Infantile and juvenile nuclear cataract, bilateral	ICD-10-CM	Diagnosis
H26.039	Infantile and juvenile nuclear cataract, unspecified eye	ICD-10-CM	Diagnosis
H26.041	Anterior subcapsular polar infantile and juvenile cataract, right eye	ICD-10-CM	Diagnosis
H26.042	Anterior subcapsular polar infantile and juvenile cataract, left eye	ICD-10-CM	Diagnosis
H26.043	Anterior subcapsular polar infantile and juvenile cataract, bilateral	ICD-10-CM	Diagnosis
H26.049	Anterior subcapsular polar infantile and juvenile cataract, unspecified eye	ICD-10-CM	Diagnosis
H26.051	Posterior subcapsular polar infantile and juvenile cataract, right eye	ICD-10-CM	Diagnosis
H26.052	Posterior subcapsular polar infantile and juvenile cataract, left eye	ICD-10-CM	Diagnosis
H26.053	Posterior subcapsular polar infantile and juvenile cataract, bilateral	ICD-10-CM	Diagnosis
H26.059	Posterior subcapsular polar infantile and juvenile cataract, unspecified eye	ICD-10-CM	Diagnosis
H26.061	Combined forms of infantile and juvenile cataract, right eye	ICD-10-CM	Diagnosis
H26.062	Combined forms of infantile and juvenile cataract, left eye	ICD-10-CM	Diagnosis
H26.063	Combined forms of infantile and juvenile cataract, bilateral	ICD-10-CM	Diagnosis
H26.069	Combined forms of infantile and juvenile cataract, unspecified eye	ICD-10-CM	Diagnosis
H26.09	Other infantile and juvenile cataract	ICD-10-CM	Diagnosis
H26.101	Unspecified traumatic cataract, right eye	ICD-10-CM	Diagnosis
H26.102	Unspecified traumatic cataract, left eye	ICD-10-CM	Diagnosis
H26.103	Unspecified traumatic cataract, bilateral	ICD-10-CM	Diagnosis
H26.109	Unspecified traumatic cataract, unspecified eye	ICD-10-CM	Diagnosis
H26.111	Localized traumatic opacities, right eye	ICD-10-CM	Diagnosis
H26.112	Localized traumatic opacities, left eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
H26.113	Localized traumatic opacities, bilateral	ICD-10-CM	Diagnosis
H26.119	Localized traumatic opacities, unspecified eye	ICD-10-CM	Diagnosis
H26.121	Partially resolved traumatic cataract, right eye	ICD-10-CM	Diagnosis
H26.122	Partially resolved traumatic cataract, left eye	ICD-10-CM	Diagnosis
H26.123	Partially resolved traumatic cataract, bilateral	ICD-10-CM	Diagnosis
H26.129	Partially resolved traumatic cataract, unspecified eye	ICD-10-CM	Diagnosis
H26.131	Total traumatic cataract, right eye	ICD-10-CM	Diagnosis
H26.132	Total traumatic cataract, left eye	ICD-10-CM	Diagnosis
H26.133	Total traumatic cataract, bilateral	ICD-10-CM	Diagnosis
H26.139	Total traumatic cataract, unspecified eye	ICD-10-CM	Diagnosis
H26.20	Unspecified complicated cataract	ICD-10-CM	Diagnosis
H26.211	Cataract with neovascularization, right eye	ICD-10-CM	Diagnosis
H26.212	Cataract with neovascularization, left eye	ICD-10-CM	Diagnosis
H26.213	Cataract with neovascularization, bilateral	ICD-10-CM	Diagnosis
H26.219	Cataract with neovascularization, unspecified eye	ICD-10-CM	Diagnosis
H26.221	Cataract secondary to ocular disorders (degenerative) (inflammatory), right eye	ICD-10-CM	Diagnosis
H26.222	Cataract secondary to ocular disorders (degenerative) (inflammatory), left eye	ICD-10-CM	Diagnosis
H26.223	Cataract secondary to ocular disorders (degenerative) (inflammatory), bilateral	ICD-10-CM	Diagnosis
H26.229	Cataract secondary to ocular disorders (degenerative) (inflammatory), unspecified	ICD-10-CM	Diagnosis
H26.30	Drug-induced cataract, unspecified eye	ICD-10-CM	Diagnosis
H26.31	Drug-induced cataract, right eye	ICD-10-CM	Diagnosis
H26.32	Drug-induced cataract, left eye	ICD-10-CM	Diagnosis
H26.33	Drug-induced cataract, bilateral	ICD-10-CM	Diagnosis
H26.40	Unspecified secondary cataract	ICD-10-CM	Diagnosis
H26.411	Soemmering's ring, right eye	ICD-10-CM	Diagnosis
H26.412	Soemmering's ring, left eye	ICD-10-CM	Diagnosis
H26.413	Soemmering's ring, bilateral	ICD-10-CM	Diagnosis
H26.419	Soemmering's ring, unspecified eye	ICD-10-CM	Diagnosis
H26.491	Other secondary cataract, right eye	ICD-10-CM	Diagnosis
H26.492	Other secondary cataract, left eye	ICD-10-CM	Diagnosis
H26.493	Other secondary cataract, bilateral	ICD-10-CM	Diagnosis
H26.499	Other secondary cataract, unspecified eye	ICD-10-CM	Diagnosis
H26.8	Other specified cataract	ICD-10-CM	Diagnosis
H26.9	Unspecified cataract	ICD-10-CM	Diagnosis
Q12.0	Congenital cataract	ICD-10-CM	Diagnosis
Celiac Disease			
K90.0	Celiac disease	ICD-10-CM	Diagnosis
Chemotherapy			
C9205	Injection, oxaliplatin, per 5 mg	HCPCS	Procedure
C9207	Injection, bortezomib, per 3.5 mg	HCPCS	Procedure
J8501	Aprepitant, oral, 5 mg	HCPCS	Procedure
J8510	Busulfan; oral, 2 mg	HCPCS	Procedure
J8520	Capecitabine, oral, 150 mg	HCPCS	Procedure

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

Code	Description	Code Type	Code Category
J8521	Capecitabine, oral, 500 mg	HCPCS	Procedure
J8560	Etoposide, oral, 50 mg	HCPCS	Procedure
J8565	Gefitinib, oral, 250 mg	HCPCS	Procedure
J8600	Melphalan, oral 2 mg	HCPCS	Procedure
J8700	Temozolomide, oral, 5 mg	HCPCS	Procedure
J8999	Prescription drug, oral, chemotherapeutic, nos	HCPCS	Procedure
J9000	Injection, doxorubicin HCl, 10 mg	HCPCS	Procedure
J9001	Injection, doxorubicin HCl, all lipid formulations, 10 mg	HCPCS	Procedure
J9010	Injection, alemtuzumab, 10 mg	HCPCS	Procedure
J9015	Injection, aldesleukin, per single use vial	HCPCS	Procedure
J9040	Injection, bleomycin sulfate, 15 units	HCPCS	Procedure
J9045	Injection, carboplatin, 50 mg	HCPCS	Procedure
J9050	Injection, carmustine, 100 mg	HCPCS	Procedure
J9060	Injection, cisplatin, powder or solution, 10 mg	HCPCS	Procedure
J9062	Cisplatin, 50 mg	HCPCS	Procedure
J9065	Injection, cladribine, per 1 mg	HCPCS	Procedure
J9098	Injection, cytarabine liposome, 10 mg	HCPCS	Procedure
J9100	Cytarabine, 100 mg	HCPCS	Procedure
J9110	Injection, cytarabine, 500 mg	HCPCS	Procedure
J9120	Injection, dactinomycin, 0.5 mg	HCPCS	Procedure
J9130	Dacarbazine, 100 mg	HCPCS	Procedure
J9140	Dacarbazine, 200 mg	HCPCS	Procedure
J9150	Injection, daunorubicin, 10 mg	HCPCS	Procedure
J9151	Injection, daunorubicin citrate, liposomal formulation, 10 mg	HCPCS	Procedure
J9160	Injection, denileukin diftitox, 300 mcg	HCPCS	Procedure
J9170	Injection, docetaxel, 20 mg	HCPCS	Procedure
J9178	Injection, epirubicin HCl, 2 mg	HCPCS	Procedure
J9180	Epirubicin HCl, 50 mg	HCPCS	Procedure
J9181	Injection, etoposide, 10 mg	HCPCS	Procedure
J9182	Etoposide, 100 mg	HCPCS	Procedure
J9185	Injection, fludarabine phosphate, 50 mg	HCPCS	Procedure
J9190	Injection, fluorouracil, 500 mg	HCPCS	Procedure
J9200	Floxuridine, 500 mg	HCPCS	Procedure
J9201	Injection, gemcitabine HCl, not otherwise specified, 200 mg	HCPCS	Procedure
J9206	Injection, irinotecan, 20 mg	HCPCS	Procedure
J9208	Injection, ifosfamide, 1 g	HCPCS	Procedure
J9211	Idarubicin HCl, 5 mg	HCPCS	Procedure
J9230	Injection, mechlorethamine HCl, (nitrogen mustard), 10 mg	HCPCS	Procedure
J9245	Injection, melphalan hydrochloride, not otherwise specified, 50 mg	HCPCS	Procedure
J9263	Injection, oxaliplatin, 0.5 mg	HCPCS	Procedure
J9265	Injection, paclitaxel, 30 mg	HCPCS	Procedure
J9268	Pentostatin, per 10 mg	HCPCS	Procedure
J9270	Plicamycin, 2.5 mg	HCPCS	Procedure

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Code	Description	Code Type	Code Category
J9280	Mitomycin, 5 mg	HCPCS	Procedure
J9290	Mitomycin, 20 mg	HCPCS	Procedure
J9291	Mitomycin, 40 mg	HCPCS	Procedure
J9293	Injection, mitoxantrone HCl, per 5 mg	HCPCS	Procedure
J9300	Injection, gemtuzumab ozogamicin, 5 mg	HCPCS	Procedure
J9320	Streptozocin, 1 g	HCPCS	Procedure
J9340	Thiotepa, 15 mg	HCPCS	Procedure
J9350	Injection, topotecan, 4 mg	HCPCS	Procedure
J9355	Injection, trastuzumab, 10 mg	HCPCS	Procedure
J9357	Injection, valrubicin, intravesical, 200 mg	HCPCS	Procedure
J9360	Injection, vinblastine sulfate, 1 mg	HCPCS	Procedure
J9390	Vinorelbine tartrate, per 10 mg	HCPCS	Procedure
Q2017	Injection, teniposide, 50 mg	HCPCS	Procedure
S0088	Imatinib, 100 mg	HCPCS	Procedure
S0115	Bortezomib, 3.5 mg	HCPCS	Procedure
Coagulopathy			
D65	Disseminated intravascular coagulation [defibrination syndrome]	ICD-10-CM	Diagnosis
D66	Hereditary factor VIII deficiency	ICD-10-CM	Diagnosis
D67	Hereditary factor IX deficiency	ICD-10-CM	Diagnosis
D68.0	Von Willebrand's disease	ICD-10-CM	Diagnosis
D68.1	Hereditary factor XI deficiency	ICD-10-CM	Diagnosis
D68.2	Hereditary deficiency of other clotting factors	ICD-10-CM	Diagnosis
D68.311	Acquired hemophilia	ICD-10-CM	Diagnosis
D68.312	Antiphospholipid antibody with hemorrhagic disorder	ICD-10-CM	Diagnosis
D68.318	Other hemorrhagic disorder due to intrinsic circulating anticoagulants, antibodies, or inhibitors	ICD-10-CM	Diagnosis
D68.32	Hemorrhagic disorder due to extrinsic circulating anticoagulants	ICD-10-CM	Diagnosis
D68.4	Acquired coagulation factor deficiency	ICD-10-CM	Diagnosis
D68.8	Other specified coagulation defects	ICD-10-CM	Diagnosis
D68.9	Coagulation defect, unspecified	ICD-10-CM	Diagnosis
D69.1	Qualitative platelet defects	ICD-10-CM	Diagnosis
D69.6	Thrombocytopenia, unspecified	ICD-10-CM	Diagnosis
D68.00	Von Willebrand disease, unspecified	ICD-10-CM	Diagnosis
D68.01	Von Willebrand disease, type 1	ICD-10-CM	Diagnosis
D68.020	Von Willebrand disease, type 2A	ICD-10-CM	Diagnosis
D68.021	Von Willebrand disease, type 2B	ICD-10-CM	Diagnosis
D68.022	Von Willebrand disease, type 2M	ICD-10-CM	Diagnosis
D68.023	Von Willebrand disease, type 2N	ICD-10-CM	Diagnosis
D68.029	Von Willebrand disease, type 2, unspecified	ICD-10-CM	Diagnosis
D68.03	Von Willebrand disease, type 3	ICD-10-CM	Diagnosis
D68.04	Acquired von Willebrand disease	ICD-10-CM	Diagnosis
D68.09	Other von Willebrand disease	ICD-10-CM	Diagnosis
D68.51	Activated protein C resistance	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
D68.52	Prothrombin gene mutation	ICD-10-CM	Diagnosis
D68.59	Other primary thrombophilia	ICD-10-CM	Diagnosis
D68.61	Antiphospholipid syndrome	ICD-10-CM	Diagnosis
D68.62	Lupus anticoagulant syndrome	ICD-10-CM	Diagnosis
D68.69	Other thrombophilia	ICD-10-CM	Diagnosis
D69.0	Allergic purpura	ICD-10-CM	Diagnosis
D69.2	Other nonthrombocytopenic purpura	ICD-10-CM	Diagnosis
D69.3	Immune thrombocytopenic purpura	ICD-10-CM	Diagnosis
D69.41	Evans syndrome	ICD-10-CM	Diagnosis
D69.42	Congenital and hereditary thrombocytopenia purpura	ICD-10-CM	Diagnosis
D69.49	Other primary thrombocytopenia	ICD-10-CM	Diagnosis
D69.51	Posttransfusion purpura	ICD-10-CM	Diagnosis
D69.59	Other secondary thrombocytopenia	ICD-10-CM	Diagnosis
D69.8	Other specified hemorrhagic conditions	ICD-10-CM	Diagnosis
D69.9	Hemorrhagic condition, unspecified	ICD-10-CM	Diagnosis
Complicated Diabetes			
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	ICD-10-CM	Diagnosis
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	ICD-10-CM	Diagnosis
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	ICD-10-CM	Diagnosis
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	ICD-10-CM	Diagnosis
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	ICD-10-CM	Diagnosis
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	ICD-10-CM	Diagnosis
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	ICD-10-CM	Diagnosis
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	ICD-10-CM	Diagnosis
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified	ICD-10-CM	Diagnosis
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM	Diagnosis
E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.36	Type 2 diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM	Diagnosis
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM	Diagnosis
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM	Diagnosis
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM	Diagnosis
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	ICD-10-CM	Diagnosis
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	ICD-10-CM	Diagnosis
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E11.59	Type 2 diabetes mellitus with other circulatory complications	ICD-10-CM	Diagnosis
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E11.8	Type 2 diabetes mellitus with unspecified complications	ICD-10-CM	Diagnosis
E13.21	Other specified diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E13.3211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E13.3212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E13.3292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.3311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E13.3312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.3391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E13.3392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.3411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E13.3412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.3491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E13.3492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.3511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E13.3512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E13.3513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.3521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	ICD-10-CM	Diagnosis
E13.3522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	ICD-10-CM	Diagnosis
E13.3523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	ICD-10-CM	Diagnosis
E13.3529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E13.3531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	ICD-10-CM	Diagnosis
E13.3532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E13.3533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	ICD-10-CM	Diagnosis
E13.3539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E13.3541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	ICD-10-CM	Diagnosis
E13.3542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	ICD-10-CM	Diagnosis
E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	ICD-10-CM	Diagnosis
E13.3549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	ICD-10-CM	Diagnosis
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E13.3552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E13.3559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM	Diagnosis
E13.3591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E13.3592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3599	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.36	Other specified diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E13.37X1	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM	Diagnosis
E13.37X2	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM	Diagnosis
E13.37X3	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM	Diagnosis
E13.37X9	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM	Diagnosis
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E13.43	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E13.44	Other specified diabetes mellitus with diabetic amyotrophy	ICD-10-CM	Diagnosis
E13.49	Other specified diabetes mellitus with other diabetic neurological complication	ICD-10-CM	Diagnosis
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E13.59	Other specified diabetes mellitus with other circulatory complications	ICD-10-CM	Diagnosis
E13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E13.8	Other specified diabetes mellitus with unspecified complications	ICD-10-CM	Diagnosis
Coxsackie Disease			
B08.4	Enteroviral vesicular stomatitis with exanthem	ICD-10-CM	Diagnosis
B08.5	Enteroviral vesicular pharyngitis	ICD-10-CM	Diagnosis
B33.0	Epidemic myalgia	ICD-10-CM	Diagnosis
B33.20	Viral carditis, unspecified	ICD-10-CM	Diagnosis
B33.21	Viral endocarditis	ICD-10-CM	Diagnosis
B33.22	Viral myocarditis	ICD-10-CM	Diagnosis
B33.23	Viral pericarditis	ICD-10-CM	Diagnosis
B34.1	Enterovirus infection, unspecified	ICD-10-CM	Diagnosis
B97.11	Coxsackievirus as the cause of diseases classified elsewhere	ICD-10-CM	Diagnosis
J20.3	Acute bronchitis due to coxsackievirus	ICD-10-CM	Diagnosis
Cystic Fibrosis			
E84.0	Cystic fibrosis with pulmonary manifestations	ICD-10-CM	Diagnosis
E84.11	Meconium ileus in cystic fibrosis	ICD-10-CM	Diagnosis
E84.19	Cystic fibrosis with other intestinal manifestations	ICD-10-CM	Diagnosis
E84.8	Cystic fibrosis with other manifestations	ICD-10-CM	Diagnosis
E84.9	Cystic fibrosis, unspecified	ICD-10-CM	Diagnosis
Cytomegalovirus			
B25.0	Cytomegaloviral pneumonitis	ICD-10-CM	Diagnosis
B25.1	Cytomegaloviral hepatitis	ICD-10-CM	Diagnosis
B25.2	Cytomegaloviral pancreatitis	ICD-10-CM	Diagnosis
B25.8	Other cytomegaloviral diseases	ICD-10-CM	Diagnosis
B25.9	Cytomegaloviral disease, unspecified	ICD-10-CM	Diagnosis
Degenerative Disease of the Central Nervous System			
E75.00	GM2 gangliosidosis, unspecified	ICD-10-CM	Diagnosis
E75.01	Sandhoff disease	ICD-10-CM	Diagnosis
E75.02	Tay-Sachs disease	ICD-10-CM	Diagnosis
E75.09	Other GM2 gangliosidosis	ICD-10-CM	Diagnosis
E75.10	Unspecified gangliosidosis	ICD-10-CM	Diagnosis
E75.11	Mucopolipidosis IV	ICD-10-CM	Diagnosis
E75.19	Other gangliosidosis	ICD-10-CM	Diagnosis
E75.23	Krabbe disease	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E75.25	Metachromatic leukodystrophy	ICD-10-CM	Diagnosis
E75.29	Other sphingolipidosis	ICD-10-CM	Diagnosis
E75.4	Neuronal ceroid lipofuscinosis	ICD-10-CM	Diagnosis
F84.2	Rett's syndrome	ICD-10-CM	Diagnosis
G10	Huntington's disease	ICD-10-CM	Diagnosis
G11.0	Congenital nonprogressive ataxia	ICD-10-CM	Diagnosis
G11.1	Early-onset cerebellar ataxia	ICD-10-CM	Diagnosis
G11.2	Late-onset cerebellar ataxia	ICD-10-CM	Diagnosis
G11.3	Cerebellar ataxia with defective DNA repair	ICD-10-CM	Diagnosis
G11.4	Hereditary spastic paraplegia	ICD-10-CM	Diagnosis
G11.8	Other hereditary ataxias	ICD-10-CM	Diagnosis
G11.9	Hereditary ataxia, unspecified	ICD-10-CM	Diagnosis
G12.0	Infantile spinal muscular atrophy, type I [Werdnig-Hoffman]	ICD-10-CM	Diagnosis
G12.1	Other inherited spinal muscular atrophy	ICD-10-CM	Diagnosis
G12.20	Motor neuron disease, unspecified	ICD-10-CM	Diagnosis
G12.21	Amyotrophic lateral sclerosis	ICD-10-CM	Diagnosis
G12.22	Progressive bulbar palsy	ICD-10-CM	Diagnosis
G12.23	Primary lateral sclerosis	ICD-10-CM	Diagnosis
G12.24	Familial motor neuron disease	ICD-10-CM	Diagnosis
G12.25	Progressive spinal muscle atrophy	ICD-10-CM	Diagnosis
G12.29	Other motor neuron disease	ICD-10-CM	Diagnosis
G12.8	Other spinal muscular atrophies and related syndromes	ICD-10-CM	Diagnosis
G12.9	Spinal muscular atrophy, unspecified	ICD-10-CM	Diagnosis
G13.2	Systemic atrophy primarily affecting the central nervous system in myxedema	ICD-10-CM	Diagnosis
G13.8	Systemic atrophy primarily affecting central nervous system in other diseases classified elsewhere	ICD-10-CM	Diagnosis
G20	Parkinson's disease	ICD-10-CM	Diagnosis
G21.0	Malignant neuroleptic syndrome	ICD-10-CM	Diagnosis
G21.11	Neuroleptic induced parkinsonism	ICD-10-CM	Diagnosis
G21.19	Other drug induced secondary parkinsonism	ICD-10-CM	Diagnosis
G21.2	Secondary parkinsonism due to other external agents	ICD-10-CM	Diagnosis
G21.3	Postencephalitic parkinsonism	ICD-10-CM	Diagnosis
G21.4	Vascular parkinsonism	ICD-10-CM	Diagnosis
G21.8	Other secondary parkinsonism	ICD-10-CM	Diagnosis
G21.9	Secondary parkinsonism, unspecified	ICD-10-CM	Diagnosis
G23.0	Hallervorden-Spatz disease	ICD-10-CM	Diagnosis
G23.1	Progressive supranuclear ophthalmoplegia [Steele-Richardson-Olszewski]	ICD-10-CM	Diagnosis
G23.2	Striatonigral degeneration	ICD-10-CM	Diagnosis
G23.8	Other specified degenerative diseases of basal ganglia	ICD-10-CM	Diagnosis
G23.9	Degenerative disease of basal ganglia, unspecified	ICD-10-CM	Diagnosis
G24.1	Genetic torsion dystonia	ICD-10-CM	Diagnosis
G24.2	Idiopathic nonfamilial dystonia	ICD-10-CM	Diagnosis
G24.3	Spasmodic torticollis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
G24.4	Idiopathic orofacial dystonia	ICD-10-CM	Diagnosis
G24.5	Blepharospasm	ICD-10-CM	Diagnosis
G24.8	Other dystonia	ICD-10-CM	Diagnosis
G24.9	Dystonia, unspecified	ICD-10-CM	Diagnosis
G25.0	Essential tremor	ICD-10-CM	Diagnosis
G25.2	Other specified forms of tremor	ICD-10-CM	Diagnosis
G25.3	Myoclonus	ICD-10-CM	Diagnosis
G25.5	Other chorea	ICD-10-CM	Diagnosis
G25.69	Other tics of organic origin	ICD-10-CM	Diagnosis
G25.81	Restless legs syndrome	ICD-10-CM	Diagnosis
G25.82	Stiff-man syndrome	ICD-10-CM	Diagnosis
G25.83	Benign shuddering attacks	ICD-10-CM	Diagnosis
G25.89	Other specified extrapyramidal and movement disorders	ICD-10-CM	Diagnosis
G25.9	Extrapyramidal and movement disorder, unspecified	ICD-10-CM	Diagnosis
G26	Extrapyramidal and movement disorders in diseases classified elsewhere	ICD-10-CM	Diagnosis
G31.01	Pick's disease	ICD-10-CM	Diagnosis
G31.09	Other frontotemporal dementia	ICD-10-CM	Diagnosis
G31.1	Senile degeneration of brain, not elsewhere classified	ICD-10-CM	Diagnosis
G31.2	Degeneration of nervous system due to alcohol	ICD-10-CM	Diagnosis
G31.81	Alpers disease	ICD-10-CM	Diagnosis
G31.82	Leigh's disease	ICD-10-CM	Diagnosis
G31.83	Dementia with Lewy bodies	ICD-10-CM	Diagnosis
G31.84	Mild cognitive impairment, so stated	ICD-10-CM	Diagnosis
G31.85	Corticobasal degeneration	ICD-10-CM	Diagnosis
G31.89	Other specified degenerative diseases of nervous system	ICD-10-CM	Diagnosis
G31.9	Degenerative disease of nervous system, unspecified	ICD-10-CM	Diagnosis
G32.0	Subacute combined degeneration of spinal cord in diseases classified elsewhere	ICD-10-CM	Diagnosis
G32.81	Cerebellar ataxia in diseases classified elsewhere	ICD-10-CM	Diagnosis
G80.3	Athetoid cerebral palsy	ICD-10-CM	Diagnosis
G89.0	Central pain syndrome	ICD-10-CM	Diagnosis
G90.01	Carotid sinus syncope	ICD-10-CM	Diagnosis
G90.09	Other idiopathic peripheral autonomic neuropathy	ICD-10-CM	Diagnosis
G90.2	Horner's syndrome	ICD-10-CM	Diagnosis
G90.3	Multi-system degeneration of the autonomic nervous system	ICD-10-CM	Diagnosis
G90.4	Autonomic dysreflexia	ICD-10-CM	Diagnosis
G90.50	Complex regional pain syndrome I, unspecified	ICD-10-CM	Diagnosis
G90.511	Complex regional pain syndrome I of right upper limb	ICD-10-CM	Diagnosis
G90.512	Complex regional pain syndrome I of left upper limb	ICD-10-CM	Diagnosis
G90.513	Complex regional pain syndrome I of upper limb, bilateral	ICD-10-CM	Diagnosis
G90.519	Complex regional pain syndrome I of unspecified upper limb	ICD-10-CM	Diagnosis
G90.521	Complex regional pain syndrome I of right lower limb	ICD-10-CM	Diagnosis
G90.522	Complex regional pain syndrome I of left lower limb	ICD-10-CM	Diagnosis
G90.523	Complex regional pain syndrome I of lower limb, bilateral	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
G90.529	Complex regional pain syndrome I of unspecified lower limb	ICD-10-CM	Diagnosis
G90.59	Complex regional pain syndrome I of other specified site	ICD-10-CM	Diagnosis
G90.8	Other disorders of autonomic nervous system	ICD-10-CM	Diagnosis
G90.9	Disorder of the autonomic nervous system, unspecified	ICD-10-CM	Diagnosis
G91.0	Communicating hydrocephalus	ICD-10-CM	Diagnosis
G91.1	Obstructive hydrocephalus	ICD-10-CM	Diagnosis
G91.2	(Idiopathic) normal pressure hydrocephalus	ICD-10-CM	Diagnosis
G91.3	Post-traumatic hydrocephalus, unspecified	ICD-10-CM	Diagnosis
G91.4	Hydrocephalus in diseases classified elsewhere	ICD-10-CM	Diagnosis
G91.8	Other hydrocephalus	ICD-10-CM	Diagnosis
G91.9	Hydrocephalus, unspecified	ICD-10-CM	Diagnosis
G93.89	Other specified disorders of brain	ICD-10-CM	Diagnosis
G93.9	Disorder of brain, unspecified	ICD-10-CM	Diagnosis
G94	Other disorders of brain in diseases classified elsewhere	ICD-10-CM	Diagnosis
G95.0	Syringomyelia and syringobulbia	ICD-10-CM	Diagnosis
G95.11	Acute infarction of spinal cord (embolic) (nonembolic)	ICD-10-CM	Diagnosis
G95.19	Other vascular myelopathies	ICD-10-CM	Diagnosis
G95.20	Unspecified cord compression	ICD-10-CM	Diagnosis
G95.29	Other cord compression	ICD-10-CM	Diagnosis
G95.81	Conus medullaris syndrome	ICD-10-CM	Diagnosis
G95.89	Other specified diseases of spinal cord	ICD-10-CM	Diagnosis
G95.9	Disease of spinal cord, unspecified	ICD-10-CM	Diagnosis
G99.0	Autonomic neuropathy in diseases classified elsewhere	ICD-10-CM	Diagnosis
G99.2	Myelopathy in diseases classified elsewhere	ICD-10-CM	Diagnosis
Depression, Bipolar, or Other Mood Disorders			
F06.31	Mood disorder due to known physiological condition with depressive features	ICD-10-CM	Diagnosis
F06.32	Mood disorder due to known physiological condition with major depressive-like episode	ICD-10-CM	Diagnosis
F31.0	Bipolar disorder, current episode hypomanic	ICD-10-CM	Diagnosis
F31.10	Bipolar disorder, current episode manic without psychotic features, unspecified	ICD-10-CM	Diagnosis
F31.11	Bipolar disorder, current episode manic without psychotic features, mild	ICD-10-CM	Diagnosis
F31.12	Bipolar disorder, current episode manic without psychotic features, moderate	ICD-10-CM	Diagnosis
F31.13	Bipolar disorder, current episode manic without psychotic features, severe	ICD-10-CM	Diagnosis
F31.2	Bipolar disorder, current episode manic severe with psychotic features	ICD-10-CM	Diagnosis
F31.30	Bipolar disorder, current episode depressed, mild or moderate severity, unspecified	ICD-10-CM	Diagnosis
F31.31	Bipolar disorder, current episode depressed, mild	ICD-10-CM	Diagnosis
F31.32	Bipolar disorder, current episode depressed, moderate	ICD-10-CM	Diagnosis
F31.4	Bipolar disorder, current episode depressed, severe, without psychotic features	ICD-10-CM	Diagnosis
F31.5	Bipolar disorder, current episode depressed, severe, with psychotic features	ICD-10-CM	Diagnosis
F31.60	Bipolar disorder, current episode mixed, unspecified	ICD-10-CM	Diagnosis
F31.61	Bipolar disorder, current episode mixed, mild	ICD-10-CM	Diagnosis
F31.62	Bipolar disorder, current episode mixed, moderate	ICD-10-CM	Diagnosis
F31.63	Bipolar disorder, current episode mixed, severe, without psychotic features	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F31.64	Bipolar disorder, current episode mixed, severe, with psychotic features	ICD-10-CM	Diagnosis
F31.71	Bipolar disorder, in partial remission, most recent episode hypomanic	ICD-10-CM	Diagnosis
F31.73	Bipolar disorder, in partial remission, most recent episode manic	ICD-10-CM	Diagnosis
F31.75	Bipolar disorder, in partial remission, most recent episode depressed	ICD-10-CM	Diagnosis
F31.76	Bipolar disorder, in full remission, most recent episode depressed	ICD-10-CM	Diagnosis
F31.77	Bipolar disorder, in partial remission, most recent episode mixed	ICD-10-CM	Diagnosis
F31.78	Bipolar disorder, in full remission, most recent episode mixed	ICD-10-CM	Diagnosis
F31.81	Bipolar II disorder	ICD-10-CM	Diagnosis
F31.89	Other bipolar disorder	ICD-10-CM	Diagnosis
F31.9	Bipolar disorder, unspecified	ICD-10-CM	Diagnosis
F32.0	Major depressive disorder, single episode, mild	ICD-10-CM	Diagnosis
F32.1	Major depressive disorder, single episode, moderate	ICD-10-CM	Diagnosis
F32.2	Major depressive disorder, single episode, severe without psychotic features	ICD-10-CM	Diagnosis
F32.3	Major depressive disorder, single episode, severe with psychotic features	ICD-10-CM	Diagnosis
F32.4	Major depressive disorder, single episode, in partial remission	ICD-10-CM	Diagnosis
F32.5	Major depressive disorder, single episode, in full remission	ICD-10-CM	Diagnosis
F32.8	Other depressive episodes	ICD-10-CM	Diagnosis
F32.89	Other specified depressive episodes	ICD-10-CM	Diagnosis
F32.9	Major depressive disorder, single episode, unspecified	ICD-10-CM	Diagnosis
F32.A	Depression, unspecified	ICD-10-CM	Diagnosis
F33.0	Major depressive disorder, recurrent, mild	ICD-10-CM	Diagnosis
F33.1	Major depressive disorder, recurrent, moderate	ICD-10-CM	Diagnosis
F33.2	Major depressive disorder, recurrent severe without psychotic features	ICD-10-CM	Diagnosis
F33.3	Major depressive disorder, recurrent, severe with psychotic symptoms	ICD-10-CM	Diagnosis
F33.40	Major depressive disorder, recurrent, in remission, unspecified	ICD-10-CM	Diagnosis
F33.41	Major depressive disorder, recurrent, in partial remission	ICD-10-CM	Diagnosis
F33.42	Major depressive disorder, recurrent, in full remission	ICD-10-CM	Diagnosis
F33.8	Other recurrent depressive disorders	ICD-10-CM	Diagnosis
F33.9	Major depressive disorder, recurrent, unspecified	ICD-10-CM	Diagnosis
F34.0	Cyclothymic disorder	ICD-10-CM	Diagnosis
F34.1	Dysthymic disorder	ICD-10-CM	Diagnosis
F43.21	Adjustment disorder with depressed mood	ICD-10-CM	Diagnosis
F43.23	Adjustment disorder with mixed anxiety and depressed mood	ICD-10-CM	Diagnosis
Dementia			
F01.50	Vascular dementia, unspecified severity, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis
F01.51	Vascular dementia, unspecified severity, with behavioral disturbance	ICD-10-CM	Diagnosis
F01.511	Vascular dementia, unspecified severity, with agitation	ICD-10-CM	Diagnosis
F01.518	Vascular dementia, unspecified severity, with other behavioral disturbance	ICD-10-CM	Diagnosis
F01.52	Vascular dementia, unspecified severity, with psychotic disturbance	ICD-10-CM	Diagnosis
F01.53	Vascular dementia, unspecified severity, with mood disturbance	ICD-10-CM	Diagnosis
F01.54	Vascular dementia, unspecified severity, with anxiety	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F01.A0	Vascular dementia, mild, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis
F01.A11	Vascular dementia, mild, with agitation	ICD-10-CM	Diagnosis
F01.A18	Vascular dementia, mild, with other behavioral disturbance	ICD-10-CM	Diagnosis
F01.A2	Vascular dementia, mild, with psychotic disturbance	ICD-10-CM	Diagnosis
F01.A3	Vascular dementia, mild, with mood disturbance	ICD-10-CM	Diagnosis
F01.A4	Vascular dementia, mild, with anxiety	ICD-10-CM	Diagnosis
F01.B0	Vascular dementia, moderate, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis
F01.B11	Vascular dementia, moderate, with agitation	ICD-10-CM	Diagnosis
F01.B18	Vascular dementia, moderate, with other behavioral disturbance	ICD-10-CM	Diagnosis
F01.B2	Vascular dementia, moderate, with psychotic disturbance	ICD-10-CM	Diagnosis
F01.B3	Vascular dementia, moderate, with mood disturbance	ICD-10-CM	Diagnosis
F01.B4	Vascular dementia, moderate, with anxiety	ICD-10-CM	Diagnosis
F01.C0	Vascular dementia, severe, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis
F01.C11	Vascular dementia, severe, with agitation	ICD-10-CM	Diagnosis
F01.C18	Vascular dementia, severe, with other behavioral disturbance	ICD-10-CM	Diagnosis
F01.C2	Vascular dementia, severe, with psychotic disturbance	ICD-10-CM	Diagnosis
F01.C3	Vascular dementia, severe, with mood disturbance	ICD-10-CM	Diagnosis
F01.C4	Vascular dementia, severe, with anxiety	ICD-10-CM	Diagnosis
F02.80	Dementia in other diseases classified elsewhere, unspecified severity, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis
F02.81	Dementia in other diseases classified elsewhere, unspecified severity, with behavioral disturbance	ICD-10-CM	Diagnosis
F02.811	Dementia in other diseases classified elsewhere, unspecified severity, with agitation	ICD-10-CM	Diagnosis
F02.818	Dementia in other diseases classified elsewhere, unspecified severity, with other behavioral disturbance	ICD-10-CM	Diagnosis
F02.82	Dementia in other diseases classified elsewhere, unspecified severity, with psychotic disturbance	ICD-10-CM	Diagnosis
F02.83	Dementia in other diseases classified elsewhere, unspecified severity, with mood disturbance	ICD-10-CM	Diagnosis
F02.84	Dementia in other diseases classified elsewhere, unspecified severity, with anxiety	ICD-10-CM	Diagnosis
F02.A0	Dementia in other diseases classified elsewhere, mild, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis
F02.A11	Dementia in other diseases classified elsewhere, mild, with agitation	ICD-10-CM	Diagnosis
F02.A18	Dementia in other diseases classified elsewhere, mild, with other behavioral disturbance	ICD-10-CM	Diagnosis
F02.A2	Dementia in other diseases classified elsewhere, mild, with psychotic disturbance	ICD-10-CM	Diagnosis
F02.A3	Dementia in other diseases classified elsewhere, mild, with mood disturbance	ICD-10-CM	Diagnosis
F02.A4	Dementia in other diseases classified elsewhere, mild, with anxiety	ICD-10-CM	Diagnosis
F02.B0	Dementia in other diseases classified elsewhere, moderate, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F02.B11	Dementia in other diseases classified elsewhere, moderate, with agitation	ICD-10-CM	Diagnosis
F02.B18	Dementia in other diseases classified elsewhere, moderate, with other behavioral disturbance	ICD-10-CM	Diagnosis
F02.B2	Dementia in other diseases classified elsewhere, moderate, with psychotic disturbance	ICD-10-CM	Diagnosis
F02.B3	Dementia in other diseases classified elsewhere, moderate, with mood disturbance	ICD-10-CM	Diagnosis
F02.B4	Dementia in other diseases classified elsewhere, moderate, with anxiety	ICD-10-CM	Diagnosis
F02.C0	Dementia in other diseases classified elsewhere, severe, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis
F02.C11	Dementia in other diseases classified elsewhere, severe, with agitation	ICD-10-CM	Diagnosis
F02.C18	Dementia in other diseases classified elsewhere, severe, with other behavioral disturbance	ICD-10-CM	Diagnosis
F02.C2	Dementia in other diseases classified elsewhere, severe, with psychotic disturbance	ICD-10-CM	Diagnosis
F02.C3	Dementia in other diseases classified elsewhere, severe, with mood disturbance	ICD-10-CM	Diagnosis
F02.C4	Dementia in other diseases classified elsewhere, severe, with anxiety	ICD-10-CM	Diagnosis
F03.90	Unspecified dementia, unspecified severity, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis
F03.91	Unspecified dementia, unspecified severity, with behavioral disturbance	ICD-10-CM	Diagnosis
F03.911	Unspecified dementia, unspecified severity, with agitation	ICD-10-CM	Diagnosis
F03.918	Unspecified dementia, unspecified severity, with other behavioral disturbance	ICD-10-CM	Diagnosis
F03.92	Unspecified dementia, unspecified severity, with psychotic disturbance	ICD-10-CM	Diagnosis
F03.93	Unspecified dementia, unspecified severity, with mood disturbance	ICD-10-CM	Diagnosis
F03.94	Unspecified dementia, unspecified severity, with anxiety	ICD-10-CM	Diagnosis
F03.A0	Unspecified dementia, mild, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis
F03.A11	Unspecified dementia, mild, with agitation	ICD-10-CM	Diagnosis
F03.A18	Unspecified dementia, mild, with other behavioral disturbance	ICD-10-CM	Diagnosis
F03.A2	Unspecified dementia, mild, with psychotic disturbance	ICD-10-CM	Diagnosis
F03.A3	Unspecified dementia, mild, with mood disturbance	ICD-10-CM	Diagnosis
F03.A4	Unspecified dementia, mild, with anxiety	ICD-10-CM	Diagnosis
F03.B0	Unspecified dementia, moderate, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis
F03.B11	Unspecified dementia, moderate, with agitation	ICD-10-CM	Diagnosis
F03.B18	Unspecified dementia, moderate, with other behavioral disturbance	ICD-10-CM	Diagnosis
F03.B2	Unspecified dementia, moderate, with psychotic disturbance	ICD-10-CM	Diagnosis
F03.B3	Unspecified dementia, moderate, with mood disturbance	ICD-10-CM	Diagnosis
F03.B4	Unspecified dementia, moderate, with anxiety	ICD-10-CM	Diagnosis
F03.C0	Unspecified dementia, severe, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	ICD-10-CM	Diagnosis
F03.C11	Unspecified dementia, severe, with agitation	ICD-10-CM	Diagnosis
F03.C18	Unspecified dementia, severe, with other behavioral disturbance	ICD-10-CM	Diagnosis
F03.C2	Unspecified dementia, severe, with psychotic disturbance	ICD-10-CM	Diagnosis
F03.C3	Unspecified dementia, severe, with mood disturbance	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F03.C4	Unspecified dementia, severe, with anxiety	ICD-10-CM	Diagnosis
F05	Delirium due to known physiological condition	ICD-10-CM	Diagnosis
G13.8	Systemic atrophy primarily affecting central nervous system in other diseases classified elsewhere	ICD-10-CM	Diagnosis
G31.01	Pick's disease	ICD-10-CM	Diagnosis
G31.09	Other frontotemporal neurocognitive disorder	ICD-10-CM	Diagnosis
G31.1	Senile degeneration of brain, not elsewhere classified	ICD-10-CM	Diagnosis
G31.2	Degeneration of nervous system due to alcohol	ICD-10-CM	Diagnosis
G31.83	Neurocognitive disorder with Lewy bodies	ICD-10-CM	Diagnosis
G94	Other disorders of brain in diseases classified elsewhere	ICD-10-CM	Diagnosis
R41.81	Age-related cognitive decline	ICD-10-CM	Diagnosis
Drug Use Disorder			
F13.90	Sedative, hypnotic, or anxiolytic use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	ICD-10-CM	Diagnosis
F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	ICD-10-CM	Diagnosis
F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	ICD-10-CM	Diagnosis
F13.99	Sedative, hypnotic or anxiolytic use, unspecified with unspecified sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	ICD-10-CM	Diagnosis
F13.981	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sexual dysfunction	ICD-10-CM	Diagnosis
F13.959	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F13.951	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F13.950	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	ICD-10-CM	Diagnosis
F13.96	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F13.94	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced mood disorder	ICD-10-CM	Diagnosis
F13.980	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced anxiety disorder	ICD-10-CM	Diagnosis
F13.988	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.929	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F13.920	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F13.921	Sedative, hypnotic or anxiolytic use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F13.20	Sedative, hypnotic or anxiolytic dependence, uncomplicated	ICD-10-CM	Diagnosis
F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	ICD-10-CM	Diagnosis
F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	ICD-10-CM	Diagnosis
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sleep disorder	ICD-10-CM	Diagnosis
F13.281	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sexual dysfunction	ICD-10-CM	Diagnosis
F13.259	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F13.251	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F13.250	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	ICD-10-CM	Diagnosis
F13.26	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F13.24	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced mood disorder	ICD-10-CM	Diagnosis
F13.280	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced anxiety disorder	ICD-10-CM	Diagnosis
F13.288	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.229	Sedative, hypnotic or anxiolytic dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F13.220	Sedative, hypnotic or anxiolytic dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F13.221	Sedative, hypnotic or anxiolytic dependence with intoxication delirium	ICD-10-CM	Diagnosis
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	ICD-10-CM	Diagnosis
F13.139	Sedative, hypnotic or anxiolytic abuse with withdrawal, unspecified	ICD-10-CM	Diagnosis
F13.130	Sedative, hypnotic or anxiolytic abuse with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F13.132	Sedative, hypnotic or anxiolytic abuse with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F13.131	Sedative, hypnotic or anxiolytic abuse with withdrawal delirium	ICD-10-CM	Diagnosis
F13.19	Sedative, hypnotic or anxiolytic abuse with unspecified sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	ICD-10-CM	Diagnosis
F13.181	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sexual dysfunction	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F13.159	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F13.151	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F13.150	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	ICD-10-CM	Diagnosis
F13.180	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced anxiety disorder	ICD-10-CM	Diagnosis
F13.188	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	ICD-10-CM	Diagnosis
F15.90	Other stimulant use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F15.93	Other stimulant use, unspecified with withdrawal	ICD-10-CM	Diagnosis
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	ICD-10-CM	Diagnosis
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	ICD-10-CM	Diagnosis
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	ICD-10-CM	Diagnosis
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	ICD-10-CM	Diagnosis
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.929	Other stimulant use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F15.921	Other stimulant use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F15.20	Other stimulant dependence, uncomplicated	ICD-10-CM	Diagnosis
F15.23	Other stimulant dependence with withdrawal	ICD-10-CM	Diagnosis
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	ICD-10-CM	Diagnosis
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	ICD-10-CM	Diagnosis
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F15.24	Other stimulant dependence with stimulant-induced mood disorder	ICD-10-CM	Diagnosis
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	ICD-10-CM	Diagnosis
F15.288	Other stimulant dependence with other stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.229	Other stimulant dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F15.220	Other stimulant dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F15.221	Other stimulant dependence with intoxication delirium	ICD-10-CM	Diagnosis
F15.10	Other stimulant abuse, uncomplicated	ICD-10-CM	Diagnosis
F15.13	Other stimulant abuse with withdrawal	ICD-10-CM	Diagnosis
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	ICD-10-CM	Diagnosis
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	ICD-10-CM	Diagnosis
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F15.14	Other stimulant abuse with stimulant-induced mood disorder	ICD-10-CM	Diagnosis
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	ICD-10-CM	Diagnosis
F15.188	Other stimulant abuse with other stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.129	Other stimulant abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F15.120	Other stimulant abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F15.121	Other stimulant abuse with intoxication delirium	ICD-10-CM	Diagnosis
F19.90	Other psychoactive substance use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F19.920	Other psychoactive substance use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F19.20	Other psychoactive substance dependence, uncomplicated	ICD-10-CM	Diagnosis
F19.239	Other psychoactive substance dependence with withdrawal, unspecified	ICD-10-CM	Diagnosis
F19.230	Other psychoactive substance dependence with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F19.232	Other psychoactive substance dependence with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F19.231	Other psychoactive substance dependence with withdrawal delirium	ICD-10-CM	Diagnosis
F19.29	Other psychoactive substance dependence with unspecified psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	ICD-10-CM	Diagnosis
F19.281	Other psychoactive substance dependence with psychoactive substance-induced sexual dysfunction	ICD-10-CM	Diagnosis
F19.259	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F19.251	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F19.250	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	ICD-10-CM	Diagnosis
F19.26	Other psychoactive substance dependence with psychoactive substance-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F19.24	Other psychoactive substance dependence with psychoactive substance-induced mood disorder	ICD-10-CM	Diagnosis
F19.280	Other psychoactive substance dependence with psychoactive substance-induced anxiety disorder	ICD-10-CM	Diagnosis
F19.288	Other psychoactive substance dependence with other psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.229	Other psychoactive substance dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F19.220	Other psychoactive substance dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F19.222	Other psychoactive substance dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F19.221	Other psychoactive substance dependence with intoxication delirium	ICD-10-CM	Diagnosis
F19.10	Other psychoactive substance abuse, uncomplicated	ICD-10-CM	Diagnosis
F19.139	Other psychoactive substance abuse with withdrawal, unspecified	ICD-10-CM	Diagnosis
F19.130	Other psychoactive substance abuse with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F19.132	Other psychoactive substance abuse with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F19.131	Other psychoactive substance abuse with withdrawal delirium	ICD-10-CM	Diagnosis
F19.19	Other psychoactive substance abuse with unspecified psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.182	Other psychoactive substance abuse with psychoactive substance-induced sleep disorder	ICD-10-CM	Diagnosis
F19.181	Other psychoactive substance abuse with psychoactive substance-induced sexual dysfunction	ICD-10-CM	Diagnosis
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	ICD-10-CM	Diagnosis
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	ICD-10-CM	Diagnosis
F19.180	Other psychoactive substance abuse with psychoactive substance-induced anxiety disorder	ICD-10-CM	Diagnosis
F19.188	Other psychoactive substance abuse with other psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.129	Other psychoactive substance abuse with intoxication, unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	ICD-10-CM	Diagnosis
F19.121	Other psychoactive substance abuse with intoxication delirium	ICD-10-CM	Diagnosis
F11.90	Opioid use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F11.93	Opioid use, unspecified with withdrawal	ICD-10-CM	Diagnosis
F11.99	Opioid use, unspecified with unspecified opioid-induced disorder	ICD-10-CM	Diagnosis
F11.988	Opioid use, unspecified with other opioid-induced disorder	ICD-10-CM	Diagnosis
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	ICD-10-CM	Diagnosis
F11.981	Opioid use, unspecified with opioid-induced sexual dysfunction	ICD-10-CM	Diagnosis
F11.959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F11.951	Opioid use, unspecified with opioid-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F11.950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F11.94	Opioid use, unspecified with opioid-induced mood disorder	ICD-10-CM	Diagnosis
F11.929	Opioid use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F11.920	Opioid use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F11.922	Opioid use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F11.921	Opioid use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F11.20	Opioid dependence, uncomplicated	ICD-10-CM	Diagnosis
F11.23	Opioid dependence with withdrawal	ICD-10-CM	Diagnosis
F11.29	Opioid dependence with unspecified opioid-induced disorder	ICD-10-CM	Diagnosis
F11.288	Opioid dependence with other opioid-induced disorder	ICD-10-CM	Diagnosis
F11.282	Opioid dependence with opioid-induced sleep disorder	ICD-10-CM	Diagnosis
F11.281	Opioid dependence with opioid-induced sexual dysfunction	ICD-10-CM	Diagnosis
F11.259	Opioid dependence with opioid-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F11.251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F11.250	Opioid dependence with opioid-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F11.24	Opioid dependence with opioid-induced mood disorder	ICD-10-CM	Diagnosis
F11.229	Opioid dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F11.220	Opioid dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F11.222	Opioid dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F11.221	Opioid dependence with intoxication delirium	ICD-10-CM	Diagnosis
F11.10	Opioid abuse, uncomplicated	ICD-10-CM	Diagnosis
F11.13	Opioid abuse with withdrawal	ICD-10-CM	Diagnosis
F11.19	Opioid abuse with unspecified opioid-induced disorder	ICD-10-CM	Diagnosis
F11.188	Opioid abuse with other opioid-induced disorder	ICD-10-CM	Diagnosis
F11.182	Opioid abuse with opioid-induced sleep disorder	ICD-10-CM	Diagnosis
F11.181	Opioid abuse with opioid-induced sexual dysfunction	ICD-10-CM	Diagnosis
F11.159	Opioid abuse with opioid-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F11.151	Opioid abuse with opioid-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F11.14	Opioid abuse with opioid-induced mood disorder	ICD-10-CM	Diagnosis
F11.129	Opioid abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F11.120	Opioid abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F11.122	Opioid abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F11.121	Opioid abuse with intoxication delirium	ICD-10-CM	Diagnosis
F17.209	Nicotine dependence, unspecified, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.208	Nicotine dependence, unspecified, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.293	Nicotine dependence, other tobacco product, with withdrawal	ICD-10-CM	Diagnosis
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.213	Nicotine dependence, cigarettes, with withdrawal	ICD-10-CM	Diagnosis
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.223	Nicotine dependence, chewing tobacco, with withdrawal	ICD-10-CM	Diagnosis
F17.229	Nicotine dependence, chewing tobacco, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.228	Nicotine dependence, chewing tobacco, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.203	Nicotine dependence unspecified, with withdrawal	ICD-10-CM	Diagnosis
F18.90	Inhalant use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.929	Inhalant use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F18.920	Inhalant use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F18.921	Inhalant use, unspecified with intoxication with delirium	ICD-10-CM	Diagnosis
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with	ICD-10-CM	Diagnosis
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	ICD-10-CM	Diagnosis
F18.94	Inhalant use, unspecified with inhalant-induced mood disorder	ICD-10-CM	Diagnosis
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	ICD-10-CM	Diagnosis
F18.20	Inhalant dependence, uncomplicated	ICD-10-CM	Diagnosis
F18.29	Inhalant dependence with unspecified inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.288	Inhalant dependence with other inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.229	Inhalant dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F18.220	Inhalant dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F18.221	Inhalant dependence with intoxication delirium	ICD-10-CM	Diagnosis
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F18.251	Inhalant dependence with inhalant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F18.250	Inhalant dependence with inhalant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F18.24	Inhalant dependence with inhalant-induced mood disorder	ICD-10-CM	Diagnosis
F18.27	Inhalant dependence with inhalant-induced dementia	ICD-10-CM	Diagnosis
F18.280	Inhalant dependence with inhalant-induced anxiety disorder	ICD-10-CM	Diagnosis
F18.10	Inhalant abuse, uncomplicated	ICD-10-CM	Diagnosis
F18.19	Inhalant abuse with unspecified inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.188	Inhalant abuse with other inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.129	Inhalant abuse with intoxication, unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F18.120	Inhalant abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F18.121	Inhalant abuse with intoxication delirium	ICD-10-CM	Diagnosis
F18.159	Inhalant abuse with inhalant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F18.151	Inhalant abuse with inhalant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F18.150	Inhalant abuse with inhalant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F18.14	Inhalant abuse with inhalant-induced mood disorder	ICD-10-CM	Diagnosis
F18.17	Inhalant abuse with inhalant-induced dementia	ICD-10-CM	Diagnosis
F18.180	Inhalant abuse with inhalant-induced anxiety disorder	ICD-10-CM	Diagnosis
F16.90	Hallucinogen use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.929	Hallucinogen use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F16.920	Hallucinogen use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F16.921	Hallucinogen use, unspecified with intoxication with delirium	ICD-10-CM	Diagnosis
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	ICD-10-CM	Diagnosis
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F16.94	Hallucinogen use, unspecified with hallucinogen-induced mood disorder	ICD-10-CM	Diagnosis
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	ICD-10-CM	Diagnosis
F16.20	Hallucinogen dependence, uncomplicated	ICD-10-CM	Diagnosis
F16.29	Hallucinogen dependence with unspecified hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.288	Hallucinogen dependence with other hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.229	Hallucinogen dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F16.220	Hallucinogen dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F16.221	Hallucinogen dependence with intoxication with delirium	ICD-10-CM	Diagnosis
F16.283	Hallucinogen dependence with hallucinogen persisting perception disorder (flashbacks)	ICD-10-CM	Diagnosis
F16.259	Hallucinogen dependence with hallucinogen-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F16.251	Hallucinogen dependence with hallucinogen-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F16.250	Hallucinogen dependence with hallucinogen-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F16.24	Hallucinogen dependence with hallucinogen-induced mood disorder	ICD-10-CM	Diagnosis
F16.280	Hallucinogen dependence with hallucinogen-induced anxiety disorder	ICD-10-CM	Diagnosis
F16.10	Hallucinogen abuse, uncomplicated	ICD-10-CM	Diagnosis
F16.19	Hallucinogen abuse with unspecified hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.188	Hallucinogen abuse with other hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.129	Hallucinogen abuse with intoxication, unspecified	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
F16.120	Hallucinogen abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F16.122	Hallucinogen abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F16.121	Hallucinogen abuse with intoxication with delirium	ICD-10-CM	Diagnosis
F16.183	Hallucinogen abuse with hallucinogen persisting perception disorder (flashbacks)	ICD-10-CM	Diagnosis
F16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	ICD-10-CM	Diagnosis
F16.180	Hallucinogen abuse with hallucinogen-induced anxiety disorder	ICD-10-CM	Diagnosis
F14.90	Cocaine use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F14.93	Cocaine use, unspecified with withdrawal	ICD-10-CM	Diagnosis
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.929	Cocaine use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F14.921	Cocaine use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	ICD-10-CM	Diagnosis
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	ICD-10-CM	Diagnosis
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	ICD-10-CM	Diagnosis
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	ICD-10-CM	Diagnosis
F14.20	Cocaine dependence, uncomplicated	ICD-10-CM	Diagnosis
F14.23	Cocaine dependence with withdrawal	ICD-10-CM	Diagnosis
F14.29	Cocaine dependence with unspecified cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.288	Cocaine dependence with other cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.229	Cocaine dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F14.220	Cocaine dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F14.222	Cocaine dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F14.221	Cocaine dependence with intoxication delirium	ICD-10-CM	Diagnosis
F14.282	Cocaine dependence with cocaine-induced sleep disorder	ICD-10-CM	Diagnosis
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	ICD-10-CM	Diagnosis
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F14.24	Cocaine dependence with cocaine-induced mood disorder	ICD-10-CM	Diagnosis
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	ICD-10-CM	Diagnosis
F14.13	Cocaine abuse, unspecified with withdrawal	ICD-10-CM	Diagnosis
F14.10	Cocaine abuse, uncomplicated	ICD-10-CM	Diagnosis
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.188	Cocaine abuse with other cocaine-induced disorder	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F14.129	Cocaine abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F14.120	Cocaine abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F14.122	Cocaine abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F14.121	Cocaine abuse with intoxication with delirium	ICD-10-CM	Diagnosis
F14.182	Cocaine abuse with cocaine-induced sleep disorder	ICD-10-CM	Diagnosis
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	ICD-10-CM	Diagnosis
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F14.14	Cocaine abuse with cocaine-induced mood disorder	ICD-10-CM	Diagnosis
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	ICD-10-CM	Diagnosis
F12.90	Cannabis use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	ICD-10-CM	Diagnosis
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.929	Cannabis use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F12.921	Cannabis use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F12.980	Cannabis use, unspecified with anxiety disorder	ICD-10-CM	Diagnosis
F12.20	Cannabis dependence, uncomplicated	ICD-10-CM	Diagnosis
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.259	Cannabis dependence with psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F12.251	Cannabis dependence with psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F12.250	Cannabis dependence with psychotic disorder with delusions	ICD-10-CM	Diagnosis
F12.288	Cannabis dependence with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.229	Cannabis dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F12.220	Cannabis dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F12.222	Cannabis dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F12.221	Cannabis dependence with intoxication delirium	ICD-10-CM	Diagnosis
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	ICD-10-CM	Diagnosis
F12.10	Cannabis abuse, uncomplicated	ICD-10-CM	Diagnosis
F12.13	Cannabis abuse with withdrawal	ICD-10-CM	Diagnosis
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.159	Cannabis abuse with psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F12.151	Cannabis abuse with psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F12.150	Cannabis abuse with psychotic disorder with delusions	ICD-10-CM	Diagnosis
F12.188	Cannabis abuse with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.129	Cannabis abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F12.120	Cannabis abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F12.122	Cannabis abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F12.121	Cannabis abuse with intoxication delirium	ICD-10-CM	Diagnosis
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	ICD-10-CM	Diagnosis
HZ2ZZZZ	Detoxification Services for Substance Abuse Treatment	ICD-10-PCS	Procedure
HZ30ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive	ICD-10-PCS	Procedure
HZ31ZZZ	Individual Counseling for Substance Abuse Treatment, Behavioral	ICD-10-PCS	Procedure
HZ32ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive-Behavioral	ICD-10-PCS	Procedure
HZ33ZZZ	Individual Counseling for Substance Abuse Treatment, 12-Step	ICD-10-PCS	Procedure
HZ34ZZZ	Individual Counseling for Substance Abuse Treatment, Interpersonal	ICD-10-PCS	Procedure
HZ35ZZZ	Individual Counseling for Substance Abuse Treatment, Vocational	ICD-10-PCS	Procedure
HZ36ZZZ	Individual Counseling for Substance Abuse Treatment, Psychoeducation	ICD-10-PCS	Procedure
HZ37ZZZ	Individual Counseling for Substance Abuse Treatment, Motivational Enhancement	ICD-10-PCS	Procedure
HZ38ZZZ	Individual Counseling for Substance Abuse Treatment, Confrontational	ICD-10-PCS	Procedure
HZ39ZZZ	Individual Counseling for Substance Abuse Treatment, Continuing Care	ICD-10-PCS	Procedure
HZ3BZZZ	Individual Counseling for Substance Abuse Treatment, Spiritual	ICD-10-PCS	Procedure
HZ40ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive	ICD-10-PCS	Procedure
HZ93ZZZ	Pharmacotherapy for Substance Abuse Treatment, Antabuse	ICD-10-PCS	Procedure
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	ICD-10-PCS	Procedure
F19.921	Other psychoactive substance use, unspecified with intoxication with delirium	ICD-10-CM	Diagnosis
F19.922	Other psychoactive substance use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F19.929	Other psychoactive substance use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F19.930	Other psychoactive substance use, unspecified with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	ICD-10-CM	Diagnosis
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	ICD-10-CM	Diagnosis
F19.94	Other psychoactive substance use, unspecified with psychoactive substance-induced mood disorder	ICD-10-CM	Diagnosis
F19.950	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F19.951	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F19.959	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F19.96	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	ICD-10-CM	Diagnosis
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-induced anxiety disorder	ICD-10-CM	Diagnosis
F19.981	Other psychoactive substance use, unspecified with psychoactive substance-induced sexual dysfunction	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	ICD-10-CM	Diagnosis
F19.988	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.99	Other psychoactive substance use, unspecified with unspecified psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F55.0	Abuse of antacids	ICD-10-CM	Diagnosis
F55.1	Abuse of herbal or folk remedies	ICD-10-CM	Diagnosis
F55.2	Abuse of laxatives	ICD-10-CM	Diagnosis
F55.3	Abuse of steroids or hormones	ICD-10-CM	Diagnosis
F55.4	Abuse of vitamins	ICD-10-CM	Diagnosis
F55.8	Abuse of other non-psychoactive substances	ICD-10-CM	Diagnosis
O35.5XX0	Maternal care for (suspected) damage to fetus by drugs, not applicable or	ICD-10-CM	Diagnosis
O35.5XX1	Maternal care for (suspected) damage to fetus by drugs, fetus 1	ICD-10-CM	Diagnosis
O35.5XX2	Maternal care for (suspected) damage to fetus by drugs, fetus 2	ICD-10-CM	Diagnosis
O35.5XX3	Maternal care for (suspected) damage to fetus by drugs, fetus 3	ICD-10-CM	Diagnosis
O35.5XX4	Maternal care for (suspected) damage to fetus by drugs, fetus 4	ICD-10-CM	Diagnosis
O35.5XX5	Maternal care for (suspected) damage to fetus by drugs, fetus 5	ICD-10-CM	Diagnosis
O35.5XX9	Maternal care for (suspected) damage to fetus by drugs, other fetus	ICD-10-CM	Diagnosis
O99.320	Drug use complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O99.321	Drug use complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O99.322	Drug use complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O99.323	Drug use complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O99.324	Drug use complicating childbirth	ICD-10-CM	Diagnosis
O99.325	Drug use complicating the puerperium	ICD-10-CM	Diagnosis
P04.41	Newborn affected by maternal use of cocaine	ICD-10-CM	Diagnosis
P04.49	Newborn affected by maternal use of other drugs of addiction	ICD-10-CM	Diagnosis
P96.1	Neonatal withdrawal symptoms from maternal use of drugs of addiction	ICD-10-CM	Diagnosis
P96.2	Withdrawal symptoms from therapeutic use of drugs in newborn	ICD-10-CM	Diagnosis
T40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.0X3A	Poisoning by opium, assault, initial encounter	ICD-10-CM	Diagnosis
T40.0X4A	Poisoning by opium, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.0X5A	Adverse effect of opium, initial encounter	ICD-10-CM	Diagnosis
T40.0X5S	Adverse effect of opium, sequela	ICD-10-CM	Diagnosis
T40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.1X2A	Poisoning by heroin, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.1X3A	Poisoning by heroin, assault, initial encounter	ICD-10-CM	Diagnosis
T40.1X4A	Poisoning by heroin, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.2X2A	Poisoning by other opioids, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.2X3A	Poisoning by other opioids, assault, initial encounter	ICD-10-CM	Diagnosis
T40.2X4A	Poisoning by other opioids, undetermined, initial encounter	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
T40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.3X2A	Poisoning by methadone, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.3X3A	Poisoning by methadone, assault, initial encounter	ICD-10-CM	Diagnosis
T40.3X4A	Poisoning by methadone, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.3X5A	Adverse effect of methadone, initial encounter	ICD-10-CM	Diagnosis
T40.3X5S	Adverse effect of methadone, sequela	ICD-10-CM	Diagnosis
T40.411A	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), initial	ICD-10-CM	Diagnosis
T40.412A	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.413A	Poisoning by fentanyl or fentanyl analogs, assault, initial encounter	ICD-10-CM	Diagnosis
T40.414A	Poisoning by fentanyl or fentanyl analogs, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.415A	Adverse effect of fentanyl or fentanyl analogs, initial encounter	ICD-10-CM	Diagnosis
T40.421A	Poisoning by tramadol, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.422A	Poisoning by tramadol, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.423A	Poisoning by tramadol, assault, initial encounter	ICD-10-CM	Diagnosis
T40.424A	Poisoning by tramadol, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.425A	Adverse effect of tramadol, initial encounter	ICD-10-CM	Diagnosis
T40.491A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.492A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.493A	Poisoning by other synthetic narcotics, assault, initial encounter	ICD-10-CM	Diagnosis
T40.494A	Poisoning by other synthetic narcotics, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.495A	Adverse effect of other synthetic narcotics, initial encounter	ICD-10-CM	Diagnosis
T40.4X1A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.4X3A	Poisoning by other synthetic narcotics, assault, initial encounter	ICD-10-CM	Diagnosis
T40.4X4A	Poisoning by other synthetic narcotics, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.601A	Poisoning by unspecified narcotics, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.602A	Poisoning by unspecified narcotics, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.603A	Poisoning by unspecified narcotics, assault, initial encounter	ICD-10-CM	Diagnosis
T40.604A	Poisoning by unspecified narcotics, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.692A	Poisoning by other narcotics, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.693A	Poisoning by other narcotics, assault, initial encounter	ICD-10-CM	Diagnosis
T40.694A	Poisoning by other narcotics, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.711A	Poisoning by cannabis, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.721A	Poisoning by synthetic cannabinoids, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.7X1A	Poisoning by cannabis (derivatives), accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.8X1A	Poisoning by lysergide [LSD], accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.901A	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.991A	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
Z71.41	Alcohol abuse counseling and surveillance of alcoholic	ICD-10-CM	Diagnosis
Z71.42	Counseling for family member of alcoholic	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Z71.51	Drug abuse counseling and surveillance of drug abuser	ICD-10-CM	Diagnosis
Z71.52	Counseling for family member of drug abuser	ICD-10-CM	Diagnosis
Z71.6	Tobacco abuse counseling	ICD-10-CM	Diagnosis
HZ2ZZZZ	Detoxification Services for Substance Abuse Treatment	ICD-10-PCS	Procedure
HZ30ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive	ICD-10-PCS	Procedure
HZ31ZZZ	Individual Counseling for Substance Abuse Treatment, Behavioral	ICD-10-PCS	Procedure
HZ32ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive-Behavioral	ICD-10-PCS	Procedure
HZ33ZZZ	Individual Counseling for Substance Abuse Treatment, 12-Step	ICD-10-PCS	Procedure
HZ34ZZZ	Individual Counseling for Substance Abuse Treatment, Interpersonal	ICD-10-PCS	Procedure
HZ35ZZZ	Individual Counseling for Substance Abuse Treatment, Vocational	ICD-10-PCS	Procedure
HZ36ZZZ	Individual Counseling for Substance Abuse Treatment, Psychoeducation	ICD-10-PCS	Procedure
HZ37ZZZ	Individual Counseling for Substance Abuse Treatment, Motivational Enhancement	ICD-10-PCS	Procedure
HZ38ZZZ	Individual Counseling for Substance Abuse Treatment, Confrontational	ICD-10-PCS	Procedure
HZ39ZZZ	Individual Counseling for Substance Abuse Treatment, Continuing Care	ICD-10-PCS	Procedure
HZ3BZZZ	Individual Counseling for Substance Abuse Treatment, Spiritual	ICD-10-PCS	Procedure
HZ40ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive	ICD-10-PCS	Procedure
HZ93ZZZ	Pharmacotherapy for Substance Abuse Treatment, Antabuse	ICD-10-PCS	Procedure
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	ICD-10-PCS	Procedure
Durable Medical Equipment			
E0100	Cane, includes canes of all materials, adjustable or fixed, with tip	HCPCS	Procedure
E0105	Cane, quad or three-prong, includes canes of all materials, adjustable or fixed, with tips	HCPCS	Procedure
E0110	Crutches, forearm, includes crutches of various materials, adjustable or fixed, pair, complete with tips and handgrips	HCPCS	Procedure
E0111	Crutch, forearm, includes crutches of various materials, adjustable or fixed, each, with tip and handgrips	HCPCS	Procedure
E0112	Crutches, underarm, wood, adjustable or fixed, pair, with pads, tips, and handgrips	HCPCS	Procedure
E0113	Crutch, underarm, wood, adjustable or fixed, each, with pad, tip, and handgrip	HCPCS	Procedure
E0114	Crutches, underarm, other than wood, adjustable or fixed, pair, with pads, tips, and handgrips	HCPCS	Procedure
E0116	Crutch, underarm, other than wood, adjustable or fixed, with pad, tip, handgrip, with or without shock absorber, each	HCPCS	Procedure
E0117	Crutch, underarm, articulating, spring assisted, each	HCPCS	Procedure
E0118	Crutch substitute, lower leg platform, with or without wheels, each	HCPCS	Procedure
E0130	Walker, rigid (pickup), adjustable or fixed height	HCPCS	Procedure
E0135	Walker, folding (pickup), adjustable or fixed height	HCPCS	Procedure
E0140	Walker, with trunk support, adjustable or fixed height, any type	HCPCS	Procedure
E0141	Walker, rigid, wheeled, adjustable or fixed height	HCPCS	Procedure
E0142	Rigid walker, wheeled, with seat	HCPCS	Procedure
E0143	Walker, folding, wheeled, adjustable or fixed height	HCPCS	Procedure
E0144	Walker, enclosed, four-sided framed, rigid or folding, wheeled with posterior seat	HCPCS	Procedure
E0145	Walker, wheeled, with seat and crutch attachments	HCPCS	Procedure
E0146	Folding walker, wheeled, with seat	HCPCS	Procedure

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Code	Description	Code Type	Code Category
E0147	Walker, heavy-duty, multiple braking system, variable wheel resistance	HCPCS	Procedure
E0148	Walker, heavy-duty, without wheels, rigid or folding, any type, each	HCPCS	Procedure
E0149	Walker, heavy-duty, wheeled, rigid or folding, any type	HCPCS	Procedure
E0153	Platform attachment, forearm crutch, each	HCPCS	Procedure
E0154	Platform attachment, walker, each	HCPCS	Procedure
E0155	Wheel attachment, rigid pick-up walker, per pair	HCPCS	Procedure
E0156	Seat attachment, walker	HCPCS	Procedure
E0157	Crutch attachment, walker, each	HCPCS	Procedure
E0158	Leg extensions for walker, per set of four	HCPCS	Procedure
E0159	Brake attachment for wheeled walker, replacement, each	HCPCS	Procedure
E0250	Hospital bed, fixed height, with any type side rails, with mattress	HCPCS	Procedure
E0251	Hospital bed, fixed height, with any type side rails, without mattress	HCPCS	Procedure
E0255	Hospital bed, variable height, hi-lo, with any type side rails, with mattress	HCPCS	Procedure
E0256	Hospital bed, variable height, hi-lo, with any type side rails, without mattress	HCPCS	Procedure
E0260	Hospital bed, semi-electric (head and foot adjustment), with any type side rails, with mattress	HCPCS	Procedure
E0261	Hospital bed, semi-electric (head and foot adjustment), with any type side rails, without mattress	HCPCS	Procedure
E0265	Hospital bed, total electric (head, foot, and height adjustments), with any type side rails, with mattress	HCPCS	Procedure
E0266	Hospital bed, total electric (head, foot, and height adjustments), with any type side rails, without mattress	HCPCS	Procedure
E0270	Hospital bed, institutional type includes: oscillating, circulating and Stryker frame, with mattress	HCPCS	Procedure
E0271	Mattress, innerspring	HCPCS	Procedure
E0272	Mattress, foam rubber	HCPCS	Procedure
E0273	Bed board	HCPCS	Procedure
E0274	Over-bed table	HCPCS	Procedure
E0275	Bed pan, standard, metal or plastic	HCPCS	Procedure
E0276	Bed pan, fracture, metal or plastic	HCPCS	Procedure
E0277	Powered pressure-reducing air mattress	HCPCS	Procedure
E0280	Bed cradle, any type	HCPCS	Procedure
E0290	Hospital bed, fixed height, without side rails, with mattress	HCPCS	Procedure
E0291	Hospital bed, fixed height, without side rails, without mattress	HCPCS	Procedure
E0292	Hospital bed, variable height, hi-lo, without side rails, with mattress	HCPCS	Procedure
E0293	Hospital bed, variable height, hi-lo, without side rails, without mattress	HCPCS	Procedure
E0294	Hospital bed, semi-electric (head and foot adjustment), without side rails, with mattress	HCPCS	Procedure
E0295	Hospital bed, semi-electric (head and foot adjustment), without side rails, without mattress	HCPCS	Procedure
E0296	Hospital bed, total electric (head, foot, and height adjustments), without side rails, with mattress	HCPCS	Procedure

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Code	Description	Code Type	Code Category
E0297	Hospital bed, total electric (head, foot, and height adjustments), without side rails, without mattress	HCPCS	Procedure
E0298	Hospital bed, heavy duty, extra wide, with any type side rails, with mattress	HCPCS	Procedure
E0300	Pediatric crib, hospital grade, fully enclosed, with or without top enclosure	HCPCS	Procedure
E0301	Hospital bed, heavy-duty, extra wide, with weight capacity greater than 350 pounds, but less than or equal to 600 pounds, with any type side rails, without mattress	HCPCS	Procedure
E0302	Hospital bed, extra heavy-duty, extra wide, with weight capacity greater than 600 pounds, with any type side rails, without mattress	HCPCS	Procedure
E0303	Hospital bed, heavy-duty, extra wide, with weight capacity greater than 350 pounds, but less than or equal to 600 pounds, with any type side rails, with mattress	HCPCS	Procedure
E0304	Hospital bed, extra heavy-duty, extra wide, with weight capacity greater than 600 pounds, with any type side rails, with mattress	HCPCS	Procedure
E0305	Bedside rails, half-length	HCPCS	Procedure
E0310	Bedside rails, full-length	HCPCS	Procedure
E0315	Bed accessory: board, table, or support device, any type	HCPCS	Procedure
E0316	Safety enclosure frame/canopy for use with hospital bed, any type	HCPCS	Procedure
E0325	Urinal; male, jug-type, any material	HCPCS	Procedure
E0326	Urinal; female, jug-type, any material	HCPCS	Procedure
E0328	Hospital bed, pediatric, manual, 360 degree side enclosures, top of headboard, footboard and side rails up to 24 in above the spring, includes mattress	HCPCS	Procedure
E0329	Hospital bed, pediatric, electric or semi-electric, 360 degree side enclosures, top of headboard, footboard and side rails up to 24 in above the spring, includes mattress	HCPCS	Procedure
E0350	Control unit for electronic bowel irrigation/evacuation system	HCPCS	Procedure
E0352	Disposable pack (water reservoir bag, speculum, valving mechanism, and collection bag/box) for use with the electronic bowel irrigation/evacuation system	HCPCS	Procedure
E0370	Air pressure elevator for heel	HCPCS	Procedure
E0371	Nonpowered advanced pressure reducing overlay for mattress, standard mattress length and width	HCPCS	Procedure
E0372	Powered air overlay for mattress, standard mattress length and width	HCPCS	Procedure
E0373	Nonpowered advanced pressure reducing mattress	HCPCS	Procedure
E1353	Regulator	HCPCS	Procedure
E1354	Oxygen accessory, wheeled cart for portable cylinder or portable concentrator, any type, replacement only, each	HCPCS	Procedure
E1355	Stand/rack	HCPCS	Procedure
E1356	Oxygen accessory, battery pack/cartridge for portable concentrator, any type, replacement only, each	HCPCS	Procedure
E1357	Oxygen accessory, battery charger for portable concentrator, any type, replacement only, each	HCPCS	Procedure
E1358	Oxygen accessory, DC power adapter for portable concentrator, any type, replacement only, each	HCPCS	Procedure
E1372	Immersion external heater for nebulizer	HCPCS	Procedure
E1375	Nebulizer portable with small compressor, with limited flow	HCPCS	Procedure
E1377	Oxygen concentrator, high humidity system equiv. to 244 cu. ft.	HCPCS	Procedure

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Code	Description	Code Type	Code Category
E1378	Oxygen concentrator, high humidity system equiv. to 488 cu. ft.	HCPCS	Procedure
E1379	Oxygen concentrator, high humidity system equiv. to 732 cu. ft.	HCPCS	Procedure
E1380	Oxygen concentrator, high humidity system equiv. to 976 cu. ft.	HCPCS	Procedure
E1381	Oxygen concentrator, high humidity system equiv. to 1220 cu. ft.	HCPCS	Procedure
E1382	Oxygen concentrator, high humidity system equiv. to 1464 cu. ft.	HCPCS	Procedure
E1383	Oxygen concentrator, high humidity system equiv. to 1708 cu. ft.	HCPCS	Procedure
E1384	Oxygen concentrator, high humidity system equiv. to 1952 cu. ft.	HCPCS	Procedure
E1385	Oxygen concentrator, high humidity system equiv. to over 1952 cu. ft.	HCPCS	Procedure
E1390	Oxygen concentrator, single delivery port, capable of delivering 85 percent or greater oxygen concentration at the prescribed flow rate	HCPCS	Procedure
E1391	Oxygen concentrator, dual delivery port, capable of delivering 85 percent or greater oxygen concentration at the prescribed flow rate, each	HCPCS	Procedure
E1392	Portable oxygen concentrator, rental	HCPCS	Procedure
E1399	Durable medical equipment, miscellaneous	HCPCS	Procedure
E1400	Oxygen concentrator, manufacturer specified maximum flow rate does not exceed two liters per minute, at 85 percent or greater concentration	HCPCS	Procedure
E1401	Oxygen concentrator, manufacturer specified maximum flow rate greater than two liters per minute, does not exceed three liters per minute, at 85 percent or greater concentration	HCPCS	Procedure
E1402	Oxygen concentrator, manufacturer specified maximum flow rate greater than three liters per minute, does not exceed four liters per minute, at 85 percent or greater concentration	HCPCS	Procedure
E1403	Oxygen concentrator, manufacturer specified maximum flow rate greater than four liters per minute, does not exceed five liters per minute, at 85 percent or greater concentration	HCPCS	Procedure
E1404	Oxygen concentrator, manufacturer specified maximum flow rate greater than five liters per minute, at 85 percent or greater concentration	HCPCS	Procedure
E1405	Oxygen and water vapor enriching system with heated delivery	HCPCS	Procedure
E1406	Oxygen and water vapor enriching system without heated delivery	HCPCS	Procedure
K0001	Standard wheelchair	HCPCS	Procedure
K0002	Standard hemi (low seat) wheelchair	HCPCS	Procedure
K0003	Lightweight wheelchair	HCPCS	Procedure
K0004	High strength, lightweight wheelchair	HCPCS	Procedure
K0005	Ultralightweight wheelchair	HCPCS	Procedure
K0006	Heavy-duty wheelchair	HCPCS	Procedure
K0007	Extra heavy-duty wheelchair	HCPCS	Procedure
K0008	Custom manual wheelchair/base	HCPCS	Procedure
K0009	Other manual wheelchair/base	HCPCS	Procedure
K0010	Standard-weight frame motorized/power wheelchair	HCPCS	Procedure
K0011	Standard-weight frame motorized/power wheelchair with programmable control parameters for speed adjustment, tremor dampening, acceleration control and braking	HCPCS	Procedure
K0012	Lightweight portable motorized/power wheelchair	HCPCS	Procedure

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Code	Description	Code Type	Code Category
K0013	Custom motorized/power wheelchair base	HCPCS	Procedure
K0014	Other motorized/power wheelchair base	HCPCS	Procedure
K0015	Detachable, nonadjustable height armrest, each	HCPCS	Procedure
K0016	Detachable, adjustable height armrest, complete assembly, each	HCPCS	Procedure
K0017	Detachable, adjustable height armrest, base, each	HCPCS	Procedure
K0018	Detachable, adjustable height armrest, upper portion, replacement only, each	HCPCS	Procedure
K0019	Arm pad, each	HCPCS	Procedure
K0020	Fixed, adjustable height armrest, pair	HCPCS	Procedure
K0021	Anti-tipping device, each	HCPCS	Procedure
K0022	Reinforced back upholstery	HCPCS	Procedure
K0023	Solid back insert, planar back, single density foam, attached with straps	HCPCS	Procedure
K0024	Solid back insert, planar back, single density foam, with adjustable hook-on hardware	HCPCS	Procedure
K0025	Hook-on headrest extension	HCPCS	Procedure
K0026	Back upholstery for ultralightweight or high-strength lightweight wheelchair	HCPCS	Procedure
K0027	Back upholstery for wheelchair type other than ultralightweight or high-strength lightweight wheelchair	HCPCS	Procedure
K0028	Manual, fully reclining back	HCPCS	Procedure
K0029	Reinforced seat upholstery	HCPCS	Procedure
K0030	Solid seat insert, planar seat, single density foam	HCPCS	Procedure
K0031	Safety belt/pelvic strap, each	HCPCS	Procedure
K0032	Seat upholstery for ultralightweight or high-strength lightweight wheelchair	HCPCS	Procedure
K0033	Seat upholstery for wheelchair type other than ultralightweight or high-strength lightweight wheelchair	HCPCS	Procedure
K0034	Heel loop,each	HCPCS	Procedure
K0035	Heel loop with ankle strap, each	HCPCS	Procedure
K0036	Toe loop, each	HCPCS	Procedure
K0037	High mount flip-up footrest, each	HCPCS	Procedure
K0038	Leg strap, each	HCPCS	Procedure
K0039	Leg strap, H style, each	HCPCS	Procedure
K0040	Adjustable angle footplate, each	HCPCS	Procedure
K0041	Large size footplate, each	HCPCS	Procedure
K0042	Standard size footplate, each	HCPCS	Procedure
K0043	Footrest, lower extension tube, replacement only, each	HCPCS	Procedure
K0044	Footrest, upper hanger bracket, each	HCPCS	Procedure
K0045	Footrest, complete assembly, replacement only, each	HCPCS	Procedure
K0046	Elevating legrest, lower extension tube, replacement only, each	HCPCS	Procedure
K0047	Elevating legrest, upper hanger bracket, replacement only, each	HCPCS	Procedure
K0048	Elevating legrest, complete assembly	HCPCS	Procedure
K0049	Calf pad, each	HCPCS	Procedure
K0050	Ratchet assembly, replacement only	HCPCS	Procedure
K0051	Cam release assembly, footrest or legrest, replacement only, each	HCPCS	Procedure
K0052	Swingaway, detachable footrests, replacement only, each	HCPCS	Procedure
K0053	Elevating footrests, articulating (telescoping), each	HCPCS	Procedure

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Code	Description	Code Type	Code Category
K0054	Seat width of 10, 11, 12, 15, 17, or 20 inches for a high-strength, lightweight or ultralightweight wheelchair	HCPCS	Procedure
K0055	Seat depth of 15, 17, or 18 inches for a high strength, lightweight or ultralightweight wheelchair	HCPCS	Procedure
K0056	Seat height less than 17 in or equal to or greater than 21 in for a high-strength, lightweight, or ultralightweight wheelchair	HCPCS	Procedure
K0057	Seat width 19 or 20 inches for heavy duty or extra heavy-duty chair	HCPCS	Procedure
K0058	Seat depth 17 or 18 inches for a motorized/power wheelchair	HCPCS	Procedure
K0059	Plastic coated handrim, each	HCPCS	Procedure
K0060	Steel handrim, each	HCPCS	Procedure
K0061	Aluminum handrim, each	HCPCS	Procedure
K0062	Handrim with 8 to 10 vertical or oblique projections, each	HCPCS	Procedure
K0063	Handrim with 12 to 16 vertical or oblique projections, each	HCPCS	Procedure
K0064	Zero pressure tube (flat free insert), any size, each	HCPCS	Procedure
K0065	Spoke protectors, each	HCPCS	Procedure
K0066	Solid tire, any size, each	HCPCS	Procedure
K0067	Pneumatic tire, any size, each	HCPCS	Procedure
K0068	Pneumatic tire tube, each	HCPCS	Procedure
K0069	Rear wheel assembly, complete, with solid tire, spokes or molded, replacement only, each	HCPCS	Procedure
K0070	Rear wheel assembly, complete, with pneumatic tire, spokes or molded, replacement only, each	HCPCS	Procedure
K0071	Front caster assembly, complete, with pneumatic tire, replacement only, each	HCPCS	Procedure
K0072	Front caster assembly, complete, with semipneumatic tire, each	HCPCS	Procedure
K0073	Caster pin lock, each	HCPCS	Procedure
K0074	Pneumatic caster tire, any size, each	HCPCS	Procedure
K0075	Semipneumatic caster tire, any size, each	HCPCS	Procedure
K0076	Solid caster tire, any size, each	HCPCS	Procedure
K0077	Front caster assembly, complete, with solid tire, each	HCPCS	Procedure
K0078	Pneumatic caster tire tube, each	HCPCS	Procedure
K0079	Wheel lock extension, pair	HCPCS	Procedure
K0080	Antirollback device, pair	HCPCS	Procedure
K0081	Wheel lock assembly, complete, each	HCPCS	Procedure
K0082	22 NF non-sealed lead acid battery, each	HCPCS	Procedure
K0083	22 NF sealed lead acid battery, each (e.g., gel cell, absorbed glass mat)	HCPCS	Procedure
K0084	Group 24 non-sealed lead acid battery, each	HCPCS	Procedure
K0085	Group 24 sealed lead acid battery, each (e.g., gel cell, absorbed glass mat)	HCPCS	Procedure
K0086	U-1 non-sealed lead acid battery, each	HCPCS	Procedure
K0087	U-1 sealed lead acid battery, each (e.g., gel cell, absorbed glass mat)	HCPCS	Procedure
K0088	Battery charger, single mode, for use with only one battery type, sealed or non-	HCPCS	Procedure
K0089	Battery charger, dual mode, for use with either battery type, sealed or non-sealed	HCPCS	Procedure
K0090	Rear wheel tire for power wheelchair, any size, each	HCPCS	Procedure
K0091	Rear wheel tire tube other than zero pressure for power wheelchair, any size, each	HCPCS	Procedure

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Code	Description	Code Type	Code Category
K0092	Rear wheel assembly for power wheelchair, complete, each	HCPCS	Procedure
K0093	Rear wheel zero pressure tire tube (flat free insert) for power wheelchair, any size, each	HCPCS	Procedure
K0094	Wheel tire for power base, any size, each	HCPCS	Procedure
K0095	Wheel tire tube other than zero pressure for each base, any size, each	HCPCS	Procedure
K0096	Wheel assembly for power base, complete, each	HCPCS	Procedure
K0097	Wheel zero-pressure tire tube (flat free insert) for power base, any size, each	HCPCS	Procedure
K0098	Drive belt for power wheelchair, replacement only	HCPCS	Procedure
K0099	Front caster for power wheelchair, each	HCPCS	Procedure
K0100	Wheelchair adapter for amputee, pair	HCPCS	Procedure
K0101	One-arm drive attachment, each	HCPCS	Procedure
K0102	Crutch and cane holder, each	HCPCS	Procedure
K0103	Transfer board, less than 25 inches	HCPCS	Procedure
K0104	Cylinder tank carrier, each	HCPCS	Procedure
K0105	IV hanger, each	HCPCS	Procedure
K0106	Arm trough, each	HCPCS	Procedure
K0107	Wheelchair tray	HCPCS	Procedure
K0108	Wheelchair component or accessory, not otherwise specified	HCPCS	Procedure
K0109	Customization of wheelchair base frame (option or accessory)	HCPCS	Procedure
K0112	Trunk support device, vest type, with inner frame, prefabricated	HCPCS	Procedure
K0113	Trunk support device, vest type, without inner frame, prefabricated	HCPCS	Procedure
K0114	Back support system for use with a wheelchair, with inner frame, prefabricated	HCPCS	Procedure
K0115	Seating system, back module, posterior-lateral control, with or without lateral supports, custom fabricated for attachment to wheelchair base	HCPCS	Procedure
K0116	Seating system, combined back and seat module, custom fabricated for attachment to wheelchair base	HCPCS	Procedure
K0168	Administration set, small volume nonfiltered pneumatic nebulizer, disposable	HCPCS	Procedure
K0169	Small volume nonfiltered pneumatic nebulizer, disposable	HCPCS	Procedure
K0170	Administration set, small volume nonfiltered pneumatic nebulizer, non-disposable	HCPCS	Procedure
K0171	Administration set, small volume filtered pneumatic nebulizer	HCPCS	Procedure
K0172	Large volume nebulizer, disposable, unfilled, used with aerosol compressor	HCPCS	Procedure
K0173	Large volume nebulizer, disposable, prefilled, used with aerosol compressor	HCPCS	Procedure
K0174	Reservoir bottle, non-disposable, used with large volume ultrasonic nebulizer	HCPCS	Procedure
K0175	Corrugated tubing, disposable, used with large volume nebulizer, 100 feet	HCPCS	Procedure
K0176	Corrugated tubing, non-disposable, used with large volume nebulizer, 100 feet	HCPCS	Procedure
K0177	Water collection device, used with large volume nebulizer	HCPCS	Procedure
K0178	Filter, disposable, used with aerosol compressor	HCPCS	Procedure
K0179	Filter, non-disposable, used with aerosol compressor or ultrasonic generator	HCPCS	Procedure
K0180	Aerosol mask, used with DME nebulizer	HCPCS	Procedure
K0181	Dome and mouthpiece, used with small volume ultrasonic nebulizer	HCPCS	Procedure
K0182	Water, distilled, used with large volume nebulizer, 1000 ml	HCPCS	Procedure
K0183	Nasal application device used with positive airway pressure device	HCPCS	Procedure

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Code	Description	Code Type	Code Category
K0184	Nasal single piece interface, replacement for nasal application device, pair or single piece interface	HCPCS	Procedure
K0185	Headgear used with positive airway pressure device	HCPCS	Procedure
K0186	Chin strap used with positive airway pressure device	HCPCS	Procedure
K0187	Tubing used with positive airway pressure device	HCPCS	Procedure
K0188	Filter, disposable, used with positive airway pressure device	HCPCS	Procedure
K0189	Filter, non disposable, used with positive airway pressure device	HCPCS	Procedure
K0190	Canister, disposable, used with suction pump	HCPCS	Procedure
K0191	Canister, non-disposable, used with suction pump	HCPCS	Procedure
K0192	Tubing, used with suction pump	HCPCS	Procedure
K0193	Continuous positive airway pressure (CPAP) device, with humidifier	HCPCS	Procedure
K0194	Intermittent assist device with continuous positive airway pressure (CPAP), with humidifier	HCPCS	Procedure
K0195	Elevating legrests, pair (for use with capped rental wheelchair base)	HCPCS	Procedure
K0268	Humidifier, nonheated, used with positive airway pressure device	HCPCS	Procedure
K0269	Aerosol compressor, adjustable pressure, light duty for intermittent use	HCPCS	Procedure
K0270	Ultrasonic generator with small volume ultrasonic nebulizer	HCPCS	Procedure
K0277	Skin barrier; solid 4 x 4 or equivalent, with built-in convexity, each	HCPCS	Procedure
K0278	Skin barrier; with flange (solid, flexible or accordion) with built-in convexity, any size, each	HCPCS	Procedure
K0279	Skin barrier; with flange (solid, flexible or accordion) extended wear, with built-in convexity, any size, each	HCPCS	Procedure
K0280	Extension drainage tubing, any type, any length, with connector/adaptor, for use with urinary leg bag or urostomy pouch, each	HCPCS	Procedure
K0281	Lubricant, individual sterile packet, for insertion of urinary catheter, each	HCPCS	Procedure
K0283	Saline solution, per 10 ml, metered dose dispenser, for use with inhalation drugs	HCPCS	Procedure
K0284	External infusion pump, mechanical, reusable, for extended drug infusion	HCPCS	Procedure
K0400	Adhesive skin support attachment for use with external breast prosthesis, each	HCPCS	Procedure
K0401	For diabetics only, deluxe feature of off-the-shelf depth inlay shoe or custom molded shoe, per shoe	HCPCS	Procedure
K0407	Urinary catheter anchoring device, adhesive skin attachment	HCPCS	Procedure
K0408	Urinary catheter anchoring device, leg strap	HCPCS	Procedure
K0409	Sterile water irrigation solution, 1000 ml	HCPCS	Procedure
K0410	Male external catheter, with adhesive coating, each	HCPCS	Procedure
K0411	Male external catheter, with adhesive strip, each	HCPCS	Procedure
K0417	External infusion pump, mechanical, reusable, for short term drug infusion	HCPCS	Procedure
K0419	Pouch, drainable, with faceplate attached, plastic, each	HCPCS	Procedure
K0420	Pouch, drainable, with faceplate attached, rubber, each	HCPCS	Procedure
K0421	Pouch, drainable, for use on faceplate, plastic, each	HCPCS	Procedure
K0422	Pouch, drainable, for use on faceplate, rubber, each	HCPCS	Procedure
K0423	Pouch, urinary, with faceplate attached, plastic, each	HCPCS	Procedure
K0424	Pouch, urinary, with faceplate attached, rubber, each	HCPCS	Procedure
K0425	Pouch, urinary, for use on faceplate, plastic, each	HCPCS	Procedure

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Code	Description	Code Type	Code Category
K0426	Pouch, urinary, for use on faceplate, heavy plastic, each	HCPCS	Procedure
K0427	Pouch, urinary, for use on faceplate, rubber, each	HCPCS	Procedure
K0428	Ostomy faceplate equivalent, silicone ring, each	HCPCS	Procedure
K0429	Skin barrier, solid 4x4 or equivalent, extended wear, without built-in convexity, each	HCPCS	Procedure
K0430	Skin barrier, with flange (solid, flexible or accordion), extended wear, without built-in convexity, any size, each	HCPCS	Procedure
K0431	Pouch, closed, with standard wear barrier attached, with built-in convexity (1 piece), each	HCPCS	Procedure
K0432	Pouch, drainable, with extended wear barrier attached, without built-in convexity (1 piece), each	HCPCS	Procedure
K0433	Pouch, drainable, with standard wear barrier attached, with built-in convexity (1 piece), each	HCPCS	Procedure
K0434	Pouch, drainable, with extended wear barrier attached, with built-in convexity (1 piece), each	HCPCS	Procedure
K0435	Pouch, urinary, with extended wear barrier attached, without built-in convexity (1 piece), each	HCPCS	Procedure
K0436	Pouch, urinary, with standard wear barrier attached, with built-in convexity (1 piece), each	HCPCS	Procedure
K0437	Pouch, urinary, with extended wear barrier attached, with built-in convexity (1 piece), each	HCPCS	Procedure
K0438	Ostomy deodorant for use in ostomy pouch, liquid, per fluid ounce	HCPCS	Procedure
K0439	Ostomy deodorant for use in ostomy pouch, solid, per tablet	HCPCS	Procedure
K0440	Nasal prosthesis, provided by a non-physician	HCPCS	Procedure
K0441	Midfacial prosthesis, provided by a non-physician	HCPCS	Procedure
K0442	Orbital prosthesis, provided by a non-physician	HCPCS	Procedure
K0443	Upper facial prosthesis, provided by a non-physician	HCPCS	Procedure
K0444	Hemi-facial prosthesis, provided by a non-physician	HCPCS	Procedure
K0445	Auricular prosthesis, provided by a non-physician	HCPCS	Procedure
K0446	Partial facial prosthesis, provided by a non-physician	HCPCS	Procedure
K0447	Nasal septal prosthesis, provided by a non-physician	HCPCS	Procedure
K0448	Unspecified maxillofacial prosthesis, by report, provided by a non-physician	HCPCS	Procedure
K0449	Repair or modification of maxillofacial prosthesis, labor component, 15 minute increments, provided by a non-physician	HCPCS	Procedure
K0450	Adhesive liquid, for use with facial prosthesis only, per ounce	HCPCS	Procedure
K0451	Adhesive remover, wipes, for use with facial prosthesis, per box of 50	HCPCS	Procedure
K0452	Wheelchair bearings, any type	HCPCS	Procedure
K0456	Hospital bed, heavy duty, extra wide, with any type side rails, with mattress	HCPCS	Procedure
K0457	Extra wide/heavy duty commode chair, each	HCPCS	Procedure
K0458	Heavy duty walker, without wheels, each	HCPCS	Procedure
K0459	Heavy duty wheeled walker, each	HCPCS	Procedure
K0460	Power add-on, to convert manual wheelchair to motorized wheelchair, joystick control	HCPCS	Procedure
K0461	Power add-on, to convert manual wheelchair to power operated vehicle, tiller	HCPCS	Procedure

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

Code	Description	Code Type	Code Category
K0462	Temporary replacement for patient-owned equipment being repaired, any type	HCPCS	Procedure
K0669	Wheelchair accessory, wheelchair seat or back cushion, does not meet specific code criteria or no written coding verification from DME PDAC	HCPCS	Procedure
Epstein Barr Disease			
B27.00	Gammaherpesviral mononucleosis without complication	ICD-10-CM	Diagnosis
B27.01	Gammaherpesviral mononucleosis with polyneuropathy	ICD-10-CM	Diagnosis
B27.02	Gammaherpesviral mononucleosis with meningitis	ICD-10-CM	Diagnosis
B27.09	Gammaherpesviral mononucleosis with other complications	ICD-10-CM	Diagnosis
Fecal Occult Blood Test			
82270	BLD OCCULT; FECES 1-3 SIMULTANEOUS DETERM	CPT-4	Procedure
82272	Blood, occult, by peroxidase activity (eg, guaiac), qualitative, feces, 1-3 simultaneous determinations, performed for other than colorectal neoplasm screening	CPT-4	Procedure
82273	Blood, occult; other sources, qualitative	CPT-4	Procedure
82274	Blood, occult, by fecal hemoglobin determination by immunoassay, qualitative, feces, 1-3 simultaneous determinations	CPT-4	Procedure
Influenza			
J09.X1	Influenza due to identified novel influenza A virus with pneumonia	ICD-10-CM	Diagnosis
J09.X2	Influenza due to identified novel influenza A virus with other respiratory manifestations	ICD-10-CM	Diagnosis
J09.X3	Influenza due to identified novel influenza A virus with gastrointestinal manifestations	ICD-10-CM	Diagnosis
J09.X9	Influenza due to identified novel influenza A virus with other manifestations	ICD-10-CM	Diagnosis
J10.00	Influenza due to other identified influenza virus with unspecified type of pneumonia	ICD-10-CM	Diagnosis
J10.01	Influenza due to other identified influenza virus with the same other identified influenza virus pneumonia	ICD-10-CM	Diagnosis
J10.08	Influenza due to other identified influenza virus with other specified pneumonia	ICD-10-CM	Diagnosis
J10.1	Influenza due to other identified influenza virus with other respiratory manifestations	ICD-10-CM	Diagnosis
J10.2	Influenza due to other identified influenza virus with gastrointestinal manifestations	ICD-10-CM	Diagnosis
J10.81	Influenza due to other identified influenza virus with encephalopathy	ICD-10-CM	Diagnosis
J10.82	Influenza due to other identified influenza virus with myocarditis	ICD-10-CM	Diagnosis
J10.83	Influenza due to other identified influenza virus with otitis media	ICD-10-CM	Diagnosis
J10.89	Influenza due to other identified influenza virus with other manifestations	ICD-10-CM	Diagnosis
J11.00	Influenza due to unidentified influenza virus with unspecified type of pneumonia	ICD-10-CM	Diagnosis
J11.08	Influenza due to unidentified influenza virus with specified pneumonia	ICD-10-CM	Diagnosis
J11.1	Influenza due to unidentified influenza virus with other respiratory manifestations	ICD-10-CM	Diagnosis
J11.2	Influenza due to unidentified influenza virus with gastrointestinal manifestations	ICD-10-CM	Diagnosis
J11.81	Influenza due to unidentified influenza virus with encephalopathy	ICD-10-CM	Diagnosis
J11.82	Influenza due to unidentified influenza virus with myocarditis	ICD-10-CM	Diagnosis
J11.83	Influenza due to unidentified influenza virus with otitis media	ICD-10-CM	Diagnosis
J11.89	Influenza due to unidentified influenza virus with other manifestations	ICD-10-CM	Diagnosis
Fluid and Electrolyte Disorder			
E86.0	Dehydration	ICD-10-CM	Diagnosis
E86.1	Hypovolemia	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
E86.9	Volume depletion, unspecified	ICD-10-CM	Diagnosis
E87.0	Hyperosmolality and hyponatremia	ICD-10-CM	Diagnosis
E87.1	Hypo-osmolality and hyponatremia	ICD-10-CM	Diagnosis
E87.2	Acidosis	ICD-10-CM	Diagnosis
E87.3	Alkalosis	ICD-10-CM	Diagnosis
E87.4	Mixed disorder of acid-base balance	ICD-10-CM	Diagnosis
E87.5	Hyperkalemia	ICD-10-CM	Diagnosis
E87.6	Hypokalemia	ICD-10-CM	Diagnosis
E87.70	Fluid overload, unspecified	ICD-10-CM	Diagnosis
E87.71	Transfusion associated circulatory overload	ICD-10-CM	Diagnosis
E87.79	Other fluid overload	ICD-10-CM	Diagnosis
E87.8	Other disorders of electrolyte and fluid balance, not elsewhere classified	ICD-10-CM	Diagnosis
E87.20	Acidosis, unspecified	ICD-10-CM	Diagnosis
E87.21	Acute metabolic acidosis	ICD-10-CM	Diagnosis
E87.22	Chronic metabolic acidosis	ICD-10-CM	Diagnosis
E87.29	Other acidosis	ICD-10-CM	Diagnosis
Gallstones			
K80.00	Calculus of gallbladder with acute cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.01	Calculus of gallbladder with acute cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.10	Calculus of gallbladder with chronic cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.11	Calculus of gallbladder with chronic cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.12	Calculus of gallbladder with acute and chronic cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.13	Calculus of gallbladder with acute and chronic cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.18	Calculus of gallbladder with other cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.19	Calculus of gallbladder with other cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.20	Calculus of gallbladder without cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.21	Calculus of gallbladder without cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.30	Calculus of bile duct with cholangitis, unspecified, without obstruction	ICD-10-CM	Diagnosis
K80.31	Calculus of bile duct with cholangitis, unspecified, with obstruction	ICD-10-CM	Diagnosis
K80.32	Calculus of bile duct with acute cholangitis without obstruction	ICD-10-CM	Diagnosis
K80.33	Calculus of bile duct with acute cholangitis with obstruction	ICD-10-CM	Diagnosis
K80.34	Calculus of bile duct with chronic cholangitis without obstruction	ICD-10-CM	Diagnosis
K80.35	Calculus of bile duct with chronic cholangitis with obstruction	ICD-10-CM	Diagnosis
K80.36	Calculus of bile duct with acute and chronic cholangitis without obstruction	ICD-10-CM	Diagnosis
K80.37	Calculus of bile duct with acute and chronic cholangitis with obstruction	ICD-10-CM	Diagnosis
K80.40	Calculus of bile duct with cholecystitis, unspecified, without obstruction	ICD-10-CM	Diagnosis
K80.41	Calculus of bile duct with cholecystitis, unspecified, with obstruction	ICD-10-CM	Diagnosis
K80.42	Calculus of bile duct with acute cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.43	Calculus of bile duct with acute cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.44	Calculus of bile duct with chronic cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.45	Calculus of bile duct with chronic cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.46	Calculus of bile duct with acute and chronic cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.47	Calculus of bile duct with acute and chronic cholecystitis with obstruction	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
K80.50	Calculus of bile duct without cholangitis or cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.51	Calculus of bile duct without cholangitis or cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.60	Calculus of gallbladder and bile duct with cholecystitis, unspecified, without obstruction	ICD-10-CM	Diagnosis
K80.61	Calculus of gallbladder and bile duct with cholecystitis, unspecified, with obstruction	ICD-10-CM	Diagnosis
K80.62	Calculus of gallbladder and bile duct with acute cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.63	Calculus of gallbladder and bile duct with acute cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.64	Calculus of gallbladder and bile duct with chronic cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.65	Calculus of gallbladder and bile duct with chronic cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.66	Calculus of gallbladder and bile duct with acute and chronic cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.67	Calculus of gallbladder and bile duct with acute and chronic cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.70	Calculus of gallbladder and bile duct without cholecystitis without obstruction	ICD-10-CM	Diagnosis
K80.71	Calculus of gallbladder and bile duct without cholecystitis with obstruction	ICD-10-CM	Diagnosis
K80.80	Other cholelithiasis without obstruction	ICD-10-CM	Diagnosis
K80.81	Other cholelithiasis with obstruction	ICD-10-CM	Diagnosis
Glaucoma			
H40.011	Open angle with borderline findings, low risk, right eye	ICD-10-CM	Diagnosis
H40.012	Open angle with borderline findings, low risk, left eye	ICD-10-CM	Diagnosis
H40.013	Open angle with borderline findings, low risk, bilateral	ICD-10-CM	Diagnosis
H40.019	Open angle with borderline findings, low risk, unspecified eye	ICD-10-CM	Diagnosis
H40.021	Open angle with borderline findings, high risk, right eye	ICD-10-CM	Diagnosis
H40.022	Open angle with borderline findings, high risk, left eye	ICD-10-CM	Diagnosis
H40.023	Open angle with borderline findings, high risk, bilateral	ICD-10-CM	Diagnosis
H40.029	Open angle with borderline findings, high risk, unspecified eye	ICD-10-CM	Diagnosis
H40.041	Steroid responder, right eye	ICD-10-CM	Diagnosis
H40.042	Steroid responder, left eye	ICD-10-CM	Diagnosis
H40.043	Steroid responder, bilateral	ICD-10-CM	Diagnosis
H40.049	Steroid responder, unspecified eye	ICD-10-CM	Diagnosis
H40.051	Ocular hypertension, right eye	ICD-10-CM	Diagnosis
H40.052	Ocular hypertension, left eye	ICD-10-CM	Diagnosis
H40.053	Ocular hypertension, bilateral	ICD-10-CM	Diagnosis
H40.059	Ocular hypertension, unspecified eye	ICD-10-CM	Diagnosis
H40.10X0	Unspecified open-angle glaucoma, stage unspecified	ICD-10-CM	Diagnosis
H40.10X1	Unspecified open-angle glaucoma, mild stage	ICD-10-CM	Diagnosis
H40.10X2	Unspecified open-angle glaucoma, moderate stage	ICD-10-CM	Diagnosis
H40.10X3	Unspecified open-angle glaucoma, severe stage	ICD-10-CM	Diagnosis
H40.10X4	Unspecified open-angle glaucoma, indeterminate stage	ICD-10-CM	Diagnosis
H40.1110	Primary open-angle glaucoma, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1111	Primary open-angle glaucoma, right eye, mild stage	ICD-10-CM	Diagnosis
H40.1112	Primary open-angle glaucoma, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.1113	Primary open-angle glaucoma, right eye, severe stage	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
H40.1114	Primary open-angle glaucoma, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1120	Primary open-angle glaucoma, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1121	Primary open-angle glaucoma, left eye, mild stage	ICD-10-CM	Diagnosis
H40.1122	Primary open-angle glaucoma, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.1123	Primary open-angle glaucoma, left eye, severe stage	ICD-10-CM	Diagnosis
H40.1124	Primary open-angle glaucoma, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1130	Primary open-angle glaucoma, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.1131	Primary open-angle glaucoma, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.1132	Primary open-angle glaucoma, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.1133	Primary open-angle glaucoma, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.1134	Primary open-angle glaucoma, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.1190	Primary open-angle glaucoma, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1191	Primary open-angle glaucoma, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.1192	Primary open-angle glaucoma, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.1193	Primary open-angle glaucoma, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.1194	Primary open-angle glaucoma, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.11X0	Primary open-angle glaucoma, stage unspecified	ICD-10-CM	Diagnosis
H40.11X1	Primary open-angle glaucoma, mild stage	ICD-10-CM	Diagnosis
H40.11X2	Primary open-angle glaucoma, moderate stage	ICD-10-CM	Diagnosis
H40.11X3	Primary open-angle glaucoma, severe stage	ICD-10-CM	Diagnosis
H40.11X4	Primary open-angle glaucoma, indeterminate stage	ICD-10-CM	Diagnosis
H40.1210	Low-tension glaucoma, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1211	Low-tension glaucoma, right eye, mild stage	ICD-10-CM	Diagnosis
H40.1212	Low-tension glaucoma, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.1213	Low-tension glaucoma, right eye, severe stage	ICD-10-CM	Diagnosis
H40.1214	Low-tension glaucoma, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1220	Low-tension glaucoma, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1221	Low-tension glaucoma, left eye, mild stage	ICD-10-CM	Diagnosis
H40.1222	Low-tension glaucoma, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.1223	Low-tension glaucoma, left eye, severe stage	ICD-10-CM	Diagnosis
H40.1224	Low-tension glaucoma, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1230	Low-tension glaucoma, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.1231	Low-tension glaucoma, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.1232	Low-tension glaucoma, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.1233	Low-tension glaucoma, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.1234	Low-tension glaucoma, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.1290	Low-tension glaucoma, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1291	Low-tension glaucoma, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.1292	Low-tension glaucoma, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.1293	Low-tension glaucoma, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.1294	Low-tension glaucoma, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1310	Pigmentary glaucoma, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1311	Pigmentary glaucoma, right eye, mild stage	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
H40.1312	Pigmentary glaucoma, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.1313	Pigmentary glaucoma, right eye, severe stage	ICD-10-CM	Diagnosis
H40.1314	Pigmentary glaucoma, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1320	Pigmentary glaucoma, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1321	Pigmentary glaucoma, left eye, mild stage	ICD-10-CM	Diagnosis
H40.1322	Pigmentary glaucoma, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.1323	Pigmentary glaucoma, left eye, severe stage	ICD-10-CM	Diagnosis
H40.1324	Pigmentary glaucoma, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1330	Pigmentary glaucoma, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.1331	Pigmentary glaucoma, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.1332	Pigmentary glaucoma, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.1333	Pigmentary glaucoma, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.1334	Pigmentary glaucoma, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.1390	Pigmentary glaucoma, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1391	Pigmentary glaucoma, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.1392	Pigmentary glaucoma, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.1393	Pigmentary glaucoma, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.1394	Pigmentary glaucoma, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1410	Capsular glaucoma with pseudoexfoliation of lens, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1411	Capsular glaucoma with pseudoexfoliation of lens, right eye, mild stage	ICD-10-CM	Diagnosis
H40.1412	Capsular glaucoma with pseudoexfoliation of lens, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.1413	Capsular glaucoma with pseudoexfoliation of lens, right eye, severe stage	ICD-10-CM	Diagnosis
H40.1414	Capsular glaucoma with pseudoexfoliation of lens, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1420	Capsular glaucoma with pseudoexfoliation of lens, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1421	Capsular glaucoma with pseudoexfoliation of lens, left eye, mild stage	ICD-10-CM	Diagnosis
H40.1422	Capsular glaucoma with pseudoexfoliation of lens, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.1423	Capsular glaucoma with pseudoexfoliation of lens, left eye, severe stage	ICD-10-CM	Diagnosis
H40.1424	Capsular glaucoma with pseudoexfoliation of lens, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1430	Capsular glaucoma with pseudoexfoliation of lens, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.1431	Capsular glaucoma with pseudoexfoliation of lens, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.1432	Capsular glaucoma with pseudoexfoliation of lens, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.1433	Capsular glaucoma with pseudoexfoliation of lens, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.1434	Capsular glaucoma with pseudoexfoliation of lens, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.1490	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1491	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.1492	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.1493	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.1494	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.151	Residual stage of open-angle glaucoma, right eye	ICD-10-CM	Diagnosis
H40.152	Residual stage of open-angle glaucoma, left eye	ICD-10-CM	Diagnosis
H40.153	Residual stage of open-angle glaucoma, bilateral	ICD-10-CM	Diagnosis
H40.159	Residual stage of open-angle glaucoma, unspecified eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
H40.20X0	Unspecified primary angle-closure glaucoma, stage unspecified	ICD-10-CM	Diagnosis
H40.20X1	Unspecified primary angle-closure glaucoma, mild stage	ICD-10-CM	Diagnosis
H40.20X2	Unspecified primary angle-closure glaucoma, moderate stage	ICD-10-CM	Diagnosis
H40.20X3	Unspecified primary angle-closure glaucoma, severe stage	ICD-10-CM	Diagnosis
H40.20X4	Unspecified primary angle-closure glaucoma, indeterminate stage	ICD-10-CM	Diagnosis
H40.211	Acute angle-closure glaucoma, right eye	ICD-10-CM	Diagnosis
H40.212	Acute angle-closure glaucoma, left eye	ICD-10-CM	Diagnosis
H40.213	Acute angle-closure glaucoma, bilateral	ICD-10-CM	Diagnosis
H40.219	Acute angle-closure glaucoma, unspecified eye	ICD-10-CM	Diagnosis
H40.2210	Chronic angle-closure glaucoma, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.2211	Chronic angle-closure glaucoma, right eye, mild stage	ICD-10-CM	Diagnosis
H40.2212	Chronic angle-closure glaucoma, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.2213	Chronic angle-closure glaucoma, right eye, severe stage	ICD-10-CM	Diagnosis
H40.2214	Chronic angle-closure glaucoma, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.2220	Chronic angle-closure glaucoma, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.2221	Chronic angle-closure glaucoma, left eye, mild stage	ICD-10-CM	Diagnosis
H40.2222	Chronic angle-closure glaucoma, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.2223	Chronic angle-closure glaucoma, left eye, severe stage	ICD-10-CM	Diagnosis
H40.2224	Chronic angle-closure glaucoma, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.2230	Chronic angle-closure glaucoma, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.2231	Chronic angle-closure glaucoma, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.2232	Chronic angle-closure glaucoma, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.2233	Chronic angle-closure glaucoma, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.2234	Chronic angle-closure glaucoma, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.2290	Chronic angle-closure glaucoma, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.2291	Chronic angle-closure glaucoma, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.2292	Chronic angle-closure glaucoma, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.2293	Chronic angle-closure glaucoma, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.2294	Chronic angle-closure glaucoma, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.231	Intermittent angle-closure glaucoma, right eye	ICD-10-CM	Diagnosis
H40.232	Intermittent angle-closure glaucoma, left eye	ICD-10-CM	Diagnosis
H40.233	Intermittent angle-closure glaucoma, bilateral	ICD-10-CM	Diagnosis
H40.239	Intermittent angle-closure glaucoma, unspecified eye	ICD-10-CM	Diagnosis
H40.241	Residual stage of angle-closure glaucoma, right eye	ICD-10-CM	Diagnosis
H40.242	Residual stage of angle-closure glaucoma, left eye	ICD-10-CM	Diagnosis
H40.243	Residual stage of angle-closure glaucoma, bilateral	ICD-10-CM	Diagnosis
H40.249	Residual stage of angle-closure glaucoma, unspecified eye	ICD-10-CM	Diagnosis
H40.30X0	Glaucoma secondary to eye trauma, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.30X1	Glaucoma secondary to eye trauma, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.30X2	Glaucoma secondary to eye trauma, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.30X3	Glaucoma secondary to eye trauma, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.30X4	Glaucoma secondary to eye trauma, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.31X0	Glaucoma secondary to eye trauma, right eye, stage unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
H40.31X1	Glaucoma secondary to eye trauma, right eye, mild stage	ICD-10-CM	Diagnosis
H40.31X2	Glaucoma secondary to eye trauma, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.31X3	Glaucoma secondary to eye trauma, right eye, severe stage	ICD-10-CM	Diagnosis
H40.31X4	Glaucoma secondary to eye trauma, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.32X0	Glaucoma secondary to eye trauma, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.32X1	Glaucoma secondary to eye trauma, left eye, mild stage	ICD-10-CM	Diagnosis
H40.32X2	Glaucoma secondary to eye trauma, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.32X3	Glaucoma secondary to eye trauma, left eye, severe stage	ICD-10-CM	Diagnosis
H40.32X4	Glaucoma secondary to eye trauma, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.33X0	Glaucoma secondary to eye trauma, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.33X1	Glaucoma secondary to eye trauma, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.33X2	Glaucoma secondary to eye trauma, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.33X3	Glaucoma secondary to eye trauma, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.33X4	Glaucoma secondary to eye trauma, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.40X0	Glaucoma secondary to eye inflammation, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.40X1	Glaucoma secondary to eye inflammation, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.40X2	Glaucoma secondary to eye inflammation, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.40X3	Glaucoma secondary to eye inflammation, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.40X4	Glaucoma secondary to eye inflammation, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.41X0	Glaucoma secondary to eye inflammation, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.41X1	Glaucoma secondary to eye inflammation, right eye, mild stage	ICD-10-CM	Diagnosis
H40.41X2	Glaucoma secondary to eye inflammation, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.41X3	Glaucoma secondary to eye inflammation, right eye, severe stage	ICD-10-CM	Diagnosis
H40.41X4	Glaucoma secondary to eye inflammation, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.42X0	Glaucoma secondary to eye inflammation, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.42X1	Glaucoma secondary to eye inflammation, left eye, mild stage	ICD-10-CM	Diagnosis
H40.42X2	Glaucoma secondary to eye inflammation, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.42X3	Glaucoma secondary to eye inflammation, left eye, severe stage	ICD-10-CM	Diagnosis
H40.42X4	Glaucoma secondary to eye inflammation, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.43X0	Glaucoma secondary to eye inflammation, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.43X1	Glaucoma secondary to eye inflammation, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.43X2	Glaucoma secondary to eye inflammation, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.43X3	Glaucoma secondary to eye inflammation, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.43X4	Glaucoma secondary to eye inflammation, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.50X0	Glaucoma secondary to other eye disorders, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.50X1	Glaucoma secondary to other eye disorders, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.50X2	Glaucoma secondary to other eye disorders, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.50X3	Glaucoma secondary to other eye disorders, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.50X4	Glaucoma secondary to other eye disorders, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.51X0	Glaucoma secondary to other eye disorders, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.51X1	Glaucoma secondary to other eye disorders, right eye, mild stage	ICD-10-CM	Diagnosis
H40.51X2	Glaucoma secondary to other eye disorders, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.51X3	Glaucoma secondary to other eye disorders, right eye, severe stage	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
H40.51X4	Glaucoma secondary to other eye disorders, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.52X0	Glaucoma secondary to other eye disorders, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.52X1	Glaucoma secondary to other eye disorders, left eye, mild stage	ICD-10-CM	Diagnosis
H40.52X2	Glaucoma secondary to other eye disorders, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.52X3	Glaucoma secondary to other eye disorders, left eye, severe stage	ICD-10-CM	Diagnosis
H40.52X4	Glaucoma secondary to other eye disorders, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.53X0	Glaucoma secondary to other eye disorders, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.53X1	Glaucoma secondary to other eye disorders, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.53X2	Glaucoma secondary to other eye disorders, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.53X3	Glaucoma secondary to other eye disorders, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.53X4	Glaucoma secondary to other eye disorders, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.60X0	Glaucoma secondary to drugs, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.60X1	Glaucoma secondary to drugs, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.60X2	Glaucoma secondary to drugs, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.60X3	Glaucoma secondary to drugs, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.60X4	Glaucoma secondary to drugs, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.61X0	Glaucoma secondary to drugs, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.61X1	Glaucoma secondary to drugs, right eye, mild stage	ICD-10-CM	Diagnosis
H40.61X2	Glaucoma secondary to drugs, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.61X3	Glaucoma secondary to drugs, right eye, severe stage	ICD-10-CM	Diagnosis
H40.61X4	Glaucoma secondary to drugs, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.62X0	Glaucoma secondary to drugs, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.62X1	Glaucoma secondary to drugs, left eye, mild stage	ICD-10-CM	Diagnosis
H40.62X2	Glaucoma secondary to drugs, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.62X3	Glaucoma secondary to drugs, left eye, severe stage	ICD-10-CM	Diagnosis
H40.62X4	Glaucoma secondary to drugs, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.63X0	Glaucoma secondary to drugs, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.63X1	Glaucoma secondary to drugs, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.63X2	Glaucoma secondary to drugs, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.63X3	Glaucoma secondary to drugs, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.63X4	Glaucoma secondary to drugs, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.811	Glaucoma with increased episcleral venous pressure, right eye	ICD-10-CM	Diagnosis
H40.812	Glaucoma with increased episcleral venous pressure, left eye	ICD-10-CM	Diagnosis
H40.813	Glaucoma with increased episcleral venous pressure, bilateral	ICD-10-CM	Diagnosis
H40.819	Glaucoma with increased episcleral venous pressure, unspecified eye	ICD-10-CM	Diagnosis
H40.821	Hypersecretion glaucoma, right eye	ICD-10-CM	Diagnosis
H40.822	Hypersecretion glaucoma, left eye	ICD-10-CM	Diagnosis
H40.823	Hypersecretion glaucoma, bilateral	ICD-10-CM	Diagnosis
H40.829	Hypersecretion glaucoma, unspecified eye	ICD-10-CM	Diagnosis
H40.831	Aqueous misdirection, right eye	ICD-10-CM	Diagnosis
H40.832	Aqueous misdirection, left eye	ICD-10-CM	Diagnosis
H40.833	Aqueous misdirection, bilateral	ICD-10-CM	Diagnosis
H40.839	Aqueous misdirection, unspecified eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
H40.89	Other specified glaucoma	ICD-10-CM	Diagnosis
H40.9	Unspecified glaucoma	ICD-10-CM	Diagnosis
H42	Glaucoma in diseases classified elsewhere	ICD-10-CM	Diagnosis
H44.511	Absolute glaucoma, right eye	ICD-10-CM	Diagnosis
H44.512	Absolute glaucoma, left eye	ICD-10-CM	Diagnosis
H44.513	Absolute glaucoma, bilateral	ICD-10-CM	Diagnosis
H44.519	Absolute glaucoma, unspecified eye	ICD-10-CM	Diagnosis
H47.231	Glaucomatous optic atrophy, right eye	ICD-10-CM	Diagnosis
H47.232	Glaucomatous optic atrophy, left eye	ICD-10-CM	Diagnosis
H47.233	Glaucomatous optic atrophy, bilateral	ICD-10-CM	Diagnosis
H47.239	Glaucomatous optic atrophy, unspecified eye	ICD-10-CM	Diagnosis
Q15.0	Congenital glaucoma	ICD-10-CM	Diagnosis
Graves Disease			
E05.00	Thyrotoxicosis with diffuse goiter without thyrotoxic crisis or storm	ICD-10-CM	Diagnosis
E05.01	Thyrotoxicosis with diffuse goiter with thyrotoxic crisis or storm	ICD-10-CM	Diagnosis
Hashimoto's Thyroiditis			
E06.3	Autoimmune thyroiditis	ICD-10-CM	Diagnosis
Hemiplegia			
G04.1	Tropical spastic paraplegia	ICD-10-CM	Diagnosis
G81.00	Flaccid hemiplegia affecting unspecified side	ICD-10-CM	Diagnosis
G81.01	Flaccid hemiplegia affecting right dominant side	ICD-10-CM	Diagnosis
G81.02	Flaccid hemiplegia affecting left dominant side	ICD-10-CM	Diagnosis
G81.03	Flaccid hemiplegia affecting right nondominant side	ICD-10-CM	Diagnosis
G81.04	Flaccid hemiplegia affecting left nondominant side	ICD-10-CM	Diagnosis
G81.10	Spastic hemiplegia affecting unspecified side	ICD-10-CM	Diagnosis
G81.11	Spastic hemiplegia affecting right dominant side	ICD-10-CM	Diagnosis
G81.12	Spastic hemiplegia affecting left dominant side	ICD-10-CM	Diagnosis
G81.13	Spastic hemiplegia affecting right nondominant side	ICD-10-CM	Diagnosis
G81.14	Spastic hemiplegia affecting left nondominant side	ICD-10-CM	Diagnosis
G81.90	Hemiplegia, unspecified affecting unspecified side	ICD-10-CM	Diagnosis
G81.91	Hemiplegia, unspecified affecting right dominant side	ICD-10-CM	Diagnosis
G81.92	Hemiplegia, unspecified affecting left dominant side	ICD-10-CM	Diagnosis
G81.93	Hemiplegia, unspecified affecting right nondominant side	ICD-10-CM	Diagnosis
G81.94	Hemiplegia, unspecified affecting left nondominant side	ICD-10-CM	Diagnosis
G82.20	Paraplegia, unspecified	ICD-10-CM	Diagnosis
G82.21	Paraplegia, complete	ICD-10-CM	Diagnosis
G82.22	Paraplegia, incomplete	ICD-10-CM	Diagnosis
G82.50	Quadriplegia, unspecified	ICD-10-CM	Diagnosis
G82.51	Quadriplegia, C1-C4 complete	ICD-10-CM	Diagnosis
G82.52	Quadriplegia, C1-C4 incomplete	ICD-10-CM	Diagnosis
G82.53	Quadriplegia, C5-C7 complete	ICD-10-CM	Diagnosis
G82.54	Quadriplegia, C5-C7 incomplete	ICD-10-CM	Diagnosis
G83.0	Diplegia of upper limbs	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
G83.10	Monoplegia of lower limb affecting unspecified side	ICD-10-CM	Diagnosis
G83.11	Monoplegia of lower limb affecting right dominant side	ICD-10-CM	Diagnosis
G83.12	Monoplegia of lower limb affecting left dominant side	ICD-10-CM	Diagnosis
G83.13	Monoplegia of lower limb affecting right nondominant side	ICD-10-CM	Diagnosis
G83.14	Monoplegia of lower limb affecting left nondominant side	ICD-10-CM	Diagnosis
G83.20	Monoplegia of upper limb affecting unspecified side	ICD-10-CM	Diagnosis
G83.21	Monoplegia of upper limb affecting right dominant side	ICD-10-CM	Diagnosis
G83.22	Monoplegia of upper limb affecting left dominant side	ICD-10-CM	Diagnosis
G83.23	Monoplegia of upper limb affecting right nondominant side	ICD-10-CM	Diagnosis
G83.24	Monoplegia of upper limb affecting left nondominant side	ICD-10-CM	Diagnosis
G83.30	Monoplegia, unspecified affecting unspecified side	ICD-10-CM	Diagnosis
G83.31	Monoplegia, unspecified affecting right dominant side	ICD-10-CM	Diagnosis
G83.32	Monoplegia, unspecified affecting left dominant side	ICD-10-CM	Diagnosis
G83.33	Monoplegia, unspecified affecting right nondominant side	ICD-10-CM	Diagnosis
G83.34	Monoplegia, unspecified affecting left nondominant side	ICD-10-CM	Diagnosis
G83.4	Cauda equina syndrome	ICD-10-CM	Diagnosis
G83.5	Locked-in state	ICD-10-CM	Diagnosis
G83.81	Brown-Sequard syndrome	ICD-10-CM	Diagnosis
G83.82	Anterior cord syndrome	ICD-10-CM	Diagnosis
G83.83	Posterior cord syndrome	ICD-10-CM	Diagnosis
G83.84	Todd's paralysis (postepileptic)	ICD-10-CM	Diagnosis
G83.89	Other specified paralytic syndromes	ICD-10-CM	Diagnosis
G83.9	Paralytic syndrome, unspecified	ICD-10-CM	Diagnosis
Hemolytic Uremic Syndrome			
D59.3	Hemolytic-uremic syndrome	ICD-10-CM	Diagnosis
Herpes			
A60.00	Herpesviral infection of urogenital system, unspecified	ICD-10-CM	Diagnosis
A60.01	Herpesviral infection of penis	ICD-10-CM	Diagnosis
A60.02	Herpesviral infection of other male genital organs	ICD-10-CM	Diagnosis
A60.03	Herpesviral cervicitis	ICD-10-CM	Diagnosis
A60.04	Herpesviral vulvovaginitis	ICD-10-CM	Diagnosis
A60.09	Herpesviral infection of other urogenital tract	ICD-10-CM	Diagnosis
A60.1	Herpesviral infection of perianal skin and rectum	ICD-10-CM	Diagnosis
A60.9	Anogenital herpesviral infection, unspecified	ICD-10-CM	Diagnosis
B00.0	Eczema herpeticum	ICD-10-CM	Diagnosis
B00.1	Herpesviral vesicular dermatitis	ICD-10-CM	Diagnosis
B00.2	Herpesviral gingivostomatitis and pharyngotonsillitis	ICD-10-CM	Diagnosis
B00.3	Herpesviral meningitis	ICD-10-CM	Diagnosis
B00.4	Herpesviral encephalitis	ICD-10-CM	Diagnosis
B00.50	Herpesviral ocular disease, unspecified	ICD-10-CM	Diagnosis
B00.51	Herpesviral iridocyclitis	ICD-10-CM	Diagnosis
B00.52	Herpesviral keratitis	ICD-10-CM	Diagnosis
B00.53	Herpesviral conjunctivitis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
B00.59	Other herpesviral disease of eye	ICD-10-CM	Diagnosis
B00.7	Disseminated herpesviral disease	ICD-10-CM	Diagnosis
B00.81	Herpesviral hepatitis	ICD-10-CM	Diagnosis
B00.82	Herpes simplex myelitis	ICD-10-CM	Diagnosis
B00.89	Other herpesviral infection	ICD-10-CM	Diagnosis
B00.9	Herpesviral infection, unspecified	ICD-10-CM	Diagnosis
B02.0	Zoster encephalitis	ICD-10-CM	Diagnosis
B02.1	Zoster meningitis	ICD-10-CM	Diagnosis
B02.21	Postherpetic geniculate ganglionitis	ICD-10-CM	Diagnosis
B02.22	Postherpetic trigeminal neuralgia	ICD-10-CM	Diagnosis
B02.23	Postherpetic polyneuropathy	ICD-10-CM	Diagnosis
B02.24	Postherpetic myelitis	ICD-10-CM	Diagnosis
B02.29	Other postherpetic nervous system involvement	ICD-10-CM	Diagnosis
B02.30	Zoster ocular disease, unspecified	ICD-10-CM	Diagnosis
B02.31	Zoster conjunctivitis	ICD-10-CM	Diagnosis
B02.32	Zoster iridocyclitis	ICD-10-CM	Diagnosis
B02.33	Zoster keratitis	ICD-10-CM	Diagnosis
B02.34	Zoster scleritis	ICD-10-CM	Diagnosis
B02.39	Other herpes zoster eye disease	ICD-10-CM	Diagnosis
B02.7	Disseminated zoster	ICD-10-CM	Diagnosis
B02.8	Zoster with other complications	ICD-10-CM	Diagnosis
B02.9	Zoster without complications	ICD-10-CM	Diagnosis
B10.01	Human herpesvirus 6 encephalitis	ICD-10-CM	Diagnosis
B10.09	Other human herpesvirus encephalitis	ICD-10-CM	Diagnosis
Histoplasmosis			
B39.0	Acute pulmonary histoplasmosis capsulati	ICD-10-CM	Diagnosis
B39.1	Chronic pulmonary histoplasmosis capsulati	ICD-10-CM	Diagnosis
B39.2	Pulmonary histoplasmosis capsulati, unspecified	ICD-10-CM	Diagnosis
B39.3	Disseminated histoplasmosis capsulati	ICD-10-CM	Diagnosis
B39.4	Histoplasmosis capsulati, unspecified	ICD-10-CM	Diagnosis
B39.5	Histoplasmosis duboisii	ICD-10-CM	Diagnosis
B39.9	Histoplasmosis, unspecified	ICD-10-CM	Diagnosis
Human Immunodeficiency Virus (HIV) and Acquired Immunodeficiency Syndrome (AIDS)			
B97.35	Human immunodeficiency virus, type 2 [HIV 2] as the cause of diseases classified elsewhere	ICD-10-CM	Diagnosis
B20	Human immunodeficiency virus [HIV] disease	ICD-10-CM	Diagnosis
Z21	Asymptomatic human immunodeficiency virus [HIV] infection status	ICD-10-CM	Diagnosis
Human Papillomavirus (HPV) DNA Test			
87621	Infectious agent detection by nucleic acid (DNA or RNA); papillomavirus, human, amplified probe technique	HCPCS	Procedure
Hyperparathyroidism			
E21.0	Primary hyperparathyroidism	ICD-10-CM	Diagnosis
E21.1	Secondary hyperparathyroidism, not elsewhere classified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E21.2	Other hyperparathyroidism	ICD-10-CM	Diagnosis
E21.3	Hyperparathyroidism, unspecified	ICD-10-CM	Diagnosis
Inflammatory Bowel Disease			
K50.00	Crohn's disease of small intestine without complications	ICD-10-CM	Diagnosis
K50.011	Crohn's disease of small intestine with rectal bleeding	ICD-10-CM	Diagnosis
K50.012	Crohn's disease of small intestine with intestinal obstruction	ICD-10-CM	Diagnosis
K50.013	Crohn's disease of small intestine with fistula	ICD-10-CM	Diagnosis
K50.014	Crohn's disease of small intestine with abscess	ICD-10-CM	Diagnosis
K50.018	Crohn's disease of small intestine with other complication	ICD-10-CM	Diagnosis
K50.019	Crohn's disease of small intestine with unspecified complications	ICD-10-CM	Diagnosis
K50.10	Crohn's disease of large intestine without complications	ICD-10-CM	Diagnosis
K50.111	Crohn's disease of large intestine with rectal bleeding	ICD-10-CM	Diagnosis
K50.112	Crohn's disease of large intestine with intestinal obstruction	ICD-10-CM	Diagnosis
K50.113	Crohn's disease of large intestine with fistula	ICD-10-CM	Diagnosis
K50.114	Crohn's disease of large intestine with abscess	ICD-10-CM	Diagnosis
K50.118	Crohn's disease of large intestine with other complication	ICD-10-CM	Diagnosis
K50.119	Crohn's disease of large intestine with unspecified complications	ICD-10-CM	Diagnosis
K50.80	Crohn's disease of both small and large intestine without complications	ICD-10-CM	Diagnosis
K50.811	Crohn's disease of both small and large intestine with rectal bleeding	ICD-10-CM	Diagnosis
K50.812	Crohn's disease of both small and large intestine with intestinal obstruction	ICD-10-CM	Diagnosis
K50.813	Crohn's disease of both small and large intestine with fistula	ICD-10-CM	Diagnosis
K50.814	Crohn's disease of both small and large intestine with abscess	ICD-10-CM	Diagnosis
K50.818	Crohn's disease of both small and large intestine with other complication	ICD-10-CM	Diagnosis
K50.819	Crohn's disease of both small and large intestine with unspecified complications	ICD-10-CM	Diagnosis
K50.90	Crohn's disease, unspecified, without complications	ICD-10-CM	Diagnosis
K50.911	Crohn's disease, unspecified, with rectal bleeding	ICD-10-CM	Diagnosis
K50.912	Crohn's disease, unspecified, with intestinal obstruction	ICD-10-CM	Diagnosis
K50.913	Crohn's disease, unspecified, with fistula	ICD-10-CM	Diagnosis
K50.914	Crohn's disease, unspecified, with abscess	ICD-10-CM	Diagnosis
K50.918	Crohn's disease, unspecified, with other complication	ICD-10-CM	Diagnosis
K50.919	Crohn's disease, unspecified, with unspecified complications	ICD-10-CM	Diagnosis
K51.00	Ulcerative (chronic) pancolitis without complications	ICD-10-CM	Diagnosis
K51.011	Ulcerative (chronic) pancolitis with rectal bleeding	ICD-10-CM	Diagnosis
K51.012	Ulcerative (chronic) pancolitis with intestinal obstruction	ICD-10-CM	Diagnosis
K51.013	Ulcerative (chronic) pancolitis with fistula	ICD-10-CM	Diagnosis
K51.014	Ulcerative (chronic) pancolitis with abscess	ICD-10-CM	Diagnosis
K51.018	Ulcerative (chronic) pancolitis with other complication	ICD-10-CM	Diagnosis
K51.019	Ulcerative (chronic) pancolitis with unspecified complications	ICD-10-CM	Diagnosis
K51.20	Ulcerative (chronic) proctitis without complications	ICD-10-CM	Diagnosis
K51.211	Ulcerative (chronic) proctitis with rectal bleeding	ICD-10-CM	Diagnosis
K51.212	Ulcerative (chronic) proctitis with intestinal obstruction	ICD-10-CM	Diagnosis
K51.213	Ulcerative (chronic) proctitis with fistula	ICD-10-CM	Diagnosis
K51.214	Ulcerative (chronic) proctitis with abscess	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
K51.218	Ulcerative (chronic) proctitis with other complication	ICD-10-CM	Diagnosis
K51.219	Ulcerative (chronic) proctitis with unspecified complications	ICD-10-CM	Diagnosis
K51.30	Ulcerative (chronic) rectosigmoiditis without complications	ICD-10-CM	Diagnosis
K51.311	Ulcerative (chronic) rectosigmoiditis with rectal bleeding	ICD-10-CM	Diagnosis
K51.312	Ulcerative (chronic) rectosigmoiditis with intestinal obstruction	ICD-10-CM	Diagnosis
K51.313	Ulcerative (chronic) rectosigmoiditis with fistula	ICD-10-CM	Diagnosis
K51.314	Ulcerative (chronic) rectosigmoiditis with abscess	ICD-10-CM	Diagnosis
K51.318	Ulcerative (chronic) rectosigmoiditis with other complication	ICD-10-CM	Diagnosis
K51.319	Ulcerative (chronic) rectosigmoiditis with unspecified complications	ICD-10-CM	Diagnosis
K51.40	Inflammatory polyps of colon without complications	ICD-10-CM	Diagnosis
K51.411	Inflammatory polyps of colon with rectal bleeding	ICD-10-CM	Diagnosis
K51.412	Inflammatory polyps of colon with intestinal obstruction	ICD-10-CM	Diagnosis
K51.413	Inflammatory polyps of colon with fistula	ICD-10-CM	Diagnosis
K51.414	Inflammatory polyps of colon with abscess	ICD-10-CM	Diagnosis
K51.418	Inflammatory polyps of colon with other complication	ICD-10-CM	Diagnosis
K51.419	Inflammatory polyps of colon with unspecified complications	ICD-10-CM	Diagnosis
K51.50	Left sided colitis without complications	ICD-10-CM	Diagnosis
K51.511	Left sided colitis with rectal bleeding	ICD-10-CM	Diagnosis
K51.512	Left sided colitis with intestinal obstruction	ICD-10-CM	Diagnosis
K51.513	Left sided colitis with fistula	ICD-10-CM	Diagnosis
K51.514	Left sided colitis with abscess	ICD-10-CM	Diagnosis
K51.518	Left sided colitis with other complication	ICD-10-CM	Diagnosis
K51.519	Left sided colitis with unspecified complications	ICD-10-CM	Diagnosis
K51.80	Other ulcerative colitis without complications	ICD-10-CM	Diagnosis
K51.811	Other ulcerative colitis with rectal bleeding	ICD-10-CM	Diagnosis
K51.812	Other ulcerative colitis with intestinal obstruction	ICD-10-CM	Diagnosis
K51.813	Other ulcerative colitis with fistula	ICD-10-CM	Diagnosis
K51.814	Other ulcerative colitis with abscess	ICD-10-CM	Diagnosis
K51.818	Other ulcerative colitis with other complication	ICD-10-CM	Diagnosis
K51.819	Other ulcerative colitis with unspecified complications	ICD-10-CM	Diagnosis
K51.90	Ulcerative colitis, unspecified, without complications	ICD-10-CM	Diagnosis
K51.911	Ulcerative colitis, unspecified with rectal bleeding	ICD-10-CM	Diagnosis
K51.912	Ulcerative colitis, unspecified with intestinal obstruction	ICD-10-CM	Diagnosis
K51.913	Ulcerative colitis, unspecified with fistula	ICD-10-CM	Diagnosis
K51.914	Ulcerative colitis, unspecified with abscess	ICD-10-CM	Diagnosis
K51.918	Ulcerative colitis, unspecified with other complication	ICD-10-CM	Diagnosis
K51.919	Ulcerative colitis, unspecified with unspecified complications	ICD-10-CM	Diagnosis
K59.31	Toxic megacolon	ICD-10-CM	Diagnosis
Kawasaki Disease			
M30.3	Mucocutaneous lymph node syndrome [Kawasaki]	ICD-10-CM	Diagnosis
Liver Disease, Cirrhosis, and Other Liver Conditions			
K74.60	Unspecified cirrhosis of liver	ICD-10-CM	Diagnosis
K71.9	Toxic liver disease, unspecified	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
K71.8	Toxic liver disease with other disorders of liver	ICD-10-CM	Diagnosis
K71.11	Toxic liver disease with hepatic necrosis, with coma	ICD-10-CM	Diagnosis
K71.7	Toxic liver disease with fibrosis and cirrhosis of liver	ICD-10-CM	Diagnosis
K71.0	Toxic liver disease with cholestasis	ICD-10-CM	Diagnosis
K74.4	Secondary biliary cirrhosis	ICD-10-CM	Diagnosis
K74.3	Primary biliary cirrhosis	ICD-10-CM	Diagnosis
K76.6	Portal hypertension	ICD-10-CM	Diagnosis
K75.1	Phlebitis of portal vein	ICD-10-CM	Diagnosis
K75.89	Other specified inflammatory liver diseases	ICD-10-CM	Diagnosis
K76.89	Other specified diseases of liver	ICD-10-CM	Diagnosis
K74.69	Other cirrhosis of liver	ICD-10-CM	Diagnosis
K75.81	Nonalcoholic steatohepatitis (NASH)	ICD-10-CM	Diagnosis
Z94.4	Liver transplant status	ICD-10-CM	Diagnosis
K77	Liver disorders in diseases classified elsewhere	ICD-10-CM	Diagnosis
K76.9	Liver disease, unspecified	ICD-10-CM	Diagnosis
K75.9	Inflammatory liver disease, unspecified	ICD-10-CM	Diagnosis
K76.3	Infarction of liver	ICD-10-CM	Diagnosis
K76.7	Hepatorenal syndrome	ICD-10-CM	Diagnosis
K76.81	Hepatopulmonary syndrome	ICD-10-CM	Diagnosis
R16.0	Hepatomegaly, not elsewhere classified	ICD-10-CM	Diagnosis
R16.2	Hepatomegaly with splenomegaly, not elsewhere classified	ICD-10-CM	Diagnosis
K76.5	Hepatic veno-occlusive disease	ICD-10-CM	Diagnosis
K74.1	Hepatic sclerosis	ICD-10-CM	Diagnosis
K74.00	Hepatic fibrosis, unspecified	ICD-10-CM	Diagnosis
K74.01	Hepatic fibrosis, early fibrosis	ICD-10-CM	Diagnosis
K74.02	Hepatic fibrosis, advanced fibrosis	ICD-10-CM	Diagnosis
K74.2	Hepatic fibrosis with hepatic sclerosis	ICD-10-CM	Diagnosis
K74.0	Hepatic fibrosis	ICD-10-CM	Diagnosis
K72.90	Hepatic failure, unspecified without coma	ICD-10-CM	Diagnosis
K72.91	Hepatic failure, unspecified with coma	ICD-10-CM	Diagnosis
K76.0	Fatty (change of) liver, not elsewhere classified	ICD-10-CM	Diagnosis
Z48.23	Encounter for aftercare following liver transplant	ICD-10-CM	Diagnosis
K76.1	Chronic passive congestion of liver	ICD-10-CM	Diagnosis
K72.10	Chronic hepatic failure without coma	ICD-10-CM	Diagnosis
K72.11	Chronic hepatic failure with coma	ICD-10-CM	Diagnosis
K83.0	Cholangitis	ICD-10-CM	Diagnosis
K76.2	Central hemorrhagic necrosis of liver	ICD-10-CM	Diagnosis
K80.34	Calculus of bile duct with chronic cholangitis without obstruction	ICD-10-CM	Diagnosis
K80.35	Calculus of bile duct with chronic cholangitis with obstruction	ICD-10-CM	Diagnosis
K80.30	Calculus of bile duct with cholangitis, unspecified, without obstruction	ICD-10-CM	Diagnosis
K80.31	Calculus of bile duct with cholangitis, unspecified, with obstruction	ICD-10-CM	Diagnosis
K80.32	Calculus of bile duct with acute cholangitis without obstruction	ICD-10-CM	Diagnosis
K80.33	Calculus of bile duct with acute cholangitis with obstruction	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
K80.36	Calculus of bile duct with acute and chronic cholangitis without obstruction	ICD-10-CM	Diagnosis
K80.37	Calculus of bile duct with acute and chronic cholangitis with obstruction	ICD-10-CM	Diagnosis
K74.5	Biliary cirrhosis, unspecified	ICD-10-CM	Diagnosis
K70.9	Alcoholic liver disease, unspecified	ICD-10-CM	Diagnosis
K70.10	Alcoholic hepatitis without ascites	ICD-10-CM	Diagnosis
K70.11	Alcoholic hepatitis with ascites	ICD-10-CM	Diagnosis
K70.40	Alcoholic hepatic failure without coma	ICD-10-CM	Diagnosis
K70.41	Alcoholic hepatic failure with coma	ICD-10-CM	Diagnosis
K70.2	Alcoholic fibrosis and sclerosis of liver	ICD-10-CM	Diagnosis
K70.0	Alcoholic fatty liver	ICD-10-CM	Diagnosis
K70.30	Alcoholic cirrhosis of liver without ascites	ICD-10-CM	Diagnosis
K70.31	Alcoholic cirrhosis of liver with ascites	ICD-10-CM	Diagnosis
K72.00	Acute and subacute hepatic failure without coma	ICD-10-CM	Diagnosis
K72.01	Acute and subacute hepatic failure with coma	ICD-10-CM	Diagnosis
K75.0	Abscess of liver	ICD-10-CM	Diagnosis
K76.82	Hepatic encephalopathy	ICD-10-CM	Diagnosis
0W9F40Z	Drainage of Abdominal Wall with Drainage Device, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0W9F30Z	Drainage of Abdominal Wall with Drainage Device, Percutaneous Approach	ICD-10-PCS	Procedure
0W9F3ZZ	Drainage of Abdominal Wall, Percutaneous Approach	ICD-10-PCS	Procedure
0W9F4ZZ	Drainage of Abdominal Wall, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D9S40Z	Drainage of Greater Omentum with Drainage Device, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D9S30Z	Drainage of Greater Omentum with Drainage Device, Percutaneous Approach	ICD-10-PCS	Procedure
0D9S3ZZ	Drainage of Greater Omentum, Percutaneous Approach	ICD-10-PCS	Procedure
0D9S4ZZ	Drainage of Greater Omentum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D9T40Z	Drainage of Lesser Omentum with Drainage Device, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D9T30Z	Drainage of Lesser Omentum with Drainage Device, Percutaneous Approach	ICD-10-PCS	Procedure
0D9T4ZZ	Drainage of Lesser Omentum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D9V30Z	Drainage of Mesentery with Drainage Device, Percutaneous Approach	ICD-10-PCS	Procedure
0D9V40Z	Drainage of Mesentery with Drainage Device, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D9V4ZZ	Drainage of Mesentery, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D9T3ZZ	Drainage of Lesser Omentum, Percutaneous Approach	ICD-10-PCS	Procedure
0D9V3ZZ	Drainage of Mesentery, Percutaneous Approach	ICD-10-PCS	Procedure
0D9W3ZZ	Drainage of Peritoneum, Percutaneous Approach	ICD-10-PCS	Procedure
0W9J30Z	Drainage of Pelvic Cavity with Drainage Device, Percutaneous Approach	ICD-10-PCS	Procedure
0W9J3ZZ	Drainage of Pelvic Cavity, Percutaneous Approach	ICD-10-PCS	Procedure
0W9G40Z	Drainage of Peritoneal Cavity with Drainage Device, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0W9G30Z	Drainage of Peritoneal Cavity with Drainage Device, Percutaneous Approach	ICD-10-PCS	Procedure
0W9G3ZZ	Drainage of Peritoneal Cavity, Percutaneous Approach	ICD-10-PCS	Procedure
0W9G4ZZ	Drainage of Peritoneal Cavity, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
0D9W30Z	Drainage of Peritoneum with Drainage Device, Percutaneous Approach	ICD-10-PCS	Procedure
0D9W40Z	Drainage of Peritoneum with Drainage Device, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0D9W4ZZ	Drainage of Peritoneum, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0DL58DZ	Occlusion of Esophagus with Intraluminal Device, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0DL57DZ	Occlusion of Esophagus with Intraluminal Device, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
06L33ZZ	Occlusion of Esophageal Vein, Percutaneous Approach	ICD-10-PCS	Procedure
06L34ZZ	Occlusion of Esophageal Vein, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
06L24ZZ	Occlusion of Gastric Vein, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
06L30ZZ	Occlusion of Esophageal Vein, Open Approach	ICD-10-PCS	Procedure
06L20ZZ	Occlusion of Gastric Vein, Open Approach	ICD-10-PCS	Procedure
06L23ZZ	Occlusion of Gastric Vein, Percutaneous Approach	ICD-10-PCS	Procedure
Lupus			
M32.0	Drug-induced systemic lupus erythematosus	ICD-10-CM	Diagnosis
M32.10	Systemic lupus erythematosus, organ or system involvement unspecified	ICD-10-CM	Diagnosis
M32.11	Endocarditis in systemic lupus erythematosus	ICD-10-CM	Diagnosis
M32.12	Pericarditis in systemic lupus erythematosus	ICD-10-CM	Diagnosis
M32.13	Lung involvement in systemic lupus erythematosus	ICD-10-CM	Diagnosis
M32.14	Glomerular disease in systemic lupus erythematosus	ICD-10-CM	Diagnosis
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus	ICD-10-CM	Diagnosis
M32.19	Other organ or system involvement in systemic lupus erythematosus	ICD-10-CM	Diagnosis
M32.8	Other forms of systemic lupus erythematosus	ICD-10-CM	Diagnosis
M32.9	Systemic lupus erythematosus, unspecified	ICD-10-CM	Diagnosis
Metastatic Cancer			
C77.0	Secondary and unspecified malignant neoplasm of lymph nodes of head, face and neck	ICD-10-CM	Diagnosis
C77.1	Secondary and unspecified malignant neoplasm of intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C77.2	Secondary and unspecified malignant neoplasm of intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C77.3	Secondary and unspecified malignant neoplasm of axilla and upper limb lymph nodes	ICD-10-CM	Diagnosis
C77.4	Secondary and unspecified malignant neoplasm of inguinal and lower limb lymph nodes	ICD-10-CM	Diagnosis
C77.5	Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C77.8	Secondary and unspecified malignant neoplasm of lymph nodes of multiple regions	ICD-10-CM	Diagnosis
C77.9	Secondary and unspecified malignant neoplasm of lymph node, unspecified	ICD-10-CM	Diagnosis
C78.00	Secondary malignant neoplasm of unspecified lung	ICD-10-CM	Diagnosis
C78.01	Secondary malignant neoplasm of right lung	ICD-10-CM	Diagnosis
C78.02	Secondary malignant neoplasm of left lung	ICD-10-CM	Diagnosis
C78.1	Secondary malignant neoplasm of mediastinum	ICD-10-CM	Diagnosis
C78.2	Secondary malignant neoplasm of pleura	ICD-10-CM	Diagnosis
C78.30	Secondary malignant neoplasm of unspecified respiratory organ	ICD-10-CM	Diagnosis
C78.39	Secondary malignant neoplasm of other respiratory organs	ICD-10-CM	Diagnosis
C78.4	Secondary malignant neoplasm of small intestine	ICD-10-CM	Diagnosis
C78.5	Secondary malignant neoplasm of large intestine and rectum	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C78.6	Secondary malignant neoplasm of retroperitoneum and peritoneum	ICD-10-CM	Diagnosis
C78.7	Secondary malignant neoplasm of liver and intrahepatic bile duct	ICD-10-CM	Diagnosis
C78.80	Secondary malignant neoplasm of unspecified digestive organ	ICD-10-CM	Diagnosis
C78.89	Secondary malignant neoplasm of other digestive organs	ICD-10-CM	Diagnosis
C79.00	Secondary malignant neoplasm of unspecified kidney and renal pelvis	ICD-10-CM	Diagnosis
C79.01	Secondary malignant neoplasm of right kidney and renal pelvis	ICD-10-CM	Diagnosis
C79.02	Secondary malignant neoplasm of left kidney and renal pelvis	ICD-10-CM	Diagnosis
C79.10	Secondary malignant neoplasm of unspecified urinary organs	ICD-10-CM	Diagnosis
C79.11	Secondary malignant neoplasm of bladder	ICD-10-CM	Diagnosis
C79.19	Secondary malignant neoplasm of other urinary organs	ICD-10-CM	Diagnosis
C79.2	Secondary malignant neoplasm of skin	ICD-10-CM	Diagnosis
C79.31	Secondary malignant neoplasm of brain	ICD-10-CM	Diagnosis
C79.32	Secondary malignant neoplasm of cerebral meninges	ICD-10-CM	Diagnosis
C79.40	Secondary malignant neoplasm of unspecified part of nervous system	ICD-10-CM	Diagnosis
C79.49	Secondary malignant neoplasm of other parts of nervous system	ICD-10-CM	Diagnosis
C79.51	Secondary malignant neoplasm of bone	ICD-10-CM	Diagnosis
C79.52	Secondary malignant neoplasm of bone marrow	ICD-10-CM	Diagnosis
C79.60	Secondary malignant neoplasm of unspecified ovary	ICD-10-CM	Diagnosis
C79.61	Secondary malignant neoplasm of right ovary	ICD-10-CM	Diagnosis
C79.62	Secondary malignant neoplasm of left ovary	ICD-10-CM	Diagnosis
C79.70	Secondary malignant neoplasm of unspecified adrenal gland	ICD-10-CM	Diagnosis
C79.71	Secondary malignant neoplasm of right adrenal gland	ICD-10-CM	Diagnosis
C79.72	Secondary malignant neoplasm of left adrenal gland	ICD-10-CM	Diagnosis
C79.81	Secondary malignant neoplasm of breast	ICD-10-CM	Diagnosis
C79.82	Secondary malignant neoplasm of genital organs	ICD-10-CM	Diagnosis
C79.89	Secondary malignant neoplasm of other specified sites	ICD-10-CM	Diagnosis
C79.9	Secondary malignant neoplasm of unspecified site	ICD-10-CM	Diagnosis
C80.0	Disseminated malignant neoplasm, unspecified	ICD-10-CM	Diagnosis
C80.1	Malignant (primary) neoplasm, unspecified	ICD-10-CM	Diagnosis
C80.2	Malignant neoplasm associated with transplanted organ	ICD-10-CM	Diagnosis
C79.63	Secondary malignany neoplasm of bilateral ovaries	ICD-10-CM	Diagnosis
Migraine			
G43.001	Migraine without aura, not intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.009	Migraine without aura, not intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.011	Migraine without aura, intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.019	Migraine without aura, intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.101	Migraine with aura, not intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.109	Migraine with aura, not intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.111	Migraine with aura, intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.119	Migraine with aura, intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.401	Hemiplegic migraine, not intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.409	Hemiplegic migraine, not intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.411	Hemiplegic migraine, intractable, with status migrainosus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
G43.419	Hemiplegic migraine, intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.501	Persistent migraine aura without cerebral infarction, not intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.509	Persistent migraine aura without cerebral infarction, not intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.511	Persistent migraine aura without cerebral infarction, intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.519	Persistent migraine aura without cerebral infarction, intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.601	Persistent migraine aura with cerebral infarction, not intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.609	Persistent migraine aura with cerebral infarction, not intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.611	Persistent migraine aura with cerebral infarction, intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.619	Persistent migraine aura with cerebral infarction, intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.701	Chronic migraine without aura, not intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.709	Chronic migraine without aura, not intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.711	Chronic migraine without aura, intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.719	Chronic migraine without aura, intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.801	Other migraine, not intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.809	Other migraine, not intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.811	Other migraine, intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.819	Other migraine, intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.821	Menstrual migraine, not intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.829	Menstrual migraine, not intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.831	Menstrual migraine, intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.839	Menstrual migraine, intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.901	Migraine, unspecified, not intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.909	Migraine, unspecified, not intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.911	Migraine, unspecified, intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.919	Migraine, unspecified, intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.A0	Cyclical vomiting, in migraine, not intractable	ICD-10-CM	Diagnosis
G43.A1	Cyclical vomiting, in migraine, intractable	ICD-10-CM	Diagnosis
G43.B0	Ophthalmoplegic migraine, not intractable	ICD-10-CM	Diagnosis
G43.B1	Ophthalmoplegic migraine, intractable	ICD-10-CM	Diagnosis
G43.C0	Periodic headache syndromes in child or adult, not intractable	ICD-10-CM	Diagnosis
G43.C1	Periodic headache syndromes in child or adult, intractable	ICD-10-CM	Diagnosis
G43.D0	Abdominal migraine, not intractable	ICD-10-CM	Diagnosis
G43.D1	Abdominal migraine, intractable	ICD-10-CM	Diagnosis
G43.E01	Chronic migraine with aura, not intractable, with status migrainosus	ICD-10-CM	Diagnosis
G43.E09	Chronic migraine with aura, not intractable, without status migrainosus	ICD-10-CM	Diagnosis
G43.E11	Chronic migraine with aura, intractable, with status migrainosus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
G43.E19	Chronic migraine with aura, intractable, without status migrainosus	ICD-10-CM	Diagnosis
Multiple Sclerosis			
G35	Multiple sclerosis	ICD-10-CM	Diagnosis
Mumps			
B26.0	Mumps orchitis	ICD-10-CM	Diagnosis
B26.1	Mumps meningitis	ICD-10-CM	Diagnosis
B26.2	Mumps encephalitis	ICD-10-CM	Diagnosis
B26.3	Mumps pancreatitis	ICD-10-CM	Diagnosis
B26.81	Mumps hepatitis	ICD-10-CM	Diagnosis
B26.82	Mumps myocarditis	ICD-10-CM	Diagnosis
B26.83	Mumps nephritis	ICD-10-CM	Diagnosis
B26.84	Mumps polyneuropathy	ICD-10-CM	Diagnosis
B26.85	Mumps arthritis	ICD-10-CM	Diagnosis
B26.89	Other mumps complications	ICD-10-CM	Diagnosis
B26.9	Mumps without complication	ICD-10-CM	Diagnosis
Myasthenia Gravis			
G70.00	Myasthenia gravis without (acute) exacerbation	ICD-10-CM	Diagnosis
G70.01	Myasthenia gravis with (acute) exacerbation	ICD-10-CM	Diagnosis
Organ Transplant			
T86.00	Unspecified complication of bone marrow transplant	ICD-10-CM	Diagnosis
T86.01	Bone marrow transplant rejection	ICD-10-CM	Diagnosis
T86.02	Bone marrow transplant failure	ICD-10-CM	Diagnosis
T86.03	Bone marrow transplant infection	ICD-10-CM	Diagnosis
T86.09	Other complications of bone marrow transplant	ICD-10-CM	Diagnosis
T86.10	Unspecified complication of kidney transplant	ICD-10-CM	Diagnosis
T86.11	Kidney transplant rejection	ICD-10-CM	Diagnosis
T86.12	Kidney transplant failure	ICD-10-CM	Diagnosis
T86.13	Kidney transplant infection	ICD-10-CM	Diagnosis
T86.19	Other complication of kidney transplant	ICD-10-CM	Diagnosis
T86.20	Unspecified complication of heart transplant	ICD-10-CM	Diagnosis
T86.21	Heart transplant rejection	ICD-10-CM	Diagnosis
T86.22	Heart transplant failure	ICD-10-CM	Diagnosis
T86.23	Heart transplant infection	ICD-10-CM	Diagnosis
T86.290	Cardiac allograft vasculopathy	ICD-10-CM	Diagnosis
T86.298	Other complications of heart transplant	ICD-10-CM	Diagnosis
T86.30	Unspecified complication of heart-lung transplant	ICD-10-CM	Diagnosis
T86.31	Heart-lung transplant rejection	ICD-10-CM	Diagnosis
T86.32	Heart-lung transplant failure	ICD-10-CM	Diagnosis
T86.33	Heart-lung transplant infection	ICD-10-CM	Diagnosis
T86.39	Other complications of heart-lung transplant	ICD-10-CM	Diagnosis
T86.40	Unspecified complication of liver transplant	ICD-10-CM	Diagnosis
T86.41	Liver transplant rejection	ICD-10-CM	Diagnosis
T86.42	Liver transplant failure	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
T86.43	Liver transplant infection	ICD-10-CM	Diagnosis
T86.49	Other complications of liver transplant	ICD-10-CM	Diagnosis
T86.5	Complications of stem cell transplant	ICD-10-CM	Diagnosis
T86.810	Lung transplant rejection	ICD-10-CM	Diagnosis
T86.811	Lung transplant failure	ICD-10-CM	Diagnosis
T86.812	Lung transplant infection	ICD-10-CM	Diagnosis
T86.818	Other complications of lung transplant	ICD-10-CM	Diagnosis
T86.819	Unspecified complication of lung transplant	ICD-10-CM	Diagnosis
T86.830	Bone graft rejection	ICD-10-CM	Diagnosis
T86.831	Bone graft failure	ICD-10-CM	Diagnosis
T86.832	Bone graft infection	ICD-10-CM	Diagnosis
T86.838	Other complications of bone graft	ICD-10-CM	Diagnosis
T86.839	Unspecified complication of bone graft	ICD-10-CM	Diagnosis
T86.850	Intestine transplant rejection	ICD-10-CM	Diagnosis
T86.851	Intestine transplant failure	ICD-10-CM	Diagnosis
T86.852	Intestine transplant infection	ICD-10-CM	Diagnosis
T86.858	Other complications of intestine transplant	ICD-10-CM	Diagnosis
T86.859	Unspecified complication of intestine transplant	ICD-10-CM	Diagnosis
T86.890	Other transplanted tissue rejection	ICD-10-CM	Diagnosis
T86.891	Other transplanted tissue failure	ICD-10-CM	Diagnosis
T86.892	Other transplanted tissue infection	ICD-10-CM	Diagnosis
T86.898	Other complications of other transplanted tissue	ICD-10-CM	Diagnosis
T86.899	Unspecified complication of other transplanted tissue	ICD-10-CM	Diagnosis
T86.90	Unspecified complication of unspecified transplanted organ and tissue	ICD-10-CM	Diagnosis
T86.91	Unspecified transplanted organ and tissue rejection	ICD-10-CM	Diagnosis
T86.92	Unspecified transplanted organ and tissue failure	ICD-10-CM	Diagnosis
T86.93	Unspecified transplanted organ and tissue infection	ICD-10-CM	Diagnosis
T86.99	Other complications of unspecified transplanted organ and tissue	ICD-10-CM	Diagnosis
02YA0Z0	Transplantation of Heart, Allogeneic, Open Approach	ICD-10-PCS	Procedure
02YA0Z1	Transplantation of Heart, Syngeneic, Open Approach	ICD-10-PCS	Procedure
02YA0Z2	Transplantation of Heart, Zooplasic, Open Approach	ICD-10-PCS	Procedure
07YP0Z0	Transplantation of Spleen, Allogeneic, Open Approach	ICD-10-PCS	Procedure
07YP0Z1	Transplantation of Spleen, Syngeneic, Open Approach	ICD-10-PCS	Procedure
07YP0Z2	Transplantation of Spleen, Zooplasic, Open Approach	ICD-10-PCS	Procedure
0BYC0Z0	Transplantation of Right Upper Lung Lobe, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0BYC0Z1	Transplantation of Right Upper Lung Lobe, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0BYC0Z2	Transplantation of Right Upper Lung Lobe, Zooplasic, Open Approach	ICD-10-PCS	Procedure
0BYD0Z0	Transplantation of Right Middle Lung Lobe, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0BYD0Z1	Transplantation of Right Middle Lung Lobe, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0BYD0Z2	Transplantation of Right Middle Lung Lobe, Zooplasic, Open Approach	ICD-10-PCS	Procedure
0BYF0Z0	Transplantation of Right Lower Lung Lobe, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0BYF0Z1	Transplantation of Right Lower Lung Lobe, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0BYF0Z2	Transplantation of Right Lower Lung Lobe, Zooplasic, Open Approach	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
0BYG0Z0	Transplantation of Left Upper Lung Lobe, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0BYG0Z1	Transplantation of Left Upper Lung Lobe, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0BYG0Z2	Transplantation of Left Upper Lung Lobe, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0BYH0Z0	Transplantation of Lung Lingula, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0BYH0Z1	Transplantation of Lung Lingula, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0BYH0Z2	Transplantation of Lung Lingula, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0BYJ0Z0	Transplantation of Left Lower Lung Lobe, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0BYJ0Z1	Transplantation of Left Lower Lung Lobe, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0BYJ0Z2	Transplantation of Left Lower Lung Lobe, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0BYK0Z0	Transplantation of Right Lung, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0BYK0Z1	Transplantation of Right Lung, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0BYK0Z2	Transplantation of Right Lung, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0BYL0Z0	Transplantation of Left Lung, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0BYL0Z1	Transplantation of Left Lung, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0BYL0Z2	Transplantation of Left Lung, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0BYM0Z0	Transplantation of Bilateral Lungs, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0BYM0Z1	Transplantation of Bilateral Lungs, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0BYM0Z2	Transplantation of Bilateral Lungs, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0DY80Z0	Transplantation of Small Intestine, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0DY80Z1	Transplantation of Small Intestine, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0DY80Z2	Transplantation of Small Intestine, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0DYE0Z0	Transplantation of Large Intestine, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0DYE0Z1	Transplantation of Large Intestine, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0DYE0Z2	Transplantation of Large Intestine, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0FSG0ZZ	Reposition Pancreas, Open Approach	ICD-10-PCS	Procedure
0FSG4ZZ	Reposition Pancreas, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0FY00Z0	Transplantation of Liver, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0FY00Z1	Transplantation of Liver, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0FY00Z2	Transplantation of Liver, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0FYG0Z0	Transplantation of Pancreas, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0FYG0Z1	Transplantation of Pancreas, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0FYG0Z2	Transplantation of Pancreas, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0TS00ZZ	Reposition Right Kidney, Open Approach	ICD-10-PCS	Procedure
0TS10ZZ	Reposition Left Kidney, Open Approach	ICD-10-PCS	Procedure
0TY00Z0	Transplantation of Right Kidney, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0TY00Z1	Transplantation of Right Kidney, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0TY00Z2	Transplantation of Right Kidney, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0TY10Z0	Transplantation of Left Kidney, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0TY10Z1	Transplantation of Left Kidney, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0TY10Z2	Transplantation of Left Kidney, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0UY00Z0	Transplantation of Right Ovary, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0UY00Z1	Transplantation of Right Ovary, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0UY00Z2	Transplantation of Right Ovary, Zooplastic, Open Approach	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
0UY10Z0	Transplantation of Left Ovary, Allogeneic, Open Approach	ICD-10-PCS	Procedure
0UY10Z1	Transplantation of Left Ovary, Syngeneic, Open Approach	ICD-10-PCS	Procedure
0UY10Z2	Transplantation of Left Ovary, Zooplastic, Open Approach	ICD-10-PCS	Procedure
0VS90ZZ	Reposition Right Testis, Open Approach	ICD-10-PCS	Procedure
0VS93ZZ	Reposition Right Testis, Percutaneous Approach	ICD-10-PCS	Procedure
0VS94ZZ	Reposition Right Testis, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0VS98ZZ	Reposition Right Testis, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0VSB0ZZ	Reposition Left Testis, Open Approach	ICD-10-PCS	Procedure
0VSB3ZZ	Reposition Left Testis, Percutaneous Approach	ICD-10-PCS	Procedure
0VSB4ZZ	Reposition Left Testis, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0VSB8ZZ	Reposition Left Testis, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
0VSC0ZZ	Reposition Bilateral Testes, Open Approach	ICD-10-PCS	Procedure
0VSC3ZZ	Reposition Bilateral Testes, Percutaneous Approach	ICD-10-PCS	Procedure
0VSC4ZZ	Reposition Bilateral Testes, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
0VSC8ZZ	Reposition Bilateral Testes, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E030U0	Introduction of Autologous Pancreatic Islet Cells into Peripheral Vein, Open Approach	ICD-10-PCS	Procedure
3E030U1	Introduction of Nonautologous Pancreatic Islet Cells into Peripheral Vein, Open Approach	ICD-10-PCS	Procedure
3E03305	Introduction of Other Antineoplastic into Peripheral Vein, Percutaneous Approach	ICD-10-PCS	Procedure
3E033U0	Introduction of Autologous Pancreatic Islet Cells into Peripheral Vein, Percutaneous Approach	ICD-10-PCS	Procedure
3E033U1	Introduction of Nonautologous Pancreatic Islet Cells into Peripheral Vein, Percutaneous Approach	ICD-10-PCS	Procedure
3E0J3U0	Introduction of Autologous Pancreatic Islet Cells into Biliary and Pancreatic Tract, Percutaneous Approach	ICD-10-PCS	Procedure
3E0J3U1	Introduction of Nonautologous Pancreatic Islet Cells into Biliary and Pancreatic Tract, Percutaneous Approach	ICD-10-PCS	Procedure
3E0J7U0	Introduction of Autologous Pancreatic Islet Cells into Biliary and Pancreatic Tract, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0J7U1	Introduction of Nonautologous Pancreatic Islet Cells into Biliary and Pancreatic Tract, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0J8U0	Introduction of Autologous Pancreatic Islet Cells into Biliary and Pancreatic Tract, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0J8U1	Introduction of Nonautologous Pancreatic Islet Cells into Biliary and Pancreatic Tract, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
00580	Anesthesia for heart transplant or heart/lung transplant	CPT-4	Procedure
32850	Donor pneumonectomy(s) (including cold preservation), from cadaver donor	CPT-4	Procedure
32851	Lung transplant, single; without cardiopulmonary bypass	CPT-4	Procedure
32852	Lung transplant, single; with cardiopulmonary bypass	CPT-4	Procedure
32853	Lung transplant, double (bilateral sequential or en bloc); without cardiopulmonary bypass	CPT-4	Procedure
32854	Lung transplant, double (bilateral sequential or en bloc); with cardiopulmonary bypass	CPT-4	Procedure

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Code	Description	Code Type	Code Category
32855	Backbench standard preparation of cadaver donor lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare pulmonary venous/atrial cuff, pulmonary artery, and bronchus; unilateral	CPT-4	Procedure
32856	Backbench standard preparation of cadaver donor lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare pulmonary venous/atrial cuff, pulmonary artery, and bronchus; bilateral	CPT-4	Procedure
33933	Backbench standard preparation of cadaver donor heart/lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare aorta, superior vena cava, inferior vena cava, and trachea for implantation	CPT-4	Procedure
33945	Heart transplant, with or without recipient cardiectomy	CPT-4	Procedure
44132	Donor enterectomy (including cold preservation), open; from cadaver donor	CPT-4	Procedure
44133	Donor enterectomy (including cold preservation), open; partial, from living donor	CPT-4	Procedure
44135	Intestinal allotransplantation; from cadaver donor	CPT-4	Procedure
44136	Intestinal allotransplantation; from living donor	CPT-4	Procedure
44137	Removal of transplanted intestinal allograft, complete	CPT-4	Procedure
44715	Backbench standard preparation of cadaver or living donor intestine allograft prior to transplantation, including mobilization and fashioning of the superior mesenteric artery and vein	CPT-4	Procedure
44720	Backbench reconstruction of cadaver or living donor intestine allograft prior to transplantation; venous anastomosis, each	CPT-4	Procedure
44721	Backbench reconstruction of cadaver or living donor intestine allograft prior to transplantation; arterial anastomosis, each	CPT-4	Procedure
47135	Liver allotransplantation, orthotopic, partial or whole, from cadaver or living donor, any age	CPT-4	Procedure
47136	Liver allotransplantation; heterotopic, partial or whole, from cadaver or living donor, any age	CPT-4	Procedure
47143	Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; without trisegment or lobe split	CPT-4	Procedure
47144	Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; with trisegment split of whole liver graft into 2 partial liver grafts (ie, left lateral segment [segments II and III] and right trisegment [segments I and IV through VIII])	CPT-4	Procedure
47145	Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; with lobe split of whole liver graft into 2 partial liver grafts (ie, left lobe [segments II, III, and IV] and right lobe [segments I and V through VIII])	CPT-4	Procedure

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Code	Description	Code Type	Code Category
47146	Backbench reconstruction of cadaver or living donor liver graft prior to allotransplantation; venous anastomosis, each	CPT-4	Procedure
47147	Backbench reconstruction of cadaver or living donor liver graft prior to allotransplantation; arterial anastomosis, each	CPT-4	Procedure
48160	Pancreatectomy, total or subtotal, with autologous transplantation of pancreas or pancreatic islet cells	CPT-4	Procedure
48550	Donor pancreatectomy (including cold preservation), with or without duodenal segment for transplantation	CPT-4	Procedure
48551	Backbench standard preparation of cadaver donor pancreas allograft prior to transplantation, including dissection of allograft from surrounding soft tissues, splenectomy, duodenotomy, ligation of bile duct, ligation of mesenteric vessels, and Y-graft arterial anastomoses from iliac artery to superior mesenteric artery and to splenic artery	CPT-4	Procedure
48552	Backbench reconstruction of cadaver donor pancreas allograft prior to transplantation, venous anastomosis, each	CPT-4	Procedure
48554	Transplantation of pancreatic allograft	CPT-4	Procedure
48556	Removal of transplanted pancreatic allograft	CPT-4	Procedure
50300	Donor nephrectomy, with preparation and maintenance of allograft, from cadaver donor, unilateral or bilateral	CPT-4	Procedure
50320	Donor nephrectomy (including cold preservation); open, from living donor	CPT-4	Procedure
50323	Backbench standard preparation of cadaver donor renal allograft prior to transplantation, including dissection and removal of perinephric fat, diaphragmatic and retroperitoneal attachments, excision of adrenal gland, and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary	CPT-4	Procedure
50325	Backbench standard preparation of living donor renal allograft (open or laparoscopic) prior to transplantation, including dissection and removal of perinephric fat and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary	CPT-4	Procedure
50327	Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; venous anastomosis, each	CPT-4	Procedure
50328	Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; arterial anastomosis, each	CPT-4	Procedure
50329	Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; ureteral anastomosis, each	CPT-4	Procedure
50340	Recipient nephrectomy (separate procedure)	CPT-4	Procedure
50360	Renal allotransplantation, implantation of graft; excluding donor and recipient nephrectomy	CPT-4	Procedure
50365	Renal allotransplantation, implantation of graft; with recipient nephrectomy	CPT-4	Procedure
50370	Removal of transplanted renal allograft	CPT-4	Procedure
50380	RENAL AUTOTRANSPLANTATION REIMPLANTATION KIDNEY	CPT-4	Procedure
50547	Laparoscopy, surgical; donor nephrectomy (including cold preservation), from living donor	CPT-4	Procedure
54680	TRANSPL TESTIS TO THIGH	CPT-4	Procedure

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Code	Description	Code Type	Code Category
Parvovirus B19			
B34.3	Parvovirus infection, unspecified	ICD-10-CM	Diagnosis
Peripheral Vascular Disease			
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E09.51	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E09.52	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
I70.0	Atherosclerosis of aorta	ICD-10-CM	Diagnosis
I70.1	Atherosclerosis of renal artery	ICD-10-CM	Diagnosis
I70.201	Unspecified atherosclerosis of native arteries of extremities, right leg	ICD-10-CM	Diagnosis
I70.202	Unspecified atherosclerosis of native arteries of extremities, left leg	ICD-10-CM	Diagnosis
I70.203	Unspecified atherosclerosis of native arteries of extremities, bilateral legs	ICD-10-CM	Diagnosis
I70.208	Unspecified atherosclerosis of native arteries of extremities, other extremity	ICD-10-CM	Diagnosis
I70.209	Unspecified atherosclerosis of native arteries of extremities, unspecified extremity	ICD-10-CM	Diagnosis
I70.211	Atherosclerosis of native arteries of extremities with intermittent claudication, right leg	ICD-10-CM	Diagnosis
I70.212	Atherosclerosis of native arteries of extremities with intermittent claudication, left leg	ICD-10-CM	Diagnosis
I70.213	Atherosclerosis of native arteries of extremities with intermittent claudication, bilateral legs	ICD-10-CM	Diagnosis
I70.218	Atherosclerosis of native arteries of extremities with intermittent claudication, other extremity	ICD-10-CM	Diagnosis
I70.219	Atherosclerosis of native arteries of extremities with intermittent claudication, unspecified extremity	ICD-10-CM	Diagnosis
I70.221	Atherosclerosis of native arteries of extremities with rest pain, right leg	ICD-10-CM	Diagnosis
I70.222	Atherosclerosis of native arteries of extremities with rest pain, left leg	ICD-10-CM	Diagnosis
I70.223	Atherosclerosis of native arteries of extremities with rest pain, bilateral legs	ICD-10-CM	Diagnosis
I70.228	Atherosclerosis of native arteries of extremities with rest pain, other extremity	ICD-10-CM	Diagnosis
I70.229	Atherosclerosis of native arteries of extremities with rest pain, unspecified extremity	ICD-10-CM	Diagnosis
I70.231	Atherosclerosis of native arteries of right leg with ulceration of thigh	ICD-10-CM	Diagnosis
I70.232	Atherosclerosis of native arteries of right leg with ulceration of calf	ICD-10-CM	Diagnosis
I70.233	Atherosclerosis of native arteries of right leg with ulceration of ankle	ICD-10-CM	Diagnosis
I70.234	Atherosclerosis of native arteries of right leg with ulceration of heel and midfoot	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
I70.235	Atherosclerosis of native arteries of right leg with ulceration of other part of foot	ICD-10-CM	Diagnosis
I70.238	Atherosclerosis of native arteries of right leg with ulceration of other part of lower	ICD-10-CM	Diagnosis
I70.239	Atherosclerosis of native arteries of right leg with ulceration of unspecified site	ICD-10-CM	Diagnosis
I70.241	Atherosclerosis of native arteries of left leg with ulceration of thigh	ICD-10-CM	Diagnosis
I70.242	Atherosclerosis of native arteries of left leg with ulceration of calf	ICD-10-CM	Diagnosis
I70.243	Atherosclerosis of native arteries of left leg with ulceration of ankle	ICD-10-CM	Diagnosis
I70.244	Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot	ICD-10-CM	Diagnosis
I70.245	Atherosclerosis of native arteries of left leg with ulceration of other part of foot	ICD-10-CM	Diagnosis
I70.248	Atherosclerosis of native arteries of left leg with ulceration of other part of lower leg	ICD-10-CM	Diagnosis
I70.249	Atherosclerosis of native arteries of left leg with ulceration of unspecified site	ICD-10-CM	Diagnosis
I70.25	Atherosclerosis of native arteries of other extremities with ulceration	ICD-10-CM	Diagnosis
I70.291	Other atherosclerosis of native arteries of extremities, right leg	ICD-10-CM	Diagnosis
I70.292	Other atherosclerosis of native arteries of extremities, left leg	ICD-10-CM	Diagnosis
I70.293	Other atherosclerosis of native arteries of extremities, bilateral legs	ICD-10-CM	Diagnosis
I70.298	Other atherosclerosis of native arteries of extremities, other extremity	ICD-10-CM	Diagnosis
I70.299	Other atherosclerosis of native arteries of extremities, unspecified extremity	ICD-10-CM	Diagnosis
I70.92	Chronic total occlusion of artery of the extremities	ICD-10-CM	Diagnosis
I73.1	Thromboangiitis obliterans [Buerger's disease]	ICD-10-CM	Diagnosis
I73.81	Erythromelalgia	ICD-10-CM	Diagnosis
I73.89	Other specified peripheral vascular diseases	ICD-10-CM	Diagnosis
I73.9	Peripheral vascular disease, unspecified	ICD-10-CM	Diagnosis
I79.1	Aortitis in diseases classified elsewhere	ICD-10-CM	Diagnosis
I79.8	Other disorders of arteries, arterioles and capillaries in diseases classified elsewhere	ICD-10-CM	Diagnosis
Pneumocystosis			
B59	Pneumocystosis	ICD-10-CM	Diagnosis
Psoriatic Arthritis			
L40.50	Arthropathic psoriasis, unspecified	ICD-10-CM	Diagnosis
L40.51	Distal interphalangeal psoriatic arthropathy	ICD-10-CM	Diagnosis
L40.52	Psoriatic arthritis mutilans	ICD-10-CM	Diagnosis
L40.53	Psoriatic spondylitis	ICD-10-CM	Diagnosis
L40.54	Psoriatic juvenile arthropathy	ICD-10-CM	Diagnosis
L40.59	Other psoriatic arthropathy	ICD-10-CM	Diagnosis
Pulmonary Circulation Disorders			
I27.0	Primary pulmonary hypertension	ICD-10-CM	Diagnosis
I27.1	Kyphoscoliotic heart disease	ICD-10-CM	Diagnosis
I27.20	Pulmonary hypertension, unspecified	ICD-10-CM	Diagnosis
I27.21	Secondary pulmonary arterial hypertension	ICD-10-CM	Diagnosis
I27.22	Pulmonary hypertension due to left heart disease	ICD-10-CM	Diagnosis
I27.23	Pulmonary hypertension due to lung diseases and hypoxia	ICD-10-CM	Diagnosis
I27.24	Chronic thromboembolic pulmonary hypertension	ICD-10-CM	Diagnosis
I27.29	Other secondary pulmonary hypertension	ICD-10-CM	Diagnosis
I27.81	Cor pulmonale (chronic)	ICD-10-CM	Diagnosis
I27.82	Chronic pulmonary embolism	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
I27.89	Other specified pulmonary heart diseases	ICD-10-CM	Diagnosis
I27.9	Pulmonary heart disease, unspecified	ICD-10-CM	Diagnosis
I28.9	Disease of pulmonary vessels, unspecified	ICD-10-CM	Diagnosis
Pulmonary Disease			
J41.0	Simple chronic bronchitis	ICD-10-CM	Diagnosis
J41.1	Mucopurulent chronic bronchitis	ICD-10-CM	Diagnosis
J41.8	Mixed simple and mucopurulent chronic bronchitis	ICD-10-CM	Diagnosis
J42	Unspecified chronic bronchitis	ICD-10-CM	Diagnosis
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]	ICD-10-CM	Diagnosis
J43.1	Panlobular emphysema	ICD-10-CM	Diagnosis
J43.2	Centrilobular emphysema	ICD-10-CM	Diagnosis
J43.8	Other emphysema	ICD-10-CM	Diagnosis
J43.9	Emphysema, unspecified	ICD-10-CM	Diagnosis
J44.0	Chronic obstructive pulmonary disease with (acute) lower respiratory infection	ICD-10-CM	Diagnosis
J44.1	Chronic obstructive pulmonary disease with (acute) exacerbation	ICD-10-CM	Diagnosis
J44.9	Chronic obstructive pulmonary disease, unspecified	ICD-10-CM	Diagnosis
J45.20	Mild intermittent asthma, uncomplicated	ICD-10-CM	Diagnosis
J45.21	Mild intermittent asthma with (acute) exacerbation	ICD-10-CM	Diagnosis
J45.22	Mild intermittent asthma with status asthmaticus	ICD-10-CM	Diagnosis
J45.30	Mild persistent asthma, uncomplicated	ICD-10-CM	Diagnosis
J45.31	Mild persistent asthma with (acute) exacerbation	ICD-10-CM	Diagnosis
J45.32	Mild persistent asthma with status asthmaticus	ICD-10-CM	Diagnosis
J45.40	Moderate persistent asthma, uncomplicated	ICD-10-CM	Diagnosis
J45.41	Moderate persistent asthma with (acute) exacerbation	ICD-10-CM	Diagnosis
J45.42	Moderate persistent asthma with status asthmaticus	ICD-10-CM	Diagnosis
J45.50	Severe persistent asthma, uncomplicated	ICD-10-CM	Diagnosis
J45.51	Severe persistent asthma with (acute) exacerbation	ICD-10-CM	Diagnosis
J45.52	Severe persistent asthma with status asthmaticus	ICD-10-CM	Diagnosis
J45.901	Unspecified asthma with (acute) exacerbation	ICD-10-CM	Diagnosis
J45.902	Unspecified asthma with status asthmaticus	ICD-10-CM	Diagnosis
J45.909	Unspecified asthma, uncomplicated	ICD-10-CM	Diagnosis
J45.990	Exercise induced bronchospasm	ICD-10-CM	Diagnosis
J45.991	Cough variant asthma	ICD-10-CM	Diagnosis
J45.998	Other asthma	ICD-10-CM	Diagnosis
J47.0	Bronchiectasis with acute lower respiratory infection	ICD-10-CM	Diagnosis
J47.1	Bronchiectasis with (acute) exacerbation	ICD-10-CM	Diagnosis
J47.9	Bronchiectasis, uncomplicated	ICD-10-CM	Diagnosis
Reye's Syndrome			
G93.7	Reye's syndrome	ICD-10-CM	Diagnosis
Rheumatoid Arthritis/Osteoarthritis			
L40.50	Arthropathic psoriasis, unspecified	ICD-10-CM	Diagnosis
L40.51	Distal interphalangeal psoriatic arthropathy	ICD-10-CM	Diagnosis
L40.54	Psoriatic juvenile arthropathy	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
L40.59	Other psoriatic arthropathy	ICD-10-CM	Diagnosis
M05.00	Felty's syndrome, unspecified site	ICD-10-CM	Diagnosis
M05.011	Felty's syndrome, right shoulder	ICD-10-CM	Diagnosis
M05.012	Felty's syndrome, left shoulder	ICD-10-CM	Diagnosis
M05.019	Felty's syndrome, unspecified shoulder	ICD-10-CM	Diagnosis
M05.021	Felty's syndrome, right elbow	ICD-10-CM	Diagnosis
M05.022	Felty's syndrome, left elbow	ICD-10-CM	Diagnosis
M05.029	Felty's syndrome, unspecified elbow	ICD-10-CM	Diagnosis
M05.031	Felty's syndrome, right wrist	ICD-10-CM	Diagnosis
M05.032	Felty's syndrome, left wrist	ICD-10-CM	Diagnosis
M05.039	Felty's syndrome, unspecified wrist	ICD-10-CM	Diagnosis
M05.041	Felty's syndrome, right hand	ICD-10-CM	Diagnosis
M05.042	Felty's syndrome, left hand	ICD-10-CM	Diagnosis
M05.049	Felty's syndrome, unspecified hand	ICD-10-CM	Diagnosis
M05.051	Felty's syndrome, right hip	ICD-10-CM	Diagnosis
M05.052	Felty's syndrome, left hip	ICD-10-CM	Diagnosis
M05.059	Felty's syndrome, unspecified hip	ICD-10-CM	Diagnosis
M05.061	Felty's syndrome, right knee	ICD-10-CM	Diagnosis
M05.062	Felty's syndrome, left knee	ICD-10-CM	Diagnosis
M05.069	Felty's syndrome, unspecified knee	ICD-10-CM	Diagnosis
M05.071	Felty's syndrome, right ankle and foot	ICD-10-CM	Diagnosis
M05.072	Felty's syndrome, left ankle and foot	ICD-10-CM	Diagnosis
M05.079	Felty's syndrome, unspecified ankle and foot	ICD-10-CM	Diagnosis
M05.09	Felty's syndrome, multiple sites	ICD-10-CM	Diagnosis
M05.10	Rheumatoid lung disease with rheumatoid arthritis of unspecified site	ICD-10-CM	Diagnosis
M05.111	Rheumatoid lung disease with rheumatoid arthritis of right shoulder	ICD-10-CM	Diagnosis
M05.112	Rheumatoid lung disease with rheumatoid arthritis of left shoulder	ICD-10-CM	Diagnosis
M05.119	Rheumatoid lung disease with rheumatoid arthritis of unspecified shoulder	ICD-10-CM	Diagnosis
M05.121	Rheumatoid lung disease with rheumatoid arthritis of right elbow	ICD-10-CM	Diagnosis
M05.122	Rheumatoid lung disease with rheumatoid arthritis of left elbow	ICD-10-CM	Diagnosis
M05.129	Rheumatoid lung disease with rheumatoid arthritis of unspecified elbow	ICD-10-CM	Diagnosis
M05.131	Rheumatoid lung disease with rheumatoid arthritis of right wrist	ICD-10-CM	Diagnosis
M05.132	Rheumatoid lung disease with rheumatoid arthritis of left wrist	ICD-10-CM	Diagnosis
M05.139	Rheumatoid lung disease with rheumatoid arthritis of unspecified wrist	ICD-10-CM	Diagnosis
M05.141	Rheumatoid lung disease with rheumatoid arthritis of right hand	ICD-10-CM	Diagnosis
M05.142	Rheumatoid lung disease with rheumatoid arthritis of left hand	ICD-10-CM	Diagnosis
M05.149	Rheumatoid lung disease with rheumatoid arthritis of unspecified hand	ICD-10-CM	Diagnosis
M05.151	Rheumatoid lung disease with rheumatoid arthritis of right hip	ICD-10-CM	Diagnosis
M05.152	Rheumatoid lung disease with rheumatoid arthritis of left hip	ICD-10-CM	Diagnosis
M05.159	Rheumatoid lung disease with rheumatoid arthritis of unspecified hip	ICD-10-CM	Diagnosis
M05.161	Rheumatoid lung disease with rheumatoid arthritis of right knee	ICD-10-CM	Diagnosis
M05.162	Rheumatoid lung disease with rheumatoid arthritis of left knee	ICD-10-CM	Diagnosis
M05.169	Rheumatoid lung disease with rheumatoid arthritis of unspecified knee	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M05.171	Rheumatoid lung disease with rheumatoid arthritis of right ankle and foot	ICD-10-CM	Diagnosis
M05.172	Rheumatoid lung disease with rheumatoid arthritis of left ankle and foot	ICD-10-CM	Diagnosis
M05.179	Rheumatoid lung disease with rheumatoid arthritis of unspecified ankle and foot	ICD-10-CM	Diagnosis
M05.19	Rheumatoid lung disease with rheumatoid arthritis of multiple sites	ICD-10-CM	Diagnosis
M05.20	Rheumatoid vasculitis with rheumatoid arthritis of unspecified site	ICD-10-CM	Diagnosis
M05.211	Rheumatoid vasculitis with rheumatoid arthritis of right shoulder	ICD-10-CM	Diagnosis
M05.212	Rheumatoid vasculitis with rheumatoid arthritis of left shoulder	ICD-10-CM	Diagnosis
M05.219	Rheumatoid vasculitis with rheumatoid arthritis of unspecified shoulder	ICD-10-CM	Diagnosis
M05.221	Rheumatoid vasculitis with rheumatoid arthritis of right elbow	ICD-10-CM	Diagnosis
M05.222	Rheumatoid vasculitis with rheumatoid arthritis of left elbow	ICD-10-CM	Diagnosis
M05.229	Rheumatoid vasculitis with rheumatoid arthritis of unspecified elbow	ICD-10-CM	Diagnosis
M05.231	Rheumatoid vasculitis with rheumatoid arthritis of right wrist	ICD-10-CM	Diagnosis
M05.232	Rheumatoid vasculitis with rheumatoid arthritis of left wrist	ICD-10-CM	Diagnosis
M05.239	Rheumatoid vasculitis with rheumatoid arthritis of unspecified wrist	ICD-10-CM	Diagnosis
M05.241	Rheumatoid vasculitis with rheumatoid arthritis of right hand	ICD-10-CM	Diagnosis
M05.242	Rheumatoid vasculitis with rheumatoid arthritis of left hand	ICD-10-CM	Diagnosis
M05.249	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hand	ICD-10-CM	Diagnosis
M05.251	Rheumatoid vasculitis with rheumatoid arthritis of right hip	ICD-10-CM	Diagnosis
M05.252	Rheumatoid vasculitis with rheumatoid arthritis of left hip	ICD-10-CM	Diagnosis
M05.259	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hip	ICD-10-CM	Diagnosis
M05.261	Rheumatoid vasculitis with rheumatoid arthritis of right knee	ICD-10-CM	Diagnosis
M05.262	Rheumatoid vasculitis with rheumatoid arthritis of left knee	ICD-10-CM	Diagnosis
M05.269	Rheumatoid vasculitis with rheumatoid arthritis of unspecified knee	ICD-10-CM	Diagnosis
M05.271	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot	ICD-10-CM	Diagnosis
M05.272	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot	ICD-10-CM	Diagnosis
M05.279	Rheumatoid vasculitis with rheumatoid arthritis of unspecified ankle and foot	ICD-10-CM	Diagnosis
M05.29	Rheumatoid vasculitis with rheumatoid arthritis of multiple sites	ICD-10-CM	Diagnosis
M05.30	Rheumatoid heart disease with rheumatoid arthritis of unspecified site	ICD-10-CM	Diagnosis
M05.311	Rheumatoid heart disease with rheumatoid arthritis of right shoulder	ICD-10-CM	Diagnosis
M05.312	Rheumatoid heart disease with rheumatoid arthritis of left shoulder	ICD-10-CM	Diagnosis
M05.319	Rheumatoid heart disease with rheumatoid arthritis of unspecified shoulder	ICD-10-CM	Diagnosis
M05.321	Rheumatoid heart disease with rheumatoid arthritis of right elbow	ICD-10-CM	Diagnosis
M05.322	Rheumatoid heart disease with rheumatoid arthritis of left elbow	ICD-10-CM	Diagnosis
M05.329	Rheumatoid heart disease with rheumatoid arthritis of unspecified elbow	ICD-10-CM	Diagnosis
M05.331	Rheumatoid heart disease with rheumatoid arthritis of right wrist	ICD-10-CM	Diagnosis
M05.332	Rheumatoid heart disease with rheumatoid arthritis of left wrist	ICD-10-CM	Diagnosis
M05.339	Rheumatoid heart disease with rheumatoid arthritis of unspecified wrist	ICD-10-CM	Diagnosis
M05.341	Rheumatoid heart disease with rheumatoid arthritis of right hand	ICD-10-CM	Diagnosis
M05.342	Rheumatoid heart disease with rheumatoid arthritis of left hand	ICD-10-CM	Diagnosis
M05.349	Rheumatoid heart disease with rheumatoid arthritis of unspecified hand	ICD-10-CM	Diagnosis
M05.351	Rheumatoid heart disease with rheumatoid arthritis of right hip	ICD-10-CM	Diagnosis
M05.352	Rheumatoid heart disease with rheumatoid arthritis of left hip	ICD-10-CM	Diagnosis
M05.359	Rheumatoid heart disease with rheumatoid arthritis of unspecified hip	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M05.361	Rheumatoid heart disease with rheumatoid arthritis of right knee	ICD-10-CM	Diagnosis
M05.362	Rheumatoid heart disease with rheumatoid arthritis of left knee	ICD-10-CM	Diagnosis
M05.369	Rheumatoid heart disease with rheumatoid arthritis of unspecified knee	ICD-10-CM	Diagnosis
M05.371	Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot	ICD-10-CM	Diagnosis
M05.372	Rheumatoid heart disease with rheumatoid arthritis of left ankle and foot	ICD-10-CM	Diagnosis
M05.379	Rheumatoid heart disease with rheumatoid arthritis of unspecified ankle and foot	ICD-10-CM	Diagnosis
M05.39	Rheumatoid heart disease with rheumatoid arthritis of multiple sites	ICD-10-CM	Diagnosis
M05.40	Rheumatoid myopathy with rheumatoid arthritis of unspecified site	ICD-10-CM	Diagnosis
M05.411	Rheumatoid myopathy with rheumatoid arthritis of right shoulder	ICD-10-CM	Diagnosis
M05.412	Rheumatoid myopathy with rheumatoid arthritis of left shoulder	ICD-10-CM	Diagnosis
M05.419	Rheumatoid myopathy with rheumatoid arthritis of unspecified shoulder	ICD-10-CM	Diagnosis
M05.421	Rheumatoid myopathy with rheumatoid arthritis of right elbow	ICD-10-CM	Diagnosis
M05.422	Rheumatoid myopathy with rheumatoid arthritis of left elbow	ICD-10-CM	Diagnosis
M05.429	Rheumatoid myopathy with rheumatoid arthritis of unspecified elbow	ICD-10-CM	Diagnosis
M05.431	Rheumatoid myopathy with rheumatoid arthritis of right wrist	ICD-10-CM	Diagnosis
M05.432	Rheumatoid myopathy with rheumatoid arthritis of left wrist	ICD-10-CM	Diagnosis
M05.439	Rheumatoid myopathy with rheumatoid arthritis of unspecified wrist	ICD-10-CM	Diagnosis
M05.441	Rheumatoid myopathy with rheumatoid arthritis of right hand	ICD-10-CM	Diagnosis
M05.442	Rheumatoid myopathy with rheumatoid arthritis of left hand	ICD-10-CM	Diagnosis
M05.449	Rheumatoid myopathy with rheumatoid arthritis of unspecified hand	ICD-10-CM	Diagnosis
M05.451	Rheumatoid myopathy with rheumatoid arthritis of right hip	ICD-10-CM	Diagnosis
M05.452	Rheumatoid myopathy with rheumatoid arthritis of left hip	ICD-10-CM	Diagnosis
M05.459	Rheumatoid myopathy with rheumatoid arthritis of unspecified hip	ICD-10-CM	Diagnosis
M05.461	Rheumatoid myopathy with rheumatoid arthritis of right knee	ICD-10-CM	Diagnosis
M05.462	Rheumatoid myopathy with rheumatoid arthritis of left knee	ICD-10-CM	Diagnosis
M05.469	Rheumatoid myopathy with rheumatoid arthritis of unspecified knee	ICD-10-CM	Diagnosis
M05.471	Rheumatoid myopathy with rheumatoid arthritis of right ankle and foot	ICD-10-CM	Diagnosis
M05.472	Rheumatoid myopathy with rheumatoid arthritis of left ankle and foot	ICD-10-CM	Diagnosis
M05.479	Rheumatoid myopathy with rheumatoid arthritis of unspecified ankle and foot	ICD-10-CM	Diagnosis
M05.49	Rheumatoid myopathy with rheumatoid arthritis of multiple sites	ICD-10-CM	Diagnosis
M05.50	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified site	ICD-10-CM	Diagnosis
M05.511	Rheumatoid polyneuropathy with rheumatoid arthritis of right shoulder	ICD-10-CM	Diagnosis
M05.512	Rheumatoid polyneuropathy with rheumatoid arthritis of left shoulder	ICD-10-CM	Diagnosis
M05.519	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified shoulder	ICD-10-CM	Diagnosis
M05.521	Rheumatoid polyneuropathy with rheumatoid arthritis of right elbow	ICD-10-CM	Diagnosis
M05.522	Rheumatoid polyneuropathy with rheumatoid arthritis of left elbow	ICD-10-CM	Diagnosis
M05.529	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified elbow	ICD-10-CM	Diagnosis
M05.531	Rheumatoid polyneuropathy with rheumatoid arthritis of right wrist	ICD-10-CM	Diagnosis
M05.532	Rheumatoid polyneuropathy with rheumatoid arthritis of left wrist	ICD-10-CM	Diagnosis
M05.539	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified wrist	ICD-10-CM	Diagnosis
M05.541	Rheumatoid polyneuropathy with rheumatoid arthritis of right hand	ICD-10-CM	Diagnosis
M05.542	Rheumatoid polyneuropathy with rheumatoid arthritis of left hand	ICD-10-CM	Diagnosis
M05.549	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hand	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M05.551	Rheumatoid polyneuropathy with rheumatoid arthritis of right hip	ICD-10-CM	Diagnosis
M05.552	Rheumatoid polyneuropathy with rheumatoid arthritis of left hip	ICD-10-CM	Diagnosis
M05.559	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hip	ICD-10-CM	Diagnosis
M05.561	Rheumatoid polyneuropathy with rheumatoid arthritis of right knee	ICD-10-CM	Diagnosis
M05.562	Rheumatoid polyneuropathy with rheumatoid arthritis of left knee	ICD-10-CM	Diagnosis
M05.569	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified knee	ICD-10-CM	Diagnosis
M05.571	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot	ICD-10-CM	Diagnosis
M05.572	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot	ICD-10-CM	Diagnosis
M05.579	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified ankle and foot	ICD-10-CM	Diagnosis
M05.59	Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites	ICD-10-CM	Diagnosis
M05.60	Rheumatoid arthritis of unspecified site with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.611	Rheumatoid arthritis of right shoulder with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.612	Rheumatoid arthritis of left shoulder with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.619	Rheumatoid arthritis of unspecified shoulder with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.621	Rheumatoid arthritis of right elbow with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.622	Rheumatoid arthritis of left elbow with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.629	Rheumatoid arthritis of unspecified elbow with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.631	Rheumatoid arthritis of right wrist with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.632	Rheumatoid arthritis of left wrist with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.639	Rheumatoid arthritis of unspecified wrist with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.641	Rheumatoid arthritis of right hand with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.642	Rheumatoid arthritis of left hand with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.649	Rheumatoid arthritis of unspecified hand with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.651	Rheumatoid arthritis of right hip with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.652	Rheumatoid arthritis of left hip with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.659	Rheumatoid arthritis of unspecified hip with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.661	Rheumatoid arthritis of right knee with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.662	Rheumatoid arthritis of left knee with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.669	Rheumatoid arthritis of unspecified knee with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.671	Rheumatoid arthritis of right ankle and foot with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.672	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.679	Rheumatoid arthritis of unspecified ankle and foot with involvement of other organs and systems	ICD-10-CM	Diagnosis
M05.69	Rheumatoid arthritis of multiple sites with involvement of other organs and systems	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M05.70	Rheumatoid arthritis with rheumatoid factor of unspecified site without organ or systems involvement	ICD-10-CM	Diagnosis
M05.711	Rheumatoid arthritis with rheumatoid factor of right shoulder without organ or systems involvement	ICD-10-CM	Diagnosis
M05.712	Rheumatoid arthritis with rheumatoid factor of left shoulder without organ or systems involvement	ICD-10-CM	Diagnosis
M05.719	Rheumatoid arthritis with rheumatoid factor of unspecified shoulder without organ or systems involvement	ICD-10-CM	Diagnosis
M05.721	Rheumatoid arthritis with rheumatoid factor of right elbow without organ or systems involvement	ICD-10-CM	Diagnosis
M05.722	Rheumatoid arthritis with rheumatoid factor of left elbow without organ or systems involvement	ICD-10-CM	Diagnosis
M05.729	Rheumatoid arthritis with rheumatoid factor of unspecified elbow without organ or systems involvement	ICD-10-CM	Diagnosis
M05.731	Rheumatoid arthritis with rheumatoid factor of right wrist without organ or systems involvement	ICD-10-CM	Diagnosis
M05.732	Rheumatoid arthritis with rheumatoid factor of left wrist without organ or systems involvement	ICD-10-CM	Diagnosis
M05.739	Rheumatoid arthritis with rheumatoid factor of unspecified wrist without organ or systems involvement	ICD-10-CM	Diagnosis
M05.741	Rheumatoid arthritis with rheumatoid factor of right hand without organ or systems involvement	ICD-10-CM	Diagnosis
M05.742	Rheumatoid arthritis with rheumatoid factor of left hand without organ or systems involvement	ICD-10-CM	Diagnosis
M05.749	Rheumatoid arthritis with rheumatoid factor of unspecified hand without organ or systems involvement	ICD-10-CM	Diagnosis
M05.751	Rheumatoid arthritis with rheumatoid factor of right hip without organ or systems involvement	ICD-10-CM	Diagnosis
M05.752	Rheumatoid arthritis with rheumatoid factor of left hip without organ or systems involvement	ICD-10-CM	Diagnosis
M05.759	Rheumatoid arthritis with rheumatoid factor of unspecified hip without organ or systems involvement	ICD-10-CM	Diagnosis
M05.761	Rheumatoid arthritis with rheumatoid factor of right knee without organ or systems involvement	ICD-10-CM	Diagnosis
M05.762	Rheumatoid arthritis with rheumatoid factor of left knee without organ or systems involvement	ICD-10-CM	Diagnosis
M05.769	Rheumatoid arthritis with rheumatoid factor of unspecified knee without organ or systems involvement	ICD-10-CM	Diagnosis
M05.771	Rheumatoid arthritis with rheumatoid factor of right ankle and foot without organ or systems involvement	ICD-10-CM	Diagnosis
M05.772	Rheumatoid arthritis with rheumatoid factor of left ankle and foot without organ or systems involvement	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M05.779	Rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot without organ or systems involvement	ICD-10-CM	Diagnosis
M05.79	Rheumatoid arthritis with rheumatoid factor of multiple sites without organ or systems involvement	ICD-10-CM	Diagnosis
M05.7A	Rheumatoid arthritis with rheumatoid factor of other specified site without organ or systems involvement	ICD-10-CM	Diagnosis
M05.80	Other rheumatoid arthritis with rheumatoid factor of unspecified site	ICD-10-CM	Diagnosis
M05.811	Other rheumatoid arthritis with rheumatoid factor of right shoulder	ICD-10-CM	Diagnosis
M05.812	Other rheumatoid arthritis with rheumatoid factor of left shoulder	ICD-10-CM	Diagnosis
M05.819	Other rheumatoid arthritis with rheumatoid factor of unspecified shoulder	ICD-10-CM	Diagnosis
M05.821	Other rheumatoid arthritis with rheumatoid factor of right elbow	ICD-10-CM	Diagnosis
M05.822	Other rheumatoid arthritis with rheumatoid factor of left elbow	ICD-10-CM	Diagnosis
M05.829	Other rheumatoid arthritis with rheumatoid factor of unspecified elbow	ICD-10-CM	Diagnosis
M05.831	Other rheumatoid arthritis with rheumatoid factor of right wrist	ICD-10-CM	Diagnosis
M05.832	Other rheumatoid arthritis with rheumatoid factor of left wrist	ICD-10-CM	Diagnosis
M05.839	Other rheumatoid arthritis with rheumatoid factor of unspecified wrist	ICD-10-CM	Diagnosis
M05.841	Other rheumatoid arthritis with rheumatoid factor of right hand	ICD-10-CM	Diagnosis
M05.842	Other rheumatoid arthritis with rheumatoid factor of left hand	ICD-10-CM	Diagnosis
M05.849	Other rheumatoid arthritis with rheumatoid factor of unspecified hand	ICD-10-CM	Diagnosis
M05.851	Other rheumatoid arthritis with rheumatoid factor of right hip	ICD-10-CM	Diagnosis
M05.852	Other rheumatoid arthritis with rheumatoid factor of left hip	ICD-10-CM	Diagnosis
M05.859	Other rheumatoid arthritis with rheumatoid factor of unspecified hip	ICD-10-CM	Diagnosis
M05.861	Other rheumatoid arthritis with rheumatoid factor of right knee	ICD-10-CM	Diagnosis
M05.862	Other rheumatoid arthritis with rheumatoid factor of left knee	ICD-10-CM	Diagnosis
M05.869	Other rheumatoid arthritis with rheumatoid factor of unspecified knee	ICD-10-CM	Diagnosis
M05.871	Other rheumatoid arthritis with rheumatoid factor of right ankle and foot	ICD-10-CM	Diagnosis
M05.872	Other rheumatoid arthritis with rheumatoid factor of left ankle and foot	ICD-10-CM	Diagnosis
M05.879	Other rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot	ICD-10-CM	Diagnosis
M05.89	Other rheumatoid arthritis with rheumatoid factor of multiple sites	ICD-10-CM	Diagnosis
M05.8A	Other rheumatoid arthritis with rheumatoid factor of other specified site	ICD-10-CM	Diagnosis
M05.9	Rheumatoid arthritis with rheumatoid factor, unspecified	ICD-10-CM	Diagnosis
M06.00	Rheumatoid arthritis without rheumatoid factor, unspecified site	ICD-10-CM	Diagnosis
M06.011	Rheumatoid arthritis without rheumatoid factor, right shoulder	ICD-10-CM	Diagnosis
M06.012	Rheumatoid arthritis without rheumatoid factor, left shoulder	ICD-10-CM	Diagnosis
M06.019	Rheumatoid arthritis without rheumatoid factor, unspecified shoulder	ICD-10-CM	Diagnosis
M06.021	Rheumatoid arthritis without rheumatoid factor, right elbow	ICD-10-CM	Diagnosis
M06.022	Rheumatoid arthritis without rheumatoid factor, left elbow	ICD-10-CM	Diagnosis
M06.029	Rheumatoid arthritis without rheumatoid factor, unspecified elbow	ICD-10-CM	Diagnosis
M06.031	Rheumatoid arthritis without rheumatoid factor, right wrist	ICD-10-CM	Diagnosis
M06.032	Rheumatoid arthritis without rheumatoid factor, left wrist	ICD-10-CM	Diagnosis
M06.039	Rheumatoid arthritis without rheumatoid factor, unspecified wrist	ICD-10-CM	Diagnosis
M06.041	Rheumatoid arthritis without rheumatoid factor, right hand	ICD-10-CM	Diagnosis
M06.042	Rheumatoid arthritis without rheumatoid factor, left hand	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M06.049	Rheumatoid arthritis without rheumatoid factor, unspecified hand	ICD-10-CM	Diagnosis
M06.051	Rheumatoid arthritis without rheumatoid factor, right hip	ICD-10-CM	Diagnosis
M06.052	Rheumatoid arthritis without rheumatoid factor, left hip	ICD-10-CM	Diagnosis
M06.059	Rheumatoid arthritis without rheumatoid factor, unspecified hip	ICD-10-CM	Diagnosis
M06.061	Rheumatoid arthritis without rheumatoid factor, right knee	ICD-10-CM	Diagnosis
M06.062	Rheumatoid arthritis without rheumatoid factor, left knee	ICD-10-CM	Diagnosis
M06.069	Rheumatoid arthritis without rheumatoid factor, unspecified knee	ICD-10-CM	Diagnosis
M06.071	Rheumatoid arthritis without rheumatoid factor, right ankle and foot	ICD-10-CM	Diagnosis
M06.072	Rheumatoid arthritis without rheumatoid factor, left ankle and foot	ICD-10-CM	Diagnosis
M06.079	Rheumatoid arthritis without rheumatoid factor, unspecified ankle and foot	ICD-10-CM	Diagnosis
M06.08	Rheumatoid arthritis without rheumatoid factor, vertebrae	ICD-10-CM	Diagnosis
M06.09	Rheumatoid arthritis without rheumatoid factor, multiple sites	ICD-10-CM	Diagnosis
M06.0A	Rheumatoid arthritis without rheumatoid factor, other specified site	ICD-10-CM	Diagnosis
M06.1	Adult-onset Still's disease	ICD-10-CM	Diagnosis
M06.20	Rheumatoid bursitis, unspecified site	ICD-10-CM	Diagnosis
M06.211	Rheumatoid bursitis, right shoulder	ICD-10-CM	Diagnosis
M06.212	Rheumatoid bursitis, left shoulder	ICD-10-CM	Diagnosis
M06.219	Rheumatoid bursitis, unspecified shoulder	ICD-10-CM	Diagnosis
M06.221	Rheumatoid bursitis, right elbow	ICD-10-CM	Diagnosis
M06.222	Rheumatoid bursitis, left elbow	ICD-10-CM	Diagnosis
M06.229	Rheumatoid bursitis, unspecified elbow	ICD-10-CM	Diagnosis
M06.231	Rheumatoid bursitis, right wrist	ICD-10-CM	Diagnosis
M06.232	Rheumatoid bursitis, left wrist	ICD-10-CM	Diagnosis
M06.239	Rheumatoid bursitis, unspecified wrist	ICD-10-CM	Diagnosis
M06.241	Rheumatoid bursitis, right hand	ICD-10-CM	Diagnosis
M06.242	Rheumatoid bursitis, left hand	ICD-10-CM	Diagnosis
M06.249	Rheumatoid bursitis, unspecified hand	ICD-10-CM	Diagnosis
M06.251	Rheumatoid bursitis, right hip	ICD-10-CM	Diagnosis
M06.252	Rheumatoid bursitis, left hip	ICD-10-CM	Diagnosis
M06.259	Rheumatoid bursitis, unspecified hip	ICD-10-CM	Diagnosis
M06.261	Rheumatoid bursitis, right knee	ICD-10-CM	Diagnosis
M06.262	Rheumatoid bursitis, left knee	ICD-10-CM	Diagnosis
M06.269	Rheumatoid bursitis, unspecified knee	ICD-10-CM	Diagnosis
M06.271	Rheumatoid bursitis, right ankle and foot	ICD-10-CM	Diagnosis
M06.272	Rheumatoid bursitis, left ankle and foot	ICD-10-CM	Diagnosis
M06.279	Rheumatoid bursitis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M06.28	Rheumatoid bursitis, vertebrae	ICD-10-CM	Diagnosis
M06.29	Rheumatoid bursitis, multiple sites	ICD-10-CM	Diagnosis
M06.30	Rheumatoid nodule, unspecified site	ICD-10-CM	Diagnosis
M06.311	Rheumatoid nodule, right shoulder	ICD-10-CM	Diagnosis
M06.312	Rheumatoid nodule, left shoulder	ICD-10-CM	Diagnosis
M06.319	Rheumatoid nodule, unspecified shoulder	ICD-10-CM	Diagnosis
M06.321	Rheumatoid nodule, right elbow	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
M06.322	Rheumatoid nodule, left elbow	ICD-10-CM	Diagnosis
M06.329	Rheumatoid nodule, unspecified elbow	ICD-10-CM	Diagnosis
M06.331	Rheumatoid nodule, right wrist	ICD-10-CM	Diagnosis
M06.332	Rheumatoid nodule, left wrist	ICD-10-CM	Diagnosis
M06.339	Rheumatoid nodule, unspecified wrist	ICD-10-CM	Diagnosis
M06.341	Rheumatoid nodule, right hand	ICD-10-CM	Diagnosis
M06.342	Rheumatoid nodule, left hand	ICD-10-CM	Diagnosis
M06.349	Rheumatoid nodule, unspecified hand	ICD-10-CM	Diagnosis
M06.351	Rheumatoid nodule, right hip	ICD-10-CM	Diagnosis
M06.352	Rheumatoid nodule, left hip	ICD-10-CM	Diagnosis
M06.359	Rheumatoid nodule, unspecified hip	ICD-10-CM	Diagnosis
M06.361	Rheumatoid nodule, right knee	ICD-10-CM	Diagnosis
M06.362	Rheumatoid nodule, left knee	ICD-10-CM	Diagnosis
M06.369	Rheumatoid nodule, unspecified knee	ICD-10-CM	Diagnosis
M06.371	Rheumatoid nodule, right ankle and foot	ICD-10-CM	Diagnosis
M06.372	Rheumatoid nodule, left ankle and foot	ICD-10-CM	Diagnosis
M06.379	Rheumatoid nodule, unspecified ankle and foot	ICD-10-CM	Diagnosis
M06.38	Rheumatoid nodule, vertebrae	ICD-10-CM	Diagnosis
M06.39	Rheumatoid nodule, multiple sites	ICD-10-CM	Diagnosis
M06.80	Other specified rheumatoid arthritis, unspecified site	ICD-10-CM	Diagnosis
M06.811	Other specified rheumatoid arthritis, right shoulder	ICD-10-CM	Diagnosis
M06.812	Other specified rheumatoid arthritis, left shoulder	ICD-10-CM	Diagnosis
M06.819	Other specified rheumatoid arthritis, unspecified shoulder	ICD-10-CM	Diagnosis
M06.821	Other specified rheumatoid arthritis, right elbow	ICD-10-CM	Diagnosis
M06.822	Other specified rheumatoid arthritis, left elbow	ICD-10-CM	Diagnosis
M06.829	Other specified rheumatoid arthritis, unspecified elbow	ICD-10-CM	Diagnosis
M06.831	Other specified rheumatoid arthritis, right wrist	ICD-10-CM	Diagnosis
M06.832	Other specified rheumatoid arthritis, left wrist	ICD-10-CM	Diagnosis
M06.839	Other specified rheumatoid arthritis, unspecified wrist	ICD-10-CM	Diagnosis
M06.841	Other specified rheumatoid arthritis, right hand	ICD-10-CM	Diagnosis
M06.842	Other specified rheumatoid arthritis, left hand	ICD-10-CM	Diagnosis
M06.849	Other specified rheumatoid arthritis, unspecified hand	ICD-10-CM	Diagnosis
M06.851	Other specified rheumatoid arthritis, right hip	ICD-10-CM	Diagnosis
M06.852	Other specified rheumatoid arthritis, left hip	ICD-10-CM	Diagnosis
M06.859	Other specified rheumatoid arthritis, unspecified hip	ICD-10-CM	Diagnosis
M06.861	Other specified rheumatoid arthritis, right knee	ICD-10-CM	Diagnosis
M06.862	Other specified rheumatoid arthritis, left knee	ICD-10-CM	Diagnosis
M06.869	Other specified rheumatoid arthritis, unspecified knee	ICD-10-CM	Diagnosis
M06.871	Other specified rheumatoid arthritis, right ankle and foot	ICD-10-CM	Diagnosis
M06.872	Other specified rheumatoid arthritis, left ankle and foot	ICD-10-CM	Diagnosis
M06.879	Other specified rheumatoid arthritis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M06.88	Other specified rheumatoid arthritis, vertebrae	ICD-10-CM	Diagnosis
M06.89	Other specified rheumatoid arthritis, multiple sites	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M06.8A	Other specified rheumatoid arthritis, other specified site	ICD-10-CM	Diagnosis
M06.9	Rheumatoid arthritis, unspecified	ICD-10-CM	Diagnosis
M08.00	Unspecified juvenile rheumatoid arthritis of unspecified site	ICD-10-CM	Diagnosis
M08.011	Unspecified juvenile rheumatoid arthritis, right shoulder	ICD-10-CM	Diagnosis
M08.012	Unspecified juvenile rheumatoid arthritis, left shoulder	ICD-10-CM	Diagnosis
M08.019	Unspecified juvenile rheumatoid arthritis, unspecified shoulder	ICD-10-CM	Diagnosis
M08.021	Unspecified juvenile rheumatoid arthritis, right elbow	ICD-10-CM	Diagnosis
M08.022	Unspecified juvenile rheumatoid arthritis, left elbow	ICD-10-CM	Diagnosis
M08.029	Unspecified juvenile rheumatoid arthritis, unspecified elbow	ICD-10-CM	Diagnosis
M08.031	Unspecified juvenile rheumatoid arthritis, right wrist	ICD-10-CM	Diagnosis
M08.032	Unspecified juvenile rheumatoid arthritis, left wrist	ICD-10-CM	Diagnosis
M08.039	Unspecified juvenile rheumatoid arthritis, unspecified wrist	ICD-10-CM	Diagnosis
M08.041	Unspecified juvenile rheumatoid arthritis, right hand	ICD-10-CM	Diagnosis
M08.042	Unspecified juvenile rheumatoid arthritis, left hand	ICD-10-CM	Diagnosis
M08.049	Unspecified juvenile rheumatoid arthritis, unspecified hand	ICD-10-CM	Diagnosis
M08.051	Unspecified juvenile rheumatoid arthritis, right hip	ICD-10-CM	Diagnosis
M08.052	Unspecified juvenile rheumatoid arthritis, left hip	ICD-10-CM	Diagnosis
M08.059	Unspecified juvenile rheumatoid arthritis, unspecified hip	ICD-10-CM	Diagnosis
M08.061	Unspecified juvenile rheumatoid arthritis, right knee	ICD-10-CM	Diagnosis
M08.062	Unspecified juvenile rheumatoid arthritis, left knee	ICD-10-CM	Diagnosis
M08.069	Unspecified juvenile rheumatoid arthritis, unspecified knee	ICD-10-CM	Diagnosis
M08.071	Unspecified juvenile rheumatoid arthritis, right ankle and foot	ICD-10-CM	Diagnosis
M08.072	Unspecified juvenile rheumatoid arthritis, left ankle and foot	ICD-10-CM	Diagnosis
M08.079	Unspecified juvenile rheumatoid arthritis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M08.08	Unspecified juvenile rheumatoid arthritis, vertebrae	ICD-10-CM	Diagnosis
M08.09	Unspecified juvenile rheumatoid arthritis, multiple sites	ICD-10-CM	Diagnosis
M08.0A	Unspecified juvenile rheumatoid arthritis, other specified site	ICD-10-CM	Diagnosis
M08.1	Juvenile ankylosing spondylitis	ICD-10-CM	Diagnosis
M08.20	Juvenile rheumatoid arthritis with systemic onset, unspecified site	ICD-10-CM	Diagnosis
M08.211	Juvenile rheumatoid arthritis with systemic onset, right shoulder	ICD-10-CM	Diagnosis
M08.212	Juvenile rheumatoid arthritis with systemic onset, left shoulder	ICD-10-CM	Diagnosis
M08.219	Juvenile rheumatoid arthritis with systemic onset, unspecified shoulder	ICD-10-CM	Diagnosis
M08.221	Juvenile rheumatoid arthritis with systemic onset, right elbow	ICD-10-CM	Diagnosis
M08.222	Juvenile rheumatoid arthritis with systemic onset, left elbow	ICD-10-CM	Diagnosis
M08.229	Juvenile rheumatoid arthritis with systemic onset, unspecified elbow	ICD-10-CM	Diagnosis
M08.231	Juvenile rheumatoid arthritis with systemic onset, right wrist	ICD-10-CM	Diagnosis
M08.232	Juvenile rheumatoid arthritis with systemic onset, left wrist	ICD-10-CM	Diagnosis
M08.239	Juvenile rheumatoid arthritis with systemic onset, unspecified wrist	ICD-10-CM	Diagnosis
M08.241	Juvenile rheumatoid arthritis with systemic onset, right hand	ICD-10-CM	Diagnosis
M08.242	Juvenile rheumatoid arthritis with systemic onset, left hand	ICD-10-CM	Diagnosis
M08.249	Juvenile rheumatoid arthritis with systemic onset, unspecified hand	ICD-10-CM	Diagnosis
M08.251	Juvenile rheumatoid arthritis with systemic onset, right hip	ICD-10-CM	Diagnosis
M08.252	Juvenile rheumatoid arthritis with systemic onset, left hip	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M08.259	Juvenile rheumatoid arthritis with systemic onset, unspecified hip	ICD-10-CM	Diagnosis
M08.261	Juvenile rheumatoid arthritis with systemic onset, right knee	ICD-10-CM	Diagnosis
M08.262	Juvenile rheumatoid arthritis with systemic onset, left knee	ICD-10-CM	Diagnosis
M08.269	Juvenile rheumatoid arthritis with systemic onset, unspecified knee	ICD-10-CM	Diagnosis
M08.271	Juvenile rheumatoid arthritis with systemic onset, right ankle and foot	ICD-10-CM	Diagnosis
M08.272	Juvenile rheumatoid arthritis with systemic onset, left ankle and foot	ICD-10-CM	Diagnosis
M08.279	Juvenile rheumatoid arthritis with systemic onset, unspecified ankle and foot	ICD-10-CM	Diagnosis
M08.28	Juvenile rheumatoid arthritis with systemic onset, vertebrae	ICD-10-CM	Diagnosis
M08.29	Juvenile rheumatoid arthritis with systemic onset, multiple sites	ICD-10-CM	Diagnosis
M08.2A	Juvenile rheumatoid arthritis with systemic onset, other specified site	ICD-10-CM	Diagnosis
M08.3	Juvenile rheumatoid polyarthritis (seronegative)	ICD-10-CM	Diagnosis
M08.40	Pauciarticular juvenile rheumatoid arthritis, unspecified site	ICD-10-CM	Diagnosis
M08.411	Pauciarticular juvenile rheumatoid arthritis, right shoulder	ICD-10-CM	Diagnosis
M08.412	Pauciarticular juvenile rheumatoid arthritis, left shoulder	ICD-10-CM	Diagnosis
M08.419	Pauciarticular juvenile rheumatoid arthritis, unspecified shoulder	ICD-10-CM	Diagnosis
M08.421	Pauciarticular juvenile rheumatoid arthritis, right elbow	ICD-10-CM	Diagnosis
M08.422	Pauciarticular juvenile rheumatoid arthritis, left elbow	ICD-10-CM	Diagnosis
M08.429	Pauciarticular juvenile rheumatoid arthritis, unspecified elbow	ICD-10-CM	Diagnosis
M08.431	Pauciarticular juvenile rheumatoid arthritis, right wrist	ICD-10-CM	Diagnosis
M08.432	Pauciarticular juvenile rheumatoid arthritis, left wrist	ICD-10-CM	Diagnosis
M08.439	Pauciarticular juvenile rheumatoid arthritis, unspecified wrist	ICD-10-CM	Diagnosis
M08.441	Pauciarticular juvenile rheumatoid arthritis, right hand	ICD-10-CM	Diagnosis
M08.442	Pauciarticular juvenile rheumatoid arthritis, left hand	ICD-10-CM	Diagnosis
M08.449	Pauciarticular juvenile rheumatoid arthritis, unspecified hand	ICD-10-CM	Diagnosis
M08.451	Pauciarticular juvenile rheumatoid arthritis, right hip	ICD-10-CM	Diagnosis
M08.452	Pauciarticular juvenile rheumatoid arthritis, left hip	ICD-10-CM	Diagnosis
M08.459	Pauciarticular juvenile rheumatoid arthritis, unspecified hip	ICD-10-CM	Diagnosis
M08.461	Pauciarticular juvenile rheumatoid arthritis, right knee	ICD-10-CM	Diagnosis
M08.462	Pauciarticular juvenile rheumatoid arthritis, left knee	ICD-10-CM	Diagnosis
M08.469	Pauciarticular juvenile rheumatoid arthritis, unspecified knee	ICD-10-CM	Diagnosis
M08.471	Pauciarticular juvenile rheumatoid arthritis, right ankle and foot	ICD-10-CM	Diagnosis
M08.472	Pauciarticular juvenile rheumatoid arthritis, left ankle and foot	ICD-10-CM	Diagnosis
M08.479	Pauciarticular juvenile rheumatoid arthritis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M08.48	Pauciarticular juvenile rheumatoid arthritis, vertebrae	ICD-10-CM	Diagnosis
M08.4A	Pauciarticular juvenile rheumatoid arthritis, other specified site	ICD-10-CM	Diagnosis
M08.80	Other juvenile arthritis, unspecified site	ICD-10-CM	Diagnosis
M08.811	Other juvenile arthritis, right shoulder	ICD-10-CM	Diagnosis
M08.812	Other juvenile arthritis, left shoulder	ICD-10-CM	Diagnosis
M08.819	Other juvenile arthritis, unspecified shoulder	ICD-10-CM	Diagnosis
M08.821	Other juvenile arthritis, right elbow	ICD-10-CM	Diagnosis
M08.822	Other juvenile arthritis, left elbow	ICD-10-CM	Diagnosis
M08.829	Other juvenile arthritis, unspecified elbow	ICD-10-CM	Diagnosis
M08.831	Other juvenile arthritis, right wrist	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M08.832	Other juvenile arthritis, left wrist	ICD-10-CM	Diagnosis
M08.839	Other juvenile arthritis, unspecified wrist	ICD-10-CM	Diagnosis
M08.841	Other juvenile arthritis, right hand	ICD-10-CM	Diagnosis
M08.842	Other juvenile arthritis, left hand	ICD-10-CM	Diagnosis
M08.849	Other juvenile arthritis, unspecified hand	ICD-10-CM	Diagnosis
M08.851	Other juvenile arthritis, right hip	ICD-10-CM	Diagnosis
M08.852	Other juvenile arthritis, left hip	ICD-10-CM	Diagnosis
M08.859	Other juvenile arthritis, unspecified hip	ICD-10-CM	Diagnosis
M08.861	Other juvenile arthritis, right knee	ICD-10-CM	Diagnosis
M08.862	Other juvenile arthritis, left knee	ICD-10-CM	Diagnosis
M08.869	Other juvenile arthritis, unspecified knee	ICD-10-CM	Diagnosis
M08.871	Other juvenile arthritis, right ankle and foot	ICD-10-CM	Diagnosis
M08.872	Other juvenile arthritis, left ankle and foot	ICD-10-CM	Diagnosis
M08.879	Other juvenile arthritis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M08.88	Other juvenile arthritis, other specified site	ICD-10-CM	Diagnosis
M08.89	Other juvenile arthritis, multiple sites	ICD-10-CM	Diagnosis
M08.90	Juvenile arthritis, unspecified, unspecified site	ICD-10-CM	Diagnosis
M08.911	Juvenile arthritis, unspecified, right shoulder	ICD-10-CM	Diagnosis
M08.912	Juvenile arthritis, unspecified, left shoulder	ICD-10-CM	Diagnosis
M08.919	Juvenile arthritis, unspecified, unspecified shoulder	ICD-10-CM	Diagnosis
M08.921	Juvenile arthritis, unspecified, right elbow	ICD-10-CM	Diagnosis
M08.922	Juvenile arthritis, unspecified, left elbow	ICD-10-CM	Diagnosis
M08.929	Juvenile arthritis, unspecified, unspecified elbow	ICD-10-CM	Diagnosis
M08.931	Juvenile arthritis, unspecified, right wrist	ICD-10-CM	Diagnosis
M08.932	Juvenile arthritis, unspecified, left wrist	ICD-10-CM	Diagnosis
M08.939	Juvenile arthritis, unspecified, unspecified wrist	ICD-10-CM	Diagnosis
M08.941	Juvenile arthritis, unspecified, right hand	ICD-10-CM	Diagnosis
M08.942	Juvenile arthritis, unspecified, left hand	ICD-10-CM	Diagnosis
M08.949	Juvenile arthritis, unspecified, unspecified hand	ICD-10-CM	Diagnosis
M08.951	Juvenile arthritis, unspecified, right hip	ICD-10-CM	Diagnosis
M08.952	Juvenile arthritis, unspecified, left hip	ICD-10-CM	Diagnosis
M08.959	Juvenile arthritis, unspecified, unspecified hip	ICD-10-CM	Diagnosis
M08.961	Juvenile arthritis, unspecified, right knee	ICD-10-CM	Diagnosis
M08.962	Juvenile arthritis, unspecified, left knee	ICD-10-CM	Diagnosis
M08.969	Juvenile arthritis, unspecified, unspecified knee	ICD-10-CM	Diagnosis
M08.971	Juvenile arthritis, unspecified, right ankle and foot	ICD-10-CM	Diagnosis
M08.972	Juvenile arthritis, unspecified, left ankle and foot	ICD-10-CM	Diagnosis
M08.979	Juvenile arthritis, unspecified, unspecified ankle and foot	ICD-10-CM	Diagnosis
M08.98	Juvenile arthritis, unspecified, vertebrae	ICD-10-CM	Diagnosis
M08.99	Juvenile arthritis, unspecified, multiple sites	ICD-10-CM	Diagnosis
M08.9A	Juvenile arthritis, unspecified, other specified site	ICD-10-CM	Diagnosis
M15.0	Primary generalized (osteo)arthritis	ICD-10-CM	Diagnosis
M15.1	Heberden's nodes (with arthropathy)	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M15.2	Bouchard's nodes (with arthropathy)	ICD-10-CM	Diagnosis
M15.3	Secondary multiple arthritis	ICD-10-CM	Diagnosis
M15.4	Erosive (osteo)arthritis	ICD-10-CM	Diagnosis
M15.8	Other polyosteoarthritis	ICD-10-CM	Diagnosis
M15.9	Polyosteoarthritis, unspecified	ICD-10-CM	Diagnosis
M16.0	Bilateral primary osteoarthritis of hip	ICD-10-CM	Diagnosis
M16.10	Unilateral primary osteoarthritis, unspecified hip	ICD-10-CM	Diagnosis
M16.11	Unilateral primary osteoarthritis, right hip	ICD-10-CM	Diagnosis
M16.12	Unilateral primary osteoarthritis, left hip	ICD-10-CM	Diagnosis
M16.2	Bilateral osteoarthritis resulting from hip dysplasia	ICD-10-CM	Diagnosis
M16.30	Unilateral osteoarthritis resulting from hip dysplasia, unspecified hip	ICD-10-CM	Diagnosis
M16.31	Unilateral osteoarthritis resulting from hip dysplasia, right hip	ICD-10-CM	Diagnosis
M16.32	Unilateral osteoarthritis resulting from hip dysplasia, left hip	ICD-10-CM	Diagnosis
M16.4	Bilateral post-traumatic osteoarthritis of hip	ICD-10-CM	Diagnosis
M16.50	Unilateral post-traumatic osteoarthritis, unspecified hip	ICD-10-CM	Diagnosis
M16.51	Unilateral post-traumatic osteoarthritis, right hip	ICD-10-CM	Diagnosis
M16.52	Unilateral post-traumatic osteoarthritis, left hip	ICD-10-CM	Diagnosis
M16.6	Other bilateral secondary osteoarthritis of hip	ICD-10-CM	Diagnosis
M16.7	Other unilateral secondary osteoarthritis of hip	ICD-10-CM	Diagnosis
M16.9	Osteoarthritis of hip, unspecified	ICD-10-CM	Diagnosis
M17.0	Bilateral primary osteoarthritis of knee	ICD-10-CM	Diagnosis
M17.10	Unilateral primary osteoarthritis, unspecified knee	ICD-10-CM	Diagnosis
M17.11	Unilateral primary osteoarthritis, right knee	ICD-10-CM	Diagnosis
M17.12	Unilateral primary osteoarthritis, left knee	ICD-10-CM	Diagnosis
M17.2	Bilateral post-traumatic osteoarthritis of knee	ICD-10-CM	Diagnosis
M17.30	Unilateral post-traumatic osteoarthritis, unspecified knee	ICD-10-CM	Diagnosis
M17.31	Unilateral post-traumatic osteoarthritis, right knee	ICD-10-CM	Diagnosis
M17.32	Unilateral post-traumatic osteoarthritis, left knee	ICD-10-CM	Diagnosis
M17.4	Other bilateral secondary osteoarthritis of knee	ICD-10-CM	Diagnosis
M17.5	Other unilateral secondary osteoarthritis of knee	ICD-10-CM	Diagnosis
M17.9	Osteoarthritis of knee, unspecified	ICD-10-CM	Diagnosis
M18.0	Bilateral primary osteoarthritis of first carpometacarpal joints	ICD-10-CM	Diagnosis
M18.10	Unilateral primary osteoarthritis of first carpometacarpal joint, unspecified hand	ICD-10-CM	Diagnosis
M18.11	Unilateral primary osteoarthritis of first carpometacarpal joint, right hand	ICD-10-CM	Diagnosis
M18.12	Unilateral primary osteoarthritis of first carpometacarpal joint, left hand	ICD-10-CM	Diagnosis
M18.2	Bilateral post-traumatic osteoarthritis of first carpometacarpal joints	ICD-10-CM	Diagnosis
M18.30	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, unspecified hand	ICD-10-CM	Diagnosis
M18.31	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, right hand	ICD-10-CM	Diagnosis
M18.32	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, left hand	ICD-10-CM	Diagnosis
M18.4	Other bilateral secondary osteoarthritis of first carpometacarpal joints	ICD-10-CM	Diagnosis
M18.50	Other unilateral secondary osteoarthritis of first carpometacarpal joint, unspecified hand	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M18.51	Other unilateral secondary osteoarthritis of first carpometacarpal joint, right hand	ICD-10-CM	Diagnosis
M18.52	Other unilateral secondary osteoarthritis of first carpometacarpal joint, left hand	ICD-10-CM	Diagnosis
M18.9	Osteoarthritis of first carpometacarpal joint, unspecified	ICD-10-CM	Diagnosis
M19.011	Primary osteoarthritis, right shoulder	ICD-10-CM	Diagnosis
M19.012	Primary osteoarthritis, left shoulder	ICD-10-CM	Diagnosis
M19.019	Primary osteoarthritis, unspecified shoulder	ICD-10-CM	Diagnosis
M19.021	Primary osteoarthritis, right elbow	ICD-10-CM	Diagnosis
M19.022	Primary osteoarthritis, left elbow	ICD-10-CM	Diagnosis
M19.029	Primary osteoarthritis, unspecified elbow	ICD-10-CM	Diagnosis
M19.031	Primary osteoarthritis, right wrist	ICD-10-CM	Diagnosis
M19.032	Primary osteoarthritis, left wrist	ICD-10-CM	Diagnosis
M19.039	Primary osteoarthritis, unspecified wrist	ICD-10-CM	Diagnosis
M19.041	Primary osteoarthritis, right hand	ICD-10-CM	Diagnosis
M19.042	Primary osteoarthritis, left hand	ICD-10-CM	Diagnosis
M19.049	Primary osteoarthritis, unspecified hand	ICD-10-CM	Diagnosis
M19.071	Primary osteoarthritis, right ankle and foot	ICD-10-CM	Diagnosis
M19.072	Primary osteoarthritis, left ankle and foot	ICD-10-CM	Diagnosis
M19.079	Primary osteoarthritis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M19.09	Primary osteoarthritis, other specified site	ICD-10-CM	Diagnosis
M19.111	Post-traumatic osteoarthritis, right shoulder	ICD-10-CM	Diagnosis
M19.112	Post-traumatic osteoarthritis, left shoulder	ICD-10-CM	Diagnosis
M19.119	Post-traumatic osteoarthritis, unspecified shoulder	ICD-10-CM	Diagnosis
M19.121	Post-traumatic osteoarthritis, right elbow	ICD-10-CM	Diagnosis
M19.122	Post-traumatic osteoarthritis, left elbow	ICD-10-CM	Diagnosis
M19.129	Post-traumatic osteoarthritis, unspecified elbow	ICD-10-CM	Diagnosis
M19.131	Post-traumatic osteoarthritis, right wrist	ICD-10-CM	Diagnosis
M19.132	Post-traumatic osteoarthritis, left wrist	ICD-10-CM	Diagnosis
M19.139	Post-traumatic osteoarthritis, unspecified wrist	ICD-10-CM	Diagnosis
M19.141	Post-traumatic osteoarthritis, right hand	ICD-10-CM	Diagnosis
M19.142	Post-traumatic osteoarthritis, left hand	ICD-10-CM	Diagnosis
M19.149	Post-traumatic osteoarthritis, unspecified hand	ICD-10-CM	Diagnosis
M19.171	Post-traumatic osteoarthritis, right ankle and foot	ICD-10-CM	Diagnosis
M19.172	Post-traumatic osteoarthritis, left ankle and foot	ICD-10-CM	Diagnosis
M19.179	Post-traumatic osteoarthritis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M19.19	Post-traumatic osteoarthritis, other specified site	ICD-10-CM	Diagnosis
M19.211	Secondary osteoarthritis, right shoulder	ICD-10-CM	Diagnosis
M19.212	Secondary osteoarthritis, left shoulder	ICD-10-CM	Diagnosis
M19.219	Secondary osteoarthritis, unspecified shoulder	ICD-10-CM	Diagnosis
M19.221	Secondary osteoarthritis, right elbow	ICD-10-CM	Diagnosis
M19.222	Secondary osteoarthritis, left elbow	ICD-10-CM	Diagnosis
M19.229	Secondary osteoarthritis, unspecified elbow	ICD-10-CM	Diagnosis
M19.231	Secondary osteoarthritis, right wrist	ICD-10-CM	Diagnosis
M19.232	Secondary osteoarthritis, left wrist	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
M19.239	Secondary osteoarthritis, unspecified wrist	ICD-10-CM	Diagnosis
M19.241	Secondary osteoarthritis, right hand	ICD-10-CM	Diagnosis
M19.242	Secondary osteoarthritis, left hand	ICD-10-CM	Diagnosis
M19.249	Secondary osteoarthritis, unspecified hand	ICD-10-CM	Diagnosis
M19.271	Secondary osteoarthritis, right ankle and foot	ICD-10-CM	Diagnosis
M19.272	Secondary osteoarthritis, left ankle and foot	ICD-10-CM	Diagnosis
M19.279	Secondary osteoarthritis, unspecified ankle and foot	ICD-10-CM	Diagnosis
M19.29	Secondary osteoarthritis, other specified site	ICD-10-CM	Diagnosis
M19.90	Unspecified osteoarthritis, unspecified site	ICD-10-CM	Diagnosis
M19.91	Primary osteoarthritis, unspecified site	ICD-10-CM	Diagnosis
M19.92	Post-traumatic osteoarthritis, unspecified site	ICD-10-CM	Diagnosis
M19.93	Secondary osteoarthritis, unspecified site	ICD-10-CM	Diagnosis
M45.0	Ankylosing spondylitis of multiple sites in spine	ICD-10-CM	Diagnosis
M45.1	Ankylosing spondylitis of occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M45.2	Ankylosing spondylitis of cervical region	ICD-10-CM	Diagnosis
M45.3	Ankylosing spondylitis of cervicothoracic region	ICD-10-CM	Diagnosis
M45.4	Ankylosing spondylitis of thoracic region	ICD-10-CM	Diagnosis
M45.5	Ankylosing spondylitis of thoracolumbar region	ICD-10-CM	Diagnosis
M45.6	Ankylosing spondylitis lumbar region	ICD-10-CM	Diagnosis
M45.7	Ankylosing spondylitis of lumbosacral region	ICD-10-CM	Diagnosis
M45.8	Ankylosing spondylitis sacral and sacrococcygeal region	ICD-10-CM	Diagnosis
M45.9	Ankylosing spondylitis of unspecified sites in spine	ICD-10-CM	Diagnosis
M45.A0	Non-radiographic axial spondyloarthritis of unspecified sites in spine	ICD-10-CM	Diagnosis
M45.A1	Non-radiographic axial spondyloarthritis of occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M45.A2	Non-radiographic axial spondyloarthritis of cervical region	ICD-10-CM	Diagnosis
M45.A3	Non-radiographic axial spondyloarthritis of cervicothoracic region	ICD-10-CM	Diagnosis
M45.A4	Non-radiographic axial spondyloarthritis of thoracic region	ICD-10-CM	Diagnosis
M45.A5	Non-radiographic axial spondyloarthritis of thoracolumbar region	ICD-10-CM	Diagnosis
M45.A6	Non-radiographic axial spondyloarthritis of lumbar region	ICD-10-CM	Diagnosis
M45.A7	Non-radiographic axial spondyloarthritis of lumbosacral region	ICD-10-CM	Diagnosis
M45.A8	Non-radiographic axial spondyloarthritis of sacral and sacrococcygeal region	ICD-10-CM	Diagnosis
M45.AB	Non-radiographic axial spondyloarthritis of multiple sites in spine	ICD-10-CM	Diagnosis
M46.80	Other specified inflammatory spondylopathies, site unspecified	ICD-10-CM	Diagnosis
M46.81	Other specified inflammatory spondylopathies, occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M46.82	Other specified inflammatory spondylopathies, cervical region	ICD-10-CM	Diagnosis
M46.83	Other specified inflammatory spondylopathies, cervicothoracic region	ICD-10-CM	Diagnosis
M46.84	Other specified inflammatory spondylopathies, thoracic region	ICD-10-CM	Diagnosis
M46.85	Other specified inflammatory spondylopathies, thoracolumbar region	ICD-10-CM	Diagnosis
M46.86	Other specified inflammatory spondylopathies, lumbar region	ICD-10-CM	Diagnosis
M46.87	Other specified inflammatory spondylopathies, lumbosacral region	ICD-10-CM	Diagnosis
M46.88	Other specified inflammatory spondylopathies, sacral and sacrococcygeal region	ICD-10-CM	Diagnosis
M46.89	Other specified inflammatory spondylopathies, multiple sites in spine	ICD-10-CM	Diagnosis
M46.90	Unspecified inflammatory spondylopathy, site unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M46.91	Unspecified inflammatory spondylopathy, occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M46.92	Unspecified inflammatory spondylopathy, cervical region	ICD-10-CM	Diagnosis
M46.93	Unspecified inflammatory spondylopathy, cervicothoracic region	ICD-10-CM	Diagnosis
M46.94	Unspecified inflammatory spondylopathy, thoracic region	ICD-10-CM	Diagnosis
M46.95	Unspecified inflammatory spondylopathy, thoracolumbar region	ICD-10-CM	Diagnosis
M46.96	Unspecified inflammatory spondylopathy, lumbar region	ICD-10-CM	Diagnosis
M46.97	Unspecified inflammatory spondylopathy, lumbosacral region	ICD-10-CM	Diagnosis
M46.98	Unspecified inflammatory spondylopathy, sacral and sacrococcygeal region	ICD-10-CM	Diagnosis
M46.99	Unspecified inflammatory spondylopathy, multiple sites in spine	ICD-10-CM	Diagnosis
M47.011	Anterior spinal artery compression syndromes, occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M47.012	Anterior spinal artery compression syndromes, cervical region	ICD-10-CM	Diagnosis
M47.013	Anterior spinal artery compression syndromes, cervicothoracic region	ICD-10-CM	Diagnosis
M47.014	Anterior spinal artery compression syndromes, thoracic region	ICD-10-CM	Diagnosis
M47.015	Anterior spinal artery compression syndromes, thoracolumbar region	ICD-10-CM	Diagnosis
M47.016	Anterior spinal artery compression syndromes, lumbar region	ICD-10-CM	Diagnosis
M47.019	Anterior spinal artery compression syndromes, site unspecified	ICD-10-CM	Diagnosis
M47.021	Vertebral artery compression syndromes, occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M47.022	Vertebral artery compression syndromes, cervical region	ICD-10-CM	Diagnosis
M47.029	Vertebral artery compression syndromes, site unspecified	ICD-10-CM	Diagnosis
M47.10	Other spondylosis with myelopathy, site unspecified	ICD-10-CM	Diagnosis
M47.11	Other spondylosis with myelopathy, occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M47.12	Other spondylosis with myelopathy, cervical region	ICD-10-CM	Diagnosis
M47.13	Other spondylosis with myelopathy, cervicothoracic region	ICD-10-CM	Diagnosis
M47.14	Other spondylosis with myelopathy, thoracic region	ICD-10-CM	Diagnosis
M47.15	Other spondylosis with myelopathy, thoracolumbar region	ICD-10-CM	Diagnosis
M47.16	Other spondylosis with myelopathy, lumbar region	ICD-10-CM	Diagnosis
M47.20	Other spondylosis with radiculopathy, site unspecified	ICD-10-CM	Diagnosis
M47.21	Other spondylosis with radiculopathy, occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M47.22	Other spondylosis with radiculopathy, cervical region	ICD-10-CM	Diagnosis
M47.23	Other spondylosis with radiculopathy, cervicothoracic region	ICD-10-CM	Diagnosis
M47.24	Other spondylosis with radiculopathy, thoracic region	ICD-10-CM	Diagnosis
M47.25	Other spondylosis with radiculopathy, thoracolumbar region	ICD-10-CM	Diagnosis
M47.26	Other spondylosis with radiculopathy, lumbar region	ICD-10-CM	Diagnosis
M47.27	Other spondylosis with radiculopathy, lumbosacral region	ICD-10-CM	Diagnosis
M47.28	Other spondylosis with radiculopathy, sacral and sacrococcygeal region	ICD-10-CM	Diagnosis
M47.811	Spondylosis without myelopathy or radiculopathy, occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M47.812	Spondylosis without myelopathy or radiculopathy, cervical region	ICD-10-CM	Diagnosis
M47.813	Spondylosis without myelopathy or radiculopathy, cervicothoracic region	ICD-10-CM	Diagnosis
M47.814	Spondylosis without myelopathy or radiculopathy, thoracic region	ICD-10-CM	Diagnosis
M47.815	Spondylosis without myelopathy or radiculopathy, thoracolumbar region	ICD-10-CM	Diagnosis
M47.816	Spondylosis without myelopathy or radiculopathy, lumbar region	ICD-10-CM	Diagnosis
M47.817	Spondylosis without myelopathy or radiculopathy, lumbosacral region	ICD-10-CM	Diagnosis
M47.818	Spondylosis without myelopathy or radiculopathy, sacral and sacrococcygeal region	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
M47.819	Spondylosis without myelopathy or radiculopathy, site unspecified	ICD-10-CM	Diagnosis
M47.891	Other spondylosis, occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M47.892	Other spondylosis, cervical region	ICD-10-CM	Diagnosis
M47.893	Other spondylosis, cervicothoracic region	ICD-10-CM	Diagnosis
M47.894	Other spondylosis, thoracic region	ICD-10-CM	Diagnosis
M47.895	Other spondylosis, thoracolumbar region	ICD-10-CM	Diagnosis
M47.896	Other spondylosis, lumbar region	ICD-10-CM	Diagnosis
M47.897	Other spondylosis, lumbosacral region	ICD-10-CM	Diagnosis
M47.898	Other spondylosis, sacral and sacrococcygeal region	ICD-10-CM	Diagnosis
M47.899	Other spondylosis, site unspecified	ICD-10-CM	Diagnosis
M47.9	Spondylosis, unspecified	ICD-10-CM	Diagnosis
M48.8X1	Other specified spondylopathies, occipito-atlanto-axial region	ICD-10-CM	Diagnosis
M48.8X2	Other specified spondylopathies, cervical region	ICD-10-CM	Diagnosis
M48.8X3	Other specified spondylopathies, cervicothoracic region	ICD-10-CM	Diagnosis
M48.8X4	Other specified spondylopathies, thoracic region	ICD-10-CM	Diagnosis
M48.8X5	Other specified spondylopathies, thoracolumbar region	ICD-10-CM	Diagnosis
M48.8X6	Other specified spondylopathies, lumbar region	ICD-10-CM	Diagnosis
M48.8X7	Other specified spondylopathies, lumbosacral region	ICD-10-CM	Diagnosis
M48.8X8	Other specified spondylopathies, sacral and sacrococcygeal region	ICD-10-CM	Diagnosis
M48.8X9	Other specified spondylopathies, site unspecified	ICD-10-CM	Diagnosis
Schizophrenia and Other Psychotic Disorders			
F06.0	Psychotic disorder with hallucinations due to known physiological condition	ICD-10-CM	Diagnosis
F06.2	Psychotic disorder with delusions due to known physiological condition	ICD-10-CM	Diagnosis
F20.0	Paranoid schizophrenia	ICD-10-CM	Diagnosis
F20.1	Disorganized schizophrenia	ICD-10-CM	Diagnosis
F20.2	Catatonic schizophrenia	ICD-10-CM	Diagnosis
F20.3	Undifferentiated schizophrenia	ICD-10-CM	Diagnosis
F20.5	Residual schizophrenia	ICD-10-CM	Diagnosis
F20.81	Schizophreniform disorder	ICD-10-CM	Diagnosis
F20.89	Other schizophrenia	ICD-10-CM	Diagnosis
F20.9	Schizophrenia, unspecified	ICD-10-CM	Diagnosis
F21	Schizotypal disorder	ICD-10-CM	Diagnosis
F22	Delusional disorders	ICD-10-CM	Diagnosis
F23	Brief psychotic disorder	ICD-10-CM	Diagnosis
F24	Shared psychotic disorder	ICD-10-CM	Diagnosis
F25.0	Schizoaffective disorder, bipolar type	ICD-10-CM	Diagnosis
F25.1	Schizoaffective disorder, depressive type	ICD-10-CM	Diagnosis
F25.8	Other schizoaffective disorders	ICD-10-CM	Diagnosis
F25.9	Schizoaffective disorder, unspecified	ICD-10-CM	Diagnosis
F28	Other psychotic disorder not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F29	Unspecified psychosis not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F32.3	Major depressive disorder, single episode, severe with psychotic features	ICD-10-CM	Diagnosis
F33.3	Major depressive disorder, recurrent, severe with psychotic symptoms	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F44.89	Other dissociative and conversion disorders	ICD-10-CM	Diagnosis
Tobacco Use			
T65.224A	Toxic effect of tobacco cigarettes, undetermined, initial encounter	ICD-10-CM	Diagnosis
T65.222A	Toxic effect of tobacco cigarettes, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T65.223A	Toxic effect of tobacco cigarettes, assault, initial encounter	ICD-10-CM	Diagnosis
T65.221A	Toxic effect of tobacco cigarettes, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T65.294A	Toxic effect of other tobacco and nicotine, undetermined, initial encounter	ICD-10-CM	Diagnosis
T65.292A	Toxic effect of other tobacco and nicotine, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T65.293A	Toxic effect of other tobacco and nicotine, assault, initial encounter	ICD-10-CM	Diagnosis
T65.291A	Toxic effect of other tobacco and nicotine, accidental (unintentional), initial	ICD-10-CM	Diagnosis
T65.214A	Toxic effect of chewing tobacco, undetermined, initial encounter	ICD-10-CM	Diagnosis
T65.212A	Toxic effect of chewing tobacco, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T65.213A	Toxic effect of chewing tobacco, assault, initial encounter	ICD-10-CM	Diagnosis
T65.211A	Toxic effect of chewing tobacco, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
Z72.0	Tobacco use	ICD-10-CM	Diagnosis
O99.335	Smoking (tobacco) complicating the puerperium	ICD-10-CM	Diagnosis
O99.330	Smoking (tobacco) complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O99.333	Smoking (tobacco) complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O99.332	Smoking (tobacco) complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O99.331	Smoking (tobacco) complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O99.334	Smoking (tobacco) complicating childbirth	ICD-10-CM	Diagnosis
F17.209	Nicotine dependence, unspecified, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.208	Nicotine dependence, unspecified, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.200	Nicotine dependence, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F17.201	Nicotine dependence, unspecified, in remission	ICD-10-CM	Diagnosis
F17.293	Nicotine dependence, other tobacco product, with withdrawal	ICD-10-CM	Diagnosis
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.290	Nicotine dependence, other tobacco product, uncomplicated	ICD-10-CM	Diagnosis
F17.291	Nicotine dependence, other tobacco product, in remission	ICD-10-CM	Diagnosis
F17.213	Nicotine dependence, cigarettes, with withdrawal	ICD-10-CM	Diagnosis
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.210	Nicotine dependence, cigarettes, uncomplicated	ICD-10-CM	Diagnosis
F17.211	Nicotine dependence, cigarettes, in remission	ICD-10-CM	Diagnosis
F17.223	Nicotine dependence, chewing tobacco, with withdrawal	ICD-10-CM	Diagnosis
F17.229	Nicotine dependence, chewing tobacco, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.228	Nicotine dependence, chewing tobacco, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.220	Nicotine dependence, chewing tobacco, uncomplicated	ICD-10-CM	Diagnosis
F17.221	Nicotine dependence, chewing tobacco, in remission	ICD-10-CM	Diagnosis
F17.203	Nicotine dependence unspecified, with withdrawal	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Type 1 Diabetes			
E10.9	Type 1 diabetes mellitus without complications	ICD-10-CM	Diagnosis
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E10.8	Type 1 diabetes mellitus with unspecified complications	ICD-10-CM	Diagnosis
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E10.349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E10.341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E10.359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E10.351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E10.630	Type 1 diabetes mellitus with periodontal disease	ICD-10-CM	Diagnosis
E10.69	Type 1 diabetes mellitus with other specified complication	ICD-10-CM	Diagnosis
E10.622	Type 1 diabetes mellitus with other skin ulcer	ICD-10-CM	Diagnosis
E10.628	Type 1 diabetes mellitus with other skin complications	ICD-10-CM	Diagnosis
E10.638	Type 1 diabetes mellitus with other oral complications	ICD-10-CM	Diagnosis
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication	ICD-10-CM	Diagnosis
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	ICD-10-CM	Diagnosis
E10.59	Type 1 diabetes mellitus with other circulatory complications	ICD-10-CM	Diagnosis
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E10.339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E10.331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E10.3299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E10.329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E10.321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	ICD-10-CM	Diagnosis
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	ICD-10-CM	Diagnosis
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	ICD-10-CM	Diagnosis
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	ICD-10-CM	Diagnosis
E10.65	Type 1 diabetes mellitus with hyperglycemia	ICD-10-CM	Diagnosis
E10.621	Type 1 diabetes mellitus with foot ulcer	ICD-10-CM	Diagnosis
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM	Diagnosis
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM	Diagnosis
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM	Diagnosis
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM	Diagnosis
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	ICD-10-CM	Diagnosis
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E10.36	Type 1 diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy	ICD-10-CM	Diagnosis
E10.3521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	ICD-10-CM	Diagnosis
E10.3522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	ICD-10-CM	Diagnosis
E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	ICD-10-CM	Diagnosis
E10.3529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	ICD-10-CM	Diagnosis
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	ICD-10-CM	Diagnosis
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	ICD-10-CM	Diagnosis
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	ICD-10-CM	Diagnosis
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	ICD-10-CM	Diagnosis
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified	ICD-10-CM	Diagnosis
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM	Diagnosis
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
Vasculitis			
I73.1	Thromboangiitis obliterans [Buerger's disease]	ICD-10-CM	Diagnosis
M30.0	Polyarteritis nodosa	ICD-10-CM	Diagnosis
M30.1	Polyarteritis with lung involvement [Churg-Strauss]	ICD-10-CM	Diagnosis
M30.2	Juvenile polyarteritis	ICD-10-CM	Diagnosis
M30.3	Mucocutaneous lymph node syndrome [Kawasaki]	ICD-10-CM	Diagnosis
M30.8	Other conditions related to polyarteritis nodosa	ICD-10-CM	Diagnosis
M31.0	Hypersensitivity angiitis	ICD-10-CM	Diagnosis
M31.1	Thrombotic microangiopathy	ICD-10-CM	Diagnosis
M31.2	Lethal midline granuloma	ICD-10-CM	Diagnosis
M31.30	Wegener's granulomatosis without renal involvement	ICD-10-CM	Diagnosis
M31.31	Wegener's granulomatosis with renal involvement	ICD-10-CM	Diagnosis
M31.4	Aortic arch syndrome [Takayasu]	ICD-10-CM	Diagnosis
M31.5	Giant cell arteritis with polymyalgia rheumatica	ICD-10-CM	Diagnosis
M31.6	Other giant cell arteritis	ICD-10-CM	Diagnosis
M31.7	Microscopic polyangiitis	ICD-10-CM	Diagnosis
M35.2	Behcet's disease	ICD-10-CM	Diagnosis
Weight Loss			
E40	Kwashiorkor	ICD-10-CM	Diagnosis
E41	Nutritional marasmus	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
E42	Marasmic kwashiorkor	ICD-10-CM	Diagnosis
E43	Unspecified severe protein-calorie malnutrition	ICD-10-CM	Diagnosis
E44.0	Moderate protein-calorie malnutrition	ICD-10-CM	Diagnosis
E44.1	Mild protein-calorie malnutrition	ICD-10-CM	Diagnosis
E45	Retarded development following protein-calorie malnutrition	ICD-10-CM	Diagnosis
E46	Unspecified protein-calorie malnutrition	ICD-10-CM	Diagnosis
E64.0	Sequelae of protein-calorie malnutrition	ICD-10-CM	Diagnosis
Mammogram			
Z12.31	Encounter for screening mammogram for malignant neoplasm of breast	ICD-10-CM	Diagnosis
Z12.39	Encounter for other screening for malignant neoplasm of breast	ICD-10-CM	Diagnosis
76082	Computer aided detection (computer algorithm analysis of digital image data for lesion detection) with further physician review for interpretation, with or without digitization of film radiographic images; diagnostic mammography (List separately in addition to code for primary procedure)	CPT-4	Procedure
76083	Computer aided detection (computer algorithm analysis of digital image data for lesion detection) with further physician review for interpretation, with or without digitization of film radiographic images; screening mammography (List separately in addition to code for primary procedure)	CPT-4	Procedure
76085	Digitization of film radiographic images with computer analysis for lesion detection and further physician review for interpretation, mammography (List separately in addition to code for primary procedure)	CPT-4	Procedure
76090	Mammography; unilateral	CPT-4	Procedure
76091	Mammography; bilateral	CPT-4	Procedure
76092	Screening mammography, bilateral (two view film study of each breast)	CPT-4	Procedure
77051	Computer-aided detection (computer algorithm analysis of digital image data for lesion detection) with further review for interpretation, with or without digitization of film radiographic images; diagnostic mammography (List separately in addition to code for primary procedure)	CPT-4	Procedure
77052	Computer-aided detection (computer algorithm analysis of digital image data for lesion detection) with further review for interpretation, with or without digitization of film radiographic images; screening mammography (List separately in addition to code for primary procedure)	CPT-4	Procedure
77055	Mammography; unilateral	CPT-4	Procedure
77056	Mammography; bilateral	CPT-4	Procedure
77057	Screening mammography, bilateral (2-view study of each breast)	CPT-4	Procedure
G0202	Screening mammography, bilateral (2-view study of each breast), including computer-aided detection (CAD) when performed	HCPCS	Procedure
G0204	Diagnostic mammography, including computer-aided detection (CAD) when performed; bilateral	HCPCS	Procedure
G0206	Diagnostic mammography, including computer-aided detection (CAD) when performed; unilateral	HCPCS	Procedure
G0207	Diagnostic mammography, film processed to produce digital image analyzed for potential abnormalities, unilateral, all views	HCPCS	Procedure

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Code	Description	Code Type	Code Category
G0236	Digitization of film radiographic images with computer analysis for lesion detection, or computer analysis of digital mammogram for lesion detection, and further physician review for interpretation, diagnostic mammography (list separately in addition to code for primary procedure)	HCPCS	Procedure
R92	Abnormal and inconclusive findings on diagnostic imaging of breast	ICD-10-CM	Diagnosis
R92.0	Mammographic microcalcification found on diagnostic imaging of breast	ICD-10-CM	Diagnosis
R92.1	Mammographic calcification found on diagnostic imaging of breast	ICD-10-CM	Diagnosis
R92.2	Inconclusive mammogram	ICD-10-CM	Diagnosis
R92.3	Mammographic density found on imaging of breast	ICD-10-CM	Diagnosis
R92.30	Dense breasts, unspecified	ICD-10-CM	Diagnosis
R92.31	Mammographic fatty tissue density of breast	ICD-10-CM	Diagnosis
R92.311	Mammographic fatty tissue density, right breast	ICD-10-CM	Diagnosis
R92.312	Mammographic fatty tissue density, left breast	ICD-10-CM	Diagnosis
R92.313	Mammographic fatty tissue density, bilateral breasts	ICD-10-CM	Diagnosis
R92.32	Mammographic fibroglandular density of breast	ICD-10-CM	Diagnosis
R92.321	Mammographic fibroglandular density, right breast	ICD-10-CM	Diagnosis
R92.322	Mammographic fibroglandular density, left breast	ICD-10-CM	Diagnosis
R92.323	Mammographic fibroglandular density, bilateral breasts	ICD-10-CM	Diagnosis
R92.33	Mammographic heterogeneous density of breast	ICD-10-CM	Diagnosis
R92.331	Mammographic heterogeneous density, right breast	ICD-10-CM	Diagnosis
R92.332	Mammographic heterogeneous density, left breast	ICD-10-CM	Diagnosis
R92.333	Mammographic heterogeneous density, bilateral breasts	ICD-10-CM	Diagnosis
R92.34	Mammographic extreme density of breast	ICD-10-CM	Diagnosis
R92.341	Mammographic extreme density, right breast	ICD-10-CM	Diagnosis
R92.342	Mammographic extreme density, left breast	ICD-10-CM	Diagnosis
R92.343	Mammographic extreme density, bilateral breasts	ICD-10-CM	Diagnosis
Colonoscopy			
45330	Sigmoidoscopy, flexible; diagnostic, with or without collection of specimen(s) by brushing or washing (separate procedure)	CPT-4	Procedure
45331	Sigmoidoscopy, flexible; with biopsy, single or multiple	CPT-4	Procedure
45332	Sigmoidoscopy, flexible; with removal of foreign body	CPT-4	Procedure
45333	Sigmoidoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps	CPT-4	Procedure
45334	Sigmoidoscopy, flexible; with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)	CPT-4	Procedure
45335	Sigmoidoscopy, flexible; with directed submucosal injection(s), any substance	CPT-4	Procedure
45337	Sigmoidoscopy, flexible; with decompression (for pathologic distention) (eg, volvulus, megacolon), including placement of decompression tube, when performed	CPT-4	Procedure
45338	Sigmoidoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique	CPT-4	Procedure
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	CPT-4	Procedure
45340	Sigmoidoscopy, flexible; with transendoscopic balloon dilation	CPT-4	Procedure

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Code	Description	Code Type	Code Category
45341	Sigmoidoscopy, flexible; with endoscopic ultrasound examination	CPT-4	Procedure
45342	Sigmoidoscopy, flexible; with transendoscopic ultrasound guided intramural or transmural fine needle aspiration/biopsy(s)	CPT-4	Procedure
45345	Sigmoidoscopy, flexible; with transendoscopic stent placement (includes predilation)	CPT-4	Procedure
45378	Colonoscopy, flexible; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)	CPT-4	Procedure
45379	Colonoscopy, flexible; with removal of foreign body(s)	CPT-4	Procedure
45380	Colonoscopy, flexible; with biopsy, single or multiple	CPT-4	Procedure
45381	Colonoscopy, flexible; with directed submucosal injection(s), any substance	CPT-4	Procedure
45382	Colonoscopy, flexible; with control of bleeding, any method	CPT-4	Procedure
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	CPT-4	Procedure
45384	Colonoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps	CPT-4	Procedure
45385	Colonoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique	CPT-4	Procedure
45386	Colonoscopy, flexible; with transendoscopic balloon dilation	CPT-4	Procedure
45387	Colonoscopy, flexible, proximal to splenic flexure; with transendoscopic stent placement (includes predilation)	CPT-4	Procedure
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)	CPT-4	Procedure
45389	Colonoscopy, flexible; with endoscopic stent placement (includes pre- and post-dilation and guide wire passage, when performed)	CPT-4	Procedure
45390	Colonoscopy, flexible; with endoscopic mucosal resection	CPT-4	Procedure
45391	Colonoscopy, flexible; with endoscopic ultrasound examination limited to the rectum, sigmoid, descending, transverse, or ascending colon and cecum, and adjacent structures	CPT-4	Procedure
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	CPT-4	Procedure
G0104	Colorectal cancer screening; flexible sigmoidoscopy	HCPCS	Procedure
G0105	Colorectal cancer screening; colonoscopy on individual at high risk	HCPCS	Procedure
G0121	Colorectal cancer screening; colonoscopy on individual not meeting criteria for high risk	HCPCS	Procedure
Z12.10	Encounter for screening for malignant neoplasm of intestinal tract, unspecified	ICD-10-CM	Diagnosis
Z12.11	Encounter for screening for malignant neoplasm of colon	ICD-10-CM	Diagnosis
Z12.12	Encounter for screening for malignant neoplasm of rectum	ICD-10-CM	Diagnosis
Z12.13	Encounter for screening for malignant neoplasm of small intestine	ICD-10-CM	Diagnosis
Pap Smear			
Z01.42	Encounter for cervical smear to confirm findings of recent normal smear following initial abnormal smear	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Z12.4	Encounter for screening for malignant neoplasm of cervix	ICD-10-CM	Diagnosis
88141	Cytopathology, cervical or vaginal (any reporting system), requiring interpretation by physician	CPT-4	Procedure
88142	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation; manual screening under physician supervision	CPT-4	Procedure
88143	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation; with manual screening and rescreening under physician supervision	CPT-4	Procedure
88144	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation; with manual screening and computer-assisted rescreening under physician supervision	CPT-4	Procedure
88145	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation; with manual screening and computer-assisted rescreening using cell selection and review under physician supervision	CPT-4	Procedure
88147	Cytopathology smears, cervical or vaginal; screening by automated system under physician supervision	CPT-4	Procedure
88148	Cytopathology smears, cervical or vaginal; screening by automated system with manual rescreening under physician supervision	CPT-4	Procedure
88150	CYTPTH SMEARS CERV/VAG 1-3; SCR N TECH PHYS SUPER	CPT-4	Procedure
88151	CYTOPATH SMEARS CERV/VAG 1-3; REQ PHYS INTERPT	CPT-4	Procedure
88152	Cytopathology, slides, cervical or vaginal; with manual screening and computer-assisted rescreening under physician supervision	CPT-4	Procedure
88153	Cytopathology, slides, cervical or vaginal; with manual screening and rescreening under physician supervision	CPT-4	Procedure
88154	Cytopathology, slides, cervical or vaginal; with manual screening and computer-assisted rescreening using cell selection and review under physician supervision	CPT-4	Procedure
88155	CYTOPATH SMEARS CERV/VAG 1-3; W/DEF HORMONL EVAL	CPT-4	Procedure
88164	Cytopathology, slides, cervical or vaginal (the Bethesda System); manual screening under physician supervision	CPT-4	Procedure
88165	Cytopathology, slides, cervical or vaginal (the Bethesda System); with manual screening and rescreening under physician supervision	CPT-4	Procedure
88166	Cytopathology, slides, cervical or vaginal (the Bethesda System); with manual screening and computer-assisted rescreening under physician supervision	CPT-4	Procedure
88167	Cytopathology, slides, cervical or vaginal (the Bethesda System); with manual screening and computer-assisted rescreening using cell selection and review under physician supervision	CPT-4	Procedure
88174	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation; screening by automated system, under physician supervision	CPT-4	Procedure
88175	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation; with screening by automated system and manual rescreening or review, under physician supervision	CPT-4	Procedure

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Code	Description	Code Type	Code Category
G0101	Cervical or vaginal cancer screening; pelvic and clinical breast examination	HCPCS	Procedure
G0123	Screening cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation, screening by cytotechnologist under physician supervision	HCPCS	Procedure
G0124	Screening cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation, requiring interpretation by physician	HCPCS	Procedure
G0141	Screening cytopathology smears, cervical or vaginal, performed by automated system, with manual rescreening, requiring interpretation by physician	HCPCS	Procedure
G0143	Screening cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation, with manual screening and rescreening by cytotechnologist under physician supervision	HCPCS	Procedure
G0144	Screening cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation, with screening by automated system, under physician supervision	HCPCS	Procedure
G0145	Screening cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation, with screening by automated system and manual rescreening under physician supervision	HCPCS	Procedure
P3000	Screening Papanicolaou smear, cervical or vaginal, up to three smears, by technician under physician supervision	HCPCS	Procedure
P3001	Screening Papanicolaou smear, cervical or vaginal, up to three smears, requiring interpretation by physician	HCPCS	Procedure
Q0091	Screening Papanicolaou smear; obtaining, preparing and conveyance of cervical or vaginal smear to laboratory	HCPCS	Procedure
Z12.4	Encounter for screening for malignant neoplasm of cervix	ICD-10-CM	Diagnosis
Z12.72	Encounter for screening for malignant neoplasm of vagina	ICD-10-CM	Diagnosis
Prostate-Specific Antigen (PSA) Test			
84152	Prostate specific antigen (PSA); complexed (direct measurement)	CPT-4	Procedure
84153	Prostate specific antigen (PSA); total	CPT-4	Procedure
84154	Prostate specific antigen (PSA); free	CPT-4	Procedure
86316	Immunoassay for tumor antigen, other antigen, quantitative (eg, CA 50, 72-4, 549), each	CPT-4	Procedure
G0103	Prostate cancer screening; prostate specific antigen test (PSA)	HCPCS	Procedure
Z12.5	Encounter for screening for malignant neoplasm of prostate	ICD-10-CM	Diagnosis
Insulin			
80422	Glucagon tolerance panel; for insulinoma This panel must include the following: Glucose (82947 x 3) Insulin (83525 x 3)	HCPCS	Procedure
91052	Gastric analysis test with injection of stimulant of gastric secretion (eg, histamine, insulin, pentagastrin, calcium and secretin)	HCPCS	Procedure
J1815	Injection, insulin, per 5 units	HCPCS	Procedure
J1817	Insulin for administration through DME (i.e., insulin pump) per 50 units	HCPCS	Procedure
J1820	Injection, insulin, up to 100 units	HCPCS	Procedure
K0548	Injection, insulin lispro, up to 50 units	HCPCS	Procedure

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Code	Description	Code Type	Code Category
S5550	Insulin, rapid onset, 5 units	HCPCS	Procedure
S5551	Insulin, most rapid onset (Lispro or Aspart); 5 units	HCPCS	Procedure
S5552	Insulin, intermediate acting (NPH or LENTE); 5 units	HCPCS	Procedure
S5553	Insulin, long acting; 5 units	HCPCS	Procedure
S5560	Insulin delivery device, reusable pen; 1.5 ml size	HCPCS	Procedure
S5561	Insulin delivery device, reusable pen; 3 ml size	HCPCS	Procedure
S5565	Insulin cartridge for use in insulin delivery device other than pump; 150 units	HCPCS	Procedure
S5566	Insulin cartridge for use in insulin delivery device other than pump; 300 units	HCPCS	Procedure
S5570	Insulin delivery device, disposable pen (including insulin); 1.5 ml size	HCPCS	Procedure
S5571	Insulin delivery device, disposable pen (including insulin); 3 ml size	HCPCS	Procedure
G9147	Outpatient Intravenous Insulin Treatment (OIVIT) either pulsatile or continuous, by any means, guided by the results of measurements for: respiratory quotient; and/or, urine urea nitrogen (UUN); and/or, arterial, venous or capillary glucose; and/or potassium concentration	HCPCS	Procedure
3E060VG	Introduction of Insulin into Central Artery, Open Approach	ICD-10-PCS	Procedure
3E063VG	Introduction of Insulin into Central Artery, Percutaneous Approach	ICD-10-PCS	Procedure
3E040VG	Introduction of Insulin into Central Vein, Open Approach	ICD-10-PCS	Procedure
3E043VG	Introduction of Insulin into Central Vein, Percutaneous Approach	ICD-10-PCS	Procedure
3E050VG	Introduction of Insulin into Peripheral Artery, Open Approach	ICD-10-PCS	Procedure
3E053VG	Introduction of Insulin into Peripheral Artery, Percutaneous Approach	ICD-10-PCS	Procedure
3E030VG	Introduction of Insulin into Peripheral Vein, Open Approach	ICD-10-PCS	Procedure
3E033VG	Introduction of Insulin into Peripheral Vein, Percutaneous Approach	ICD-10-PCS	Procedure
3E013VG	Introduction of Insulin into Subcutaneous Tissue, Percutaneous Approach	ICD-10-PCS	Procedure

Appendix F. Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Ozempic	
semaglutide	Ozempic
Wegovy	
semaglutide	Wegovy
Gout Medications	
colchicine	colchicine
colchicine	Colcrys
colchicine	colchicine (bulk)
colchicine	Mitigare
colchicine	Gloperba
probenecid/colchicine	probenecid-colchicine
pegloticase	Krystexxa
lesinurad	Zurampic
probenecid	probenecid
febuxostat	febuxostat
allopurinol sodium	allopurinol sodium
allopurinol	allopurinol
febuxostat	Uloric
allopurinol	allopurinol (bulk)
allopurinol	Zyloprim
allopurinol sodium	Aloprim
lesinurad/allopurinol	Duzallo
Oxicam Anti-Inflammatory Drugs	
bupivacaine/meloxicam	Zynrelef
meloxicam	meloxicam
piroxicam	Feldene
piroxicam	piroxicam
meloxicam	meloxicam (bulk)
piroxicam	piroxicam (bulk)
meloxicam	Mobic
meloxicam, submicronized	Vivlodex
meloxicam/irritants counter-irritants combination no.2	Comfort Pac-Meloxicam
meloxicam, submicronized	meloxicam submicronized
meloxicam	Qmiiz ODT
meloxicam	Anjeso
Sertraline	
sertraline HCl	Zoloft
sertraline HCl	sertraline
sertraline HCl	sertraline (bulk)
Sulfa Antibiotics	
silver sulfadiazine	silver sulfadiazine
silver sulfadiazine	SSD
silver sulfadiazine	Silvadene
silver sulfadiazine	silver sulfadiazine (bulk)
silver sulfadiazine	Thermazene
trimethoprim	trimethoprim
sulfamethoxazole/trimethoprim	sulfamethoxazole-trimethoprim
sulfamethoxazole/trimethoprim	Sulfatrim

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Generic Name	Brand Name
sulfadiazine	sulfadiazine
sulfamethoxazole/trimethoprim	Bactrim
sulfamethoxazole/trimethoprim	Bactrim DS
trimethoprim	Primsol
trimethoprim	trimethoprim (bulk)
sulfadiazine	sulfadiazine (bulk)
sulfadiazine sodium	sulfadiazine sodium (bulk)
trimethoprim, micronized	trimethoprim, micro (bulk)
sulfisoxazole	sulfisoxazole (bulk)
trimethoprim	Trimplex
polymyxin B sulfate/trimethoprim	Polytrim
polymyxin B sulfate/trimethoprim	polymyxin B sulf-trimethoprim
silver sulfadiazine/foam bandage	Allevyn Ag Adhesive
silver sulfadiazine/foam bandage	Allevyn Ag
silver sulfadiazine/foam bandage	Allevyn Ag Gentle Dressing
Insulin	
insulin aspart	Novolog U-100 Insulin aspart
insulin aspart	Novolog FlexPen U-100 Insulin
insulin aspart	Novolog PenFill U-100 Insulin
insulin aspart	insulin aspart U-100
insulin aspart (niacinamide)	Fiasp U-100 Insulin
insulin aspart (niacinamide)	Fiasp FlexTouch U-100 Insulin
insulin aspart (niacinamide)	Fiasp Penfill U-100 Insulin
insulin aspart (niacinamide)/pump cartridge	Fiasp Pumpcart
insulin aspart protamine human/insulin aspart	Novolog Mix 70-30 U-100 Insulin
insulin aspart protamine human/insulin aspart	Novolog Mix 70-30FlexPen U-100
insulin aspart protamine human/insulin aspart	insulin asp prt-insulin aspart
insulin degludec	Tresiba FlexTouch U-200
insulin degludec	Tresiba FlexTouch U-100
insulin degludec	Tresiba U-100 Insulin
insulin degludec	insulin degludec
insulin detemir	Levemir U-100 Insulin
insulin detemir	Levemir FlexPen
insulin detemir	Levemir FlexTouch U100 Insulin
insulin glargine-aglr	Rezvoglar KwikPen
insulin glargine-yfgn	Semglee(insulin glargine-yfgn)
insulin glargine-yfgn	Semglee(insulin larg-yfgn)Pen
insulin glargine-yfgn	insulin glargine-yfgn
insulin glargine,human recombinant analog	Basaglar KwikPen U-100 Insulin
insulin glargine,human recombinant analog	Basaglar Tempo Pen(U-100)Insln
insulin glargine,human recombinant analog	Toujeo SoloStar U-300 Insulin
insulin glargine,human recombinant analog	Toujeo Max U-300 SoloStar
insulin glargine,human recombinant analog	Lantus Solostar U-100 Insulin
insulin glargine,human recombinant analog	Lantus U-100 Insulin
insulin glargine,human recombinant analog	insulin glargine
insulin glargine,human recombinant analog	insulin glargine U-300 conc
insulin glargine,human recombinant analog	Semglee U-100 Insulin
insulin glargine,human recombinant analog	Semglee Pen U-100 Insulin

Appendix F. Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
insulin glulisine	Apidra U-100 Insulin
insulin glulisine	Apidra SoloStar U-100 Insulin
insulin lispro	Humalog U-100 Insulin
insulin lispro	Humalog KwikPen Insulin
insulin lispro	Humalog Junior KwikPen U-100
insulin lispro	insulin lispro
insulin lispro	Humalog Tempo Pen(U-100)Insuln
insulin lispro	Admelog U-100 Insulin lispro
insulin lispro	Admelog SoloStar U-100 Insulin
insulin lispro-aabc	Lyumjev U-100 Insulin
insulin lispro-aabc	Lyumjev KwikPen U-100 Insulin
insulin lispro-aabc	Lyumjev KwikPen U-200 Insulin
insulin lispro-aabc	Lyumjev Tempo Pen(U-100)Insuln
insulin lispro protamine and insulin lispro	Humalog Mix 75-25(U-100)Insuln
insulin lispro protamine and insulin lispro	Humalog Mix 50-50 Insuln U-100
insulin lispro protamine and insulin lispro	insulin lispro protamin-lispro
insulin lispro protamine and insulin lispro	Humalog Mix 75-25 KwikPen
insulin lispro protamine and insulin lispro	Humalog Mix 50-50 KwikPen
insulin NPH human isophane	Humulin N NPH U-100 Insulin
insulin NPH human isophane	Humulin N NPH Insulin KwikPen
insulin NPH human isophane	Novolin N NPH U-100 Insulin
insulin NPH human isophane	Novolin N FlexPen
insulin NPH human isophane/insulin regular, human	Humulin 70/30 U-100 Insulin
insulin NPH human isophane/insulin regular, human	Humulin 70/30 U-100 KwikPen
insulin NPH human isophane/insulin regular, human	Novolin 70/30 U-100 Insulin
insulin NPH human isophane/insulin regular, human	Novolin 70-30 FlexPen U-100
insulin regular, human	Humulin R Regular U-100 Insulin
insulin regular, human	Humulin R U-500 (Conc) Insulin
insulin regular, human	Humulin R U-500 (Conc) Kwikpen
insulin regular, human	Afrezza
insulin regular, human	Novolin R Regular U100 Insulin
insulin regular, human	Novolin R FlexPen
insulin regular, human in 0.9 % sodium chloride	Myxredlin
Glucagon-like Peptide 1 Receptor Agonists (GLP-1 RAs)	
dulaglutide	Trulicity
exenatide	Byetta
exenatide	exenatide
exenatide microspheres	Bydureon
exenatide microspheres	Bydureon BCise
insulin degludec/liraglutide	Xultophy 100/3.6
insulin glargine,human recombinant analog/lixisenatide	Soliqua 100/33
liraglutide	liraglutide
liraglutide	Saxenda
liraglutide	Victoza 2-Pak
liraglutide	Victoza 3-Pak
lixisenatide	Adlyxin
tirzepatide	Zepbound
tirzepatide	Mounjaro

Appendix F. Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Metformin	
alogliptin benzoate/metformin HCl	alogliptin-metformin
alogliptin benzoate/metformin HCl	Kazano
canagliflozin/metformin HCl	Invokamet
canagliflozin/metformin HCl	Invokamet XR
dapagliflozin propanediol/metformin HCl	Xigduo XR
dapagliflozin propanediol/metformin HCl	dapaglifloz propaned-metformin
empagliflozin/linagliptin/metformin HCl	Trijardy XR
empagliflozin/metformin HCl	Synjardy
empagliflozin/metformin HCl	Synjardy XR
ertugliflozin pidolate/metformin HCl	Segluromet
glipizide/metformin HCl	glipizide-metformin
glyburide/metformin HCl	Glucovance
glyburide/metformin HCl	glyburide-metformin
linagliptin/metformin HCl	Jentadueto
linagliptin/metformin HCl	Jentadueto XR
metformin HCl	Glucophage
metformin HCl	Glucophage XR
metformin HCl	metformin
metformin HCl	Riomet ER
metformin HCl	Riomet
metformin HCl	Fortamet
metformin HCl	Glumetza
metformin HCl/blood sugar diagnostic	DM2
pioglitazone HCl/metformin HCl	pioglitazone-metformin
pioglitazone HCl/metformin HCl	Actoplus MET
pioglitazone HCl/metformin HCl	Actoplus Met XR
repaglinide/metformin HCl	Prandimet
repaglinide/metformin HCl	repaglinide-metformin
rosiglitazone maleate/metformin HCl	Avandamet
saxagliptin HCl/metformin HCl	Kombiglyze XR
saxagliptin HCl/metformin HCl	saxagliptin-metformin
sitagliptin phosphate/metformin HCl	Janumet XR
sitagliptin phosphate/metformin HCl	Janumet
sitagliptin/metformin HCl	Zituvimet
sitagliptin/metformin HCl	Zituvimet XR
sitagliptin/metformin HCl	sitagliptin-metformin
Sulfonylureas	
chlorpropamide	chlorpropamide
glimepiride	Amaryl
glimepiride	glimepiride
glipizide	Glucotrol XL
glipizide	Glucotrol
glipizide	glipizide
glipizide/metformin HCl	glipizide-metformin
glyburide	Diabeta
glyburide	glyburide
glyburide,micronized	Glynase

Appendix F. Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
glyburide,micronized	glyburide micronized
glyburide/metformin HCl	Glucovance
glyburide/metformin HCl	glyburide-metformin
pioglitazone HCl/glimepiride	pioglitazone-glimepiride
pioglitazone HCl/glimepiride	DUETACT
tolazamide	tolazamide
tolbutamide	tolbutamide
Glinides	
nateglinide	Starlix
nateglinide	nateglinide
repaglinide	Prandin
repaglinide	repaglinide
repaglinide/metformin HCl	Prandimet
repaglinide/metformin HCl	repaglinide-metformin
Other Antidiabetics	
acarbose	acarbose
acarbose	Precose
alogliptin benzoate	alogliptin
alogliptin benzoate	Nesina
alogliptin benzoate/pioglitazone HCl	alogliptin-pioglitazone
alogliptin benzoate/pioglitazone HCl	Oseni
bexagliflozin	bexagliflozin
bexagliflozin	Brenzavvy
bromocriptine mesylate	Cycloset
canagliflozin	Invokana
dapagliflozin propanediol	Farxiga
dapagliflozin propanediol	dapagliflozin propanediol
dapagliflozin propanediol/saxagliptin HCl	Qtern
donislecel-jujn	Lantidra
empagliflozin	Jardiance
empagliflozin/linagliptin	Glyxambi
ertugliflozin pidolate	Steglatro
ertugliflozin pidolate/sitagliptin phosphate	Steglujan
linagliptin	Tradjenta
miglitol	Glyset
miglitol	miglitol
pramlintide acetate	SymlinPen 60
pramlintide acetate	SymlinPen 120
rosiglitazone maleate	Avandia
saxagliptin HCl	Onglyza
saxagliptin HCl	saxagliptin
sitagliptin	Zituvio
sitagliptin	sitagliptin
sitagliptin phosphate	Januvia
sotagliflozin	Inpefa
Statins	
amlodipine besylate/atorvastatin calcium	Caduet
amlodipine besylate/atorvastatin calcium	amlodipine-atorvastatin

Appendix F. Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
atorvastatin calcium	Lipitor
atorvastatin calcium	atorvastatin
atorvastatin calcium	AtorvaliQ
ezetimibe/atorvastatin calcium	ezetimibe-atorvastatin
ezetimibe/rosuvastatin calcium	Roszet
ezetimibe/rosuvastatin calcium	ezetimibe-rosuvastatin
ezetimibe/simvastatin	ezetimibe-simvastatin
ezetimibe/simvastatin	Vytorin 10-20
ezetimibe/simvastatin	Vytorin 10-40
ezetimibe/simvastatin	Vytorin 10-10
ezetimibe/simvastatin	Vytorin 10-80
fluvastatin sodium	Lescol
fluvastatin sodium	Lescol XL
fluvastatin sodium	fluvastatin
lovastatin	lovastatin
lovastatin	Altoprev
niacin/lovastatin	Advicor
niacin/simvastatin	Simcor
pitavastatin calcium	pitavastatin calcium
pitavastatin calcium	Livalo
pitavastatin magnesium	Zypitamag
pravastatin sodium	Pravachol
pravastatin sodium	pravastatin
rosuvastatin calcium	rosuvastatin
rosuvastatin calcium	Crestor
rosuvastatin calcium	Ezallor Sprinkle
simvastatin	Zocor
simvastatin	simvastatin
simvastatin	FloLipid
Resmetirom	
resmetirom	Rezdiffra
Ursodiol	
ursodiol	Actigall
ursodiol	ursodiol
ursodiol	URSO 250
ursodiol	URSO Forte
ursodiol	Reltone
ursodiol	Reltone 200 mg
ursodiol	Reltone 400 mg
ursodiol	Ursodiol 200 mg
ursodiol	Ursodiol 400 mg

Appendix G.1. Calculation of the Tree-Only Test Statistic for Conditional Bernoulli Probability Model

The log likelihood ratio (LLR) based test statistic T can be calculated as:

$$LLR = \ln \left(\frac{\left(\frac{c_G}{c_G + n_G} \right)^{c_G} \left(\frac{n_G}{c_G + n_G} \right)^{n_G}}{\left(\frac{C}{C + N} \right)^{c_G} \left(\frac{N}{C + N} \right)^{n_G}} \right) I \left(\frac{c_G}{c_G + n_G} > \frac{C}{C + N} \right)$$

$$T = \max_G LLR(G)$$

Where:

T = Tree-based scan statistic

c_G = cases in the risk window for a given node G

n_G = cases in the control window for a given node

C = total number of cases in the risk window in all

N = total number of cases in the control window in

G = node of interest

¹Expression 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 $\ln(1) = 0$.

²Expression in green: This is an indication function. It means that a log-likelihood ratio (LLR) is ONLY recorded if there are more observed cases 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).

³Expression 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 G.2. Calculation for the Tree-Temporal Scan Statistic Conditioned on Node and Time

The log likelihood ratio (LLR) based test statistic T can be calculated as:

$$LLR = \left(c_G \ln \frac{c_G}{u_G} + ((C + N) - c_G) \ln \left(\frac{(C + N) - c_G}{(C + N) - u_G} \right) \right) I(c_G > u_G)$$

$$T = \max_G LLR(G) \quad u_G = (C) \left(\frac{c_G + n_G}{C + N} \right)$$

Where:

T = Tree-based scan statistic

C_G = cases in node G that are in the variable risk

n_G = cases in node G that are NOT in the

C = total number of cases in the variable risk

N = total number of cases NOT in the variable

G = node of interest

u_G = expected number of cases in the variable

¹Expression in blue: This is the maximum likelihood estimation.

²Expression in green: This is an indication function. It means that a log-likelihood ratio (LLR) is ONLY recorded if there are more observed cases 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).

³Expression 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 H. Specifications Defining Parameters for this Request

This request executed the Cohort Identification and Descriptive Analysis (CIDA) tool, version 14.1.1, to perform a signal identification analysis assessing the safety profile of semaglutide in the Sentinel Distributed Database (SDD) using a self-controlled risk interval (SCRI) design.

Query Period: December 1, 2017 - August 31, 2024
Coverage Requirement: Medical & drug coverage
Enrollment Gap: 45 days
Age Groups: 18-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75+ years
Sex: M, F
Other Demographic Restrictions: N/A
Stratifications: Evidence of metabolic dysfunction-associated steatohepatitis (MASH), Ozempic use, Wegovy use, type 2 diabetes, obesity
Restrictions: N/A
Envelope macro: *Reclassify encounters during inpatient stay as inpatient;
Drop Censor Output Indicator Y
Freeze data: T

Scenario 1

Scenario 2

Scenario 3

Description:	Semaglutide Tree Analysis	Semaglutide Temporal Scan Analysis	Semaglutide Tree Analysis Excluding GLP-1 RA Use
Exposure <u>Index Exposure:</u> Care Setting and Diagnosis Position Requirements Pre-Exposure Required Days: Post-Exposure Required Days: <u>Incidence Criteria:</u> Care Setting and Diagnosis Position Requirements: Create Baseline Table? Washout (days): Cohort Definition: End At-Risk Period at Evidence of:	subcutaneous semaglutide Any 456 days 28 days semaglutide Any Yes 365 days *All valid exposure episodes during query period *Death; *DP end date; *Query end date	subcutaneous semaglutide Any 400 days 183 days semaglutide Any Yes 365 days *All valid exposure episodes during query period *Death; *DP end date; *Query end date	subcutaneous semaglutide Any 456 days 28 days semaglutide Any Yes 365 days *All valid exposure episodes during query period *Death; *DP end date; *Query end date

Appendix H. Specifications Defining Parameters for this Request			
	Scenario 1	Scenario 2	Scenario 3
Description:	Semaglutide Tree Analysis	Semaglutide Temporal Scan Analysis	Semaglutide Tree Analysis Excluding GLP-1 RA Use
Inclusion/ Exclusion Criteria			
Pre-existing Conditions:	Ongoing Pregnancy	Ongoing Pregnancy	Ongoing Pregnancy
Care Setting and Diagnosis	Any	Any	Any
Position Requirements			
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-183,28	-183,183	-183,28
Code Days:	2	2	2
	OR	OR	OR
Pre-existing Conditions:	Pregnancy Delivery Inpatient	Pregnancy Delivery Inpatient	Pregnancy Delivery Inpatient
Care Setting and Diagnosis	IP*	IP*	IP*
Position Requirements			
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-56,28	0,183	-56,28
Code Days:	1	1	1
	OR	OR	OR
Pre-existing Conditions:	Pregnancy Delivery	Pregnancy Delivery	Pregnancy Delivery
Care Setting and Diagnosis	Any	Any	Any
Position Requirements			
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-56,28	0,183	-56,28
Code Days:	1	1	1
Pre-existing Conditions:	Rybelsus	Rybelsus	Rybelsus
Care Setting and Diagnosis	N/A	N/A	N/A
Position Requirements			
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-365,0	-365,0	-365,0
Code Days:	1	1	1

Appendix H. Specifications Defining Parameters for this Request			
	Scenario 1	Scenario 2	Scenario 3
Description:	Semaglutide Tree Analysis	Semaglutide Temporal Scan Analysis	Semaglutide Tree Analysis Excluding GLP1 RA Use
Pre-existing Conditions: Care Setting and Diagnosis Position Requirements Include/Exclude: Evaluation Period: Code Days:			Prior GLP-1 RA Use N/A Exclude -365,0 1

Appendix H. Specifications Defining Parameters for this Request			
	Scenario 4	Scenario 5	Scenario 6
Description:	Semaglutide Temporal Scan Analysis Excluding GLP-1 RA Use	Semaglutide Tree Analysis with Prior MASH	Semaglutide Temporal Scan Analysis with Prior MASH
Exposure	subcutaneous semaglutide	subcutaneous semaglutide	subcutaneous semaglutide
<u>Index Exposure:</u>			
Care Setting and Diagnosis	Any	Any	Any
Position Requirements			
Pre-Exposure Required Days:	400 days	456 days	400 days
Post-Exposure Required Days:	183 days	28 days	183 days
<u>Incidence Criteria:</u>	semaglutide	semaglutide	semaglutide
Care Setting and Diagnosis	Any	Any	Any
Position Requirements:			
Create Baseline Table?	Yes	Yes	Yes
Washout (days):	365 days	365 days	365 days
Cohort Definition:	*All valid exposure episodes during query period	*All valid exposure episodes during query period	*All valid exposure episodes during query period
End At-Risk Period at Evidence of:	*Death; *DP end date; *Query end date	*Death; *DP end date; *Query end date	*Death; *DP end date; *Query end date

Appendix H. Specifications Defining Parameters for this Request			
	Scenario 4	Scenario 5	Scenario 6
Description:	Semaglutide Temporal Scan Analysis Excluding GLP-1 RA Use	Semaglutide Tree Analysis with Prior MASH	Semaglutide Temporal Scan Analysis with Prior MASH
Inclusion/ Exclusion Criteria			
Pre-existing Conditions:	Ongoing Pregnancy	Ongoing Pregnancy	Ongoing Pregnancy
Care Setting and Diagnosis	Any	Any	Any
Position Requirements			
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-183,183	-183,28	-183,183
Code Days:	2	2	2
	OR	OR	OR
Pre-existing Conditions:	Pregnancy Delivery Inpatient	Pregnancy Delivery Inpatient	Pregnancy Delivery Inpatient
Care Setting and Diagnosis	IP*	IP*	IP*
Position Requirements			
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	0,183	-56,28	0,183
Code Days:	1	1	1
	OR	OR	OR
Pre-existing Conditions:	Pregnancy Delivery	Pregnancy Delivery	Pregnancy Delivery
Care Setting and Diagnosis	Any	Any	Any
Position Requirements			
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	0,183	-56,28	0,183
Code Days:	1	1	1
	OR	OR	OR
Pre-existing Conditions:	Rybelsus	Rybelsus	Rybelsus
Care Setting and Diagnosis	N/A	N/A	N/A
Position Requirements			
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-365,0	-365,0	-365,0
Code Days:	1	1	1

Appendix H. Specifications Defining Parameters for this Request			
	Scenario 4	Scenario 5	Scenario 6
Description:	Semaglutide Temporal Scan Analysis Excluding GLP-1 RA Use	Semaglutide Tree Analysis with Prior MASH	Semaglutide Temporal Scan Analysis with Prior MASH
Pre-existing Conditions:	Prior GLP-1 RA Use	MASH	MASH
Care Setting and Diagnosis	N/A	Any	Any
Position Requirements			
Include/Exclude:	Exclude	Include	Include
Evaluation Period:	-365,0	-400,0	-400,0
Code Days:	1	1	1
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®. N/A: Not applicable; GLP-1 RA: glucagon-like peptide-1 receptor agonist; DP: Data Partner; IP: inpatient			

Appendix H.1. Signal Identification Specifications for this Request								
Event/Tree File Parameters								
Strata	MASH, Ozempic, Wegovy, Diabetes, and Obesity	MASH, Ozempic, Wegovy, Diabetes, and Obesity	MASH, Ozempic, Wegovy, Diabetes, and Obesity	MASH, Ozempic, Wegovy, Diabetes, and Obesity	N/A	N/A	N/A	N/A
Control Window	-56,-29	-56,-29	N/A	N/A	-56,-29	-56,-29	N/A	N/A
Risk Window	1,28	1,28	1,183	1,183	1,28	1,28	1,183	1,183
Care Setting	IP ED	IP ED AV	IP ED	IP ED AV	IP ED	IP ED AV	IP ED	IP ED AV
Principal Diagnosis	Any	Any	Any	Any	Any	Any	Any	Any
Tree Incidence Level	3	3	3	3	3	3	3	3
Tree Event Washout Period	400	400	400	400	400	400	400	400
Tree Washout Care Setting	Any	Any	Any	Any	Any	Any	Any	Any
Tree Washout Principal Diagnosis Position	Any	Any	Any	Any	Any	Any	Any	Any
TreeScan Software Parameters								
Type of Scan	Tree analysis	Tree analysis	Tree and Time (Temporal)	Tree and Time (Temporal)	Tree analysis	Tree analysis	Tree and Time (Temporal)	Tree and Time (Temporal)
Time Precision	N/A	N/A	Generic (1,183)	Generic (1,183)	N/A	N/A	Generic (1,183)	Generic (1,183)
Conditional Analysis	Total Cases	Total Cases	Node and Time	Node and Time	Total Cases	Total Cases	Node and Time	Node and Time
Probability Model	Bernoulli	Bernoulli	N/A	N/A	Bernoulli	Bernoulli	N/A	N/A
Case Probability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Monte Carlo Replications	9999	9999	9999	9999	9999	9999	9999	9999
Tree Level Assessment	3,4,5	3,4,5	3,4,5	3,4,5	3,4,5	3,4,5	3,4,5	3,4,5

N/A: Not applicable; IP: inpatient hospital stays; ED: emergency department encounters; AV: ambulatory visits

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Metabolic Dysfunction-Associated Steatohepatitis (MASH)	1	DX: Diagnosis code	Any	-400	0	1	Not applicable (N/A)	N/A
Ozempic	2	RX: Drug code	Any	0	0	1	None	Y: Lookback period should search for evidence of a date only
Wegovy	3	RX: Drug code	Any	0	0	1	None	Y: Lookback period should search for evidence of a date only
Type 2 Diabetes Inpatient	4	DX: Diagnosis code	IP* IS*	-400	0	1	N/A	N/A
Type 2 Diabetes Outpatient	5	DX: Diagnosis code	AV* ED* OA*	-400	0	2	N/A	N/A
Type 2 Diabetes Combo (4 or 5)	6	CC: Complex Covariate	N/A	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Obesity	7	DX: Diagnosis code PX: Procedure code	Any	-400	0	1	N/A	N/A
Acute Myocardial Infarction	8	DX: Diagnosis code	Any	-400	0	1	None	N/A
Arrhythmia	9	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Chronic Kidney Disease (CKD)	10	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
End Stage Renal Disease (ESRD)	11	DX: Diagnosis code PX: Procedure code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Heart Failure and Non-Ischemic Heart Disease	12	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Hyperlipidemia	13	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Hypertension	14	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Ischemic Heart Disease	15	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Stroke/Transient Ischemic Attack	16	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Acute Lymphoblastic Leukemia	17	DX: Diagnosis code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Addison's Disease	18	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Alcohol Use Disorders	19	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Alzheimer's Disease	20	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Anemia	21	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Anxiety Disorders	22	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Bacterial Infections	23	DX: Diagnosis code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Cancer	24	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Cataracts	25	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Celiac Disease	26	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Chemotherapy	27	DX: Diagnosis code PX: Procedure code	Any	-400	0	1	N/A	N/A
Coagulopathy	28	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Complicated Diabetes	29	DX: Diagnosis code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Coxsackie Disease	30	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Cystic Fibrosis	31	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Cytomegalovirus	32	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Degenerative Disease of the Central Nervous System	33	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Depression, Bipolar, or Other Mood Disorders	34	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Dementia	35	DX: Diagnosis code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Drug Use Disorder	36	DX: Diagnosis code PX: Procedure code	Any	-400	0	1	N/A	N/A
Durable Medical Equipment	37	PX: Procedure code	Any	-400	0	1	N/A	N/A
Epstein Barr Disease	38	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Fecal Occult Blood Test	39	PX: Diagnosis code	Any	-400	0	1	N/A	N/A
Influenza	40	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Fluid and Electrolyte Disorder	41	DX: Diagnosis code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Gallstones	42	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Glaucoma	43	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Gout Medications	44	RX: Drug Code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval
Graves' Disease	45	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Hashimoto's Thyroiditis	46	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Hemiplegia	47	DX: Diagnosis code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Hemolytic Uremic Syndrome	48	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Herpes	49	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Histoplasmosis	50	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Human Immunodeficiency Virus (HIV) and Acquired Immunodeficiency Syndrome (AIDS)	51	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Human Papillomavirus (HPV) DNA Test	52	PX: Diagnosis code	Any	-400	0	1	N/A	N/A
Hyperparathyroidism	53	DX: Diagnosis code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Inflammatory Bowel Disease	54	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Kawasaki Disease	55	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Liver Disease, Cirrhosis, and Other Liver Conditions	56	DX: Diagnosis code PX: Procedure code	Any	-400	0	1	N/A	N/A
Lupus	57	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Metastatic Cancer	58	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Migraine	59	DX: Diagnosis code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Multiple Sclerosis	60	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Mumps	61	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Myasthenia Gravis	62	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Organ Transplant	63	DX: Diagnosis code PX: Procedure code	Any	-400	0	1	N/A	N/A
Oxicam Anti-Inflammatory Drugs	64	RX: Drug Code	Any	-400	0	1	N/A	N/A
Parvovirus B19	65	DX: Diagnosis code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Peripheral Vascular Disease	66	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Pneumocystosis	67	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Psoriatic Arthritis	68	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Pulmonary Circulation Disorders	69	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Pulmonary Disease	70	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Reye's Syndrome	71	DX: Diagnosis code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Rheumatoid Arthritis/Osteoarthritis	72	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Schizophrenia and Other Psychotic Disorders	73	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Sertraline	74	RX: Drug Code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval
Sulfa Antibiotics	75	RX: Drug Code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval
Tobacco Use	76	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Type 1 Diabetes	77	DX: Diagnosis code	Any	-400	0	1	N/A	N/A

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Vasculitis	78	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Weight Loss	79	DX: Diagnosis code	Any	-400	0	1	N/A	N/A
Mammogram	80	DX: Diagnosis code PX: Procedure code	Any	-400	0	1	N/A	N/A
Colonoscopy	81	DX: Diagnosis code PX: Procedure code	Any	-400	0	1	N/A	N/A
Pap Smear	82	DX: Diagnosis code PX: Procedure code	Any	-400	0	1	N/A	N/A

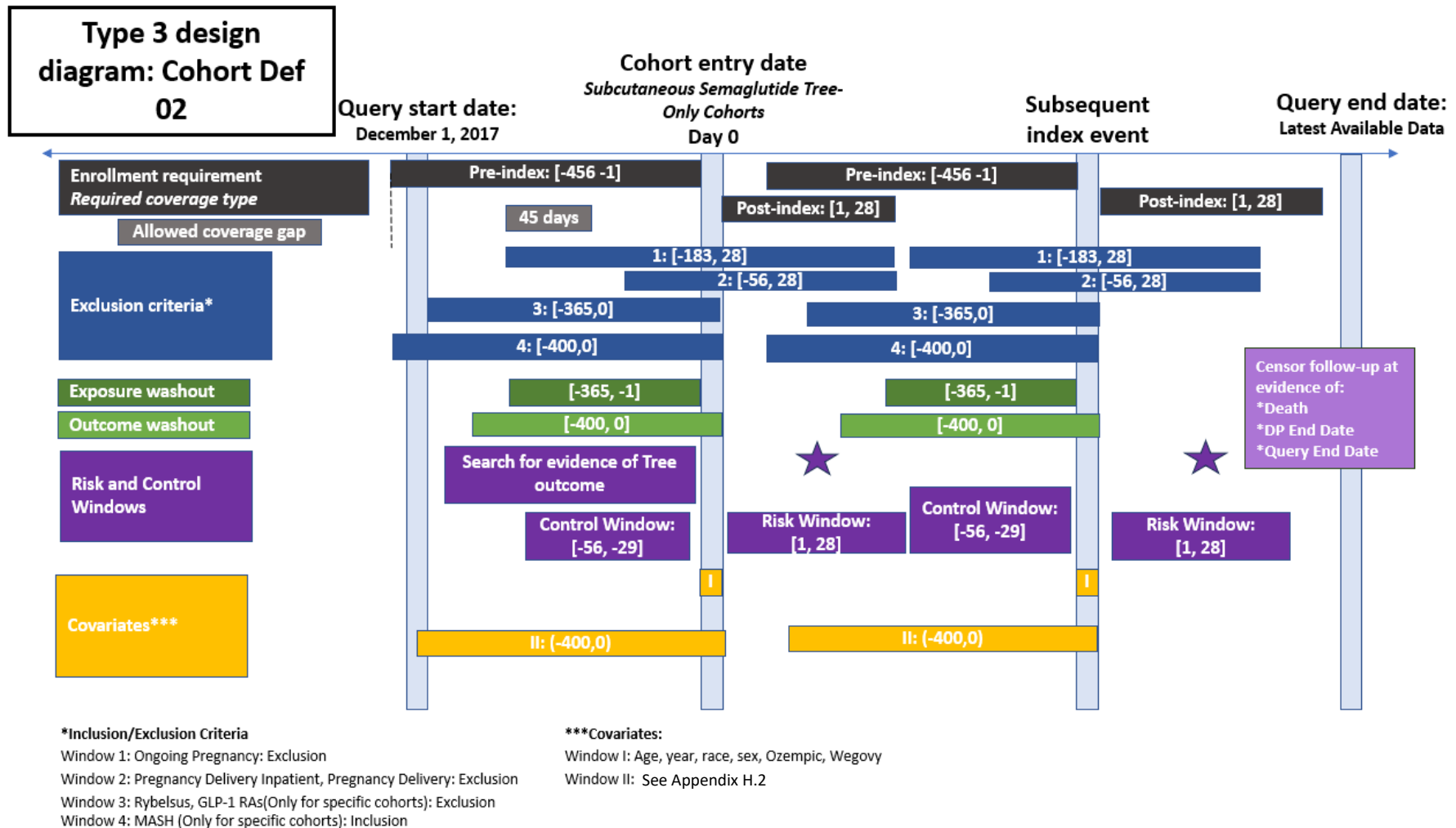
Appendix H.2. Specifications Defining Baseline Characteristics for this Request

Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Prostate-Specific Antigen (PSA) Test	83	DX: Diagnosis code PX: Procedure code	Any	-400	0	1	N/A	N/A
Insulin	84	RX: Drug Code PX: Diagnosis code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval
Glucagon-Like Peptide-1 Receptor Agonists (GLP-1 RAs)	85	RX: Drug Code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval
Metformin	86	RX: Drug Code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval
Sulfonylureas	87	RX: Drug Code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval

Appendix H.2. Specifications Defining Baseline Characteristics for this Request								
Covariate Name	Covariate Number	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 (<i>only applies to RX codes</i>)	Lookback Period Date Only
Glinides	88	RX: Drug Code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval
Other Antidiabetics	89	RX: Drug Code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval
Statins	90	RX: Drug Code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval
Resmetirom	91	RX: Drug Code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval
Ursodiol	92	RX: Drug Code	Any	-400	0	1	None	N: Lookback period should search for evidence of date or interval

IP*: inpatient hospital stays; IS*: non-acute institutional stays; ED*: emergency department encounters; AV*: ambulatory visits; OA*: other ambulatory visits

Appendix I. Design Diagram for Self-Controlled Risk Interval Design with Tree-Only Scan



Appendix J. Design Diagram for Self-Controlled Risk Interval Design with Tree-Only Temporal Scan

