

### Disclaimer

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

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

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

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

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#### Overview for Request: cder\_mpl1p\_wp085 (Report 2 of 4)

Request ID: cder\_mpl1p\_wp085

Request Description: We assessed the use of attention-deficit/hyperactivity disorder (ADHD) medications or opioid analgesics within pre- and post-pandemic time periods among pre-specified age groups in the Sentinel Distributed Database (SDD). This is report two out of four and specifically represents the pre-pandemic query period: April 1, 2018 - March 31, 2020. Report one represents the overall query period: January 1, 2017 - March 31, 2023. Report three represents the pandemic query period: April 1, 2020 - March 31, 2022. Report four represents the latest available data query period: April 1, 2022 - March 31, 2023.

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) tool, QRP version 13.1.1

<u>Data Source:</u> We distributed this request to eight Sentinel Data Partners (DP) on May 10, 2024. The study period included data from January 1, 2017 – March 31, 2023. Please see Appendix A for a list of available dates for each Data Partner.

Study Design: Using the SDD, we separately identified the following cohorts of individuals five years of age and older who initiated ADHD stimulant drugs, ADHD non-stimulant medications, or Schedule II (C-II) opioid analgesics with a minimum day supply of seven based on age on the index date: 1) Five years and older; 2) 18 years and older; 3) Five-17 Years; 4) 18-25 Years; 5) 26-44 Years; 6) 45-64 Years; and 7) 65 years and older. In each of the age-based cohorts, we assessed the characteristics of patients at four different time periods: January 1, 2017 - March 31, 2023 (overall), April 1, 2018 - March 31, 2020 (pre-pandemic), April 1, 2020 - March 31, 2022 (pandemic), and April 1, 2022 - March 31, 2023 (latest available). We described demographics (as of index date) and clinical characteristics for each age-based drug class cohort. This was a Type 5 analysis in the Query Request Package (QRP) documentation.

<u>Exposures of Interest</u>: The exposures of interest were ADHD stimulants, ADHD non-stimulants, or Schedule II (C-II) opioid analgesics prescribed in an outpatient setting with a minimum seven-day supply, identified using National Drug Codes (NDCs). Please see Appendix C for a List of non-proprietary and proprietary names of medical products.

Stimulant ADHD medications comprised amphetamine, dextroamphetamine, lisdexamfetamine, methamphetamine, methylphenidate, dexmethylphenidate, and dexmethylphenidate.

Non-stimulant medications for ADHD comprised atomoxetine, clonidine (extended-release patch/oral solid), guanfacine, and viloxazine.

Schedule II (C-II) opioid analgesics comprised benzhydrocodone, fentanyl, hydrocodone, hydromorphone, levorphanol, meperidine, methadone, morphine, oxycodone, oxymorphone, sufentanil, tapentadol, and single product codeine.

<u>Cohort Eligibility Criteria:</u> We required individuals to be enrolled in health plans with both medical and drug coverage for at least 365 days prior to the index exposure, during which gaps in coverage of up to 45 days were allowed and treated as continuous enrollment. The exposure washout window (i.e., the period with no dispensing of the exposure of interest) was defined as 365 days prior to the index date.

**Episode Creation:** We created exposure episodes based on the number of days of product supplied per dispensing in the outpatient pharmacy dispensing data. We bridged together episodes less than 30 days apart.



#### Overview for Request: cder\_mpl1p\_wp085 (Report 2 of 4)

Health Characteristics: We assessed the following characteristics on index date: age, sex, race, Hispanic origin, geography by Census Bureau (CB) region, and year. We assessed the following characteristics in the 365 days prior to and including the index date: ADHD; neurological and behavioral disorders associated with ADHD (narcolepsy, binge-eating disorder, conduct/adjustment, or related disorders); substance-related disorders and poisoning; use of other medications, including anxiolytics, antidepressants, and antipsychotics; and healthcare utilization. In addition, ADHD and neurological and behavioral disorders associated with ADHD were also assessed in the 30 days prior to and including the index date.

Active pharmacological ingredients of ADHD stimulant medications, ADHD non-stimulant medications, and schedule II (C-II) opioid analgesics dispensed during treatment episodes of exposure of interest were assessed in all available data following the index date. We also reported concomitant use of antidepressants, benzodiazepines, antipsychotics, and non-benzodiazepine anxiolytics, defined as a minimum of seven consecutive days of overlap between the days' supply of any of those drugs during any exposure episode. Also, for the exposures of interest, the analyses characterized dispensing patterns by examining cumulative exposure episode durations, first exposure episode durations, all exposure episode durations, and lengths of gaps between episodes.

National Drug Codes (NDC), Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes were used to define the clinical characteristics and treatments. Please see Appendix B for a list of States and U.S. Territories per CB Region. Please see Appendix D for a list of non-proprietary and proprietary names of medical products used to define baseline characteristics in this request. Please see Appendix E for a list of diagnosis and procedure codes used to define baseline characteristics in this request.

Please refer to Appendices F through K for the specifications of parameters used in this request, baseline characteristics used in this request, and a design diagram.

<u>Disclaimer:</u> Due to the large number of analyses, and to improve efficiency and reduce runtime at the data partners, we first created a frozen dataset. The frozen data included the complete claims history of individuals who had a qualifying dispensing of any stimulant, non-stimulant, or C-II opioid drug classes during the study period. As a result, the total counts in the frozen dataset represent only individuals with a qualifying dispensing of drugs of interest and do not reflect the entire population of individuals enrolled in the datasets. Because the attrition tables would not accurately represent the full volume of enrollees in the datasets, we did not include attrition tables in this report.

<u>Limitations:</u> Algorithms used to define exposures and inclusion criteria are imperfect; thus, it is possible that there may be misclassification. Therefore, data should be interpreted with this limitation in mind.

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



#### **Table of Contents**

- Glossary (CIDA) List of Terms to Define the Cohort Identification and Descriptive Analysis (CIDA) Found in this Report
  - <u>Table 1a</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1b</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1c</u> Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1d</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1e</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1f</u> Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1g</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1h</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1i</u> Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1j</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1k</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 11</u> Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1m</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1n</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 10</u> Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1p</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1q</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1r</u> Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
  - <u>Table 1s</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

cder mpl1p wp085 Page 3 of 390



#### **Table of Contents**

- <u>Table 1t</u> Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
- <u>Table 1u</u> Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
- <u>Table 2a</u> Categorical Summary of Initiators' Cumulative Treatment Episode Durations for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
- <u>Table 2b</u> Continuous Summary of Initiators' Cumulative Treatment Episode Durations for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
- <u>Table 3a</u> Categorical Summary of All Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
- <u>Table 3b</u> Continuous Summary of All Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
- <u>Table 4a</u> Categorical Summary of First Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
- <u>Table 4b</u> Continuous Summary of First Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
- <u>Table 5</u> Continuous Summary of All Treatment Episode Gaps for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
- <u>Table 6</u> Summary of Reasons First Treatment Episodes Ended for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
- <u>Table 7</u> Summary of Reasons Treatment Episodes Ended for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020
- Appendix A Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (May 10, 2024)
- Appendix B List of States and U.S. Territories per Census Bureau (CB) Region
- Appendix C List of Generic and Brand Names of Medical Products Used to Define Exposures in this Request
- Appendix D List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request
- Appendix E List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request
- <u>Appendix F</u> Specifications Defining Parameters for this Request
- $\underline{\textbf{Appendix G}} \ \ \textbf{Specifications Defining Baseline Characteristics Parameters for this Request}$
- Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request
  - Appendix H Specifications Defining Medical Utilization and Comorbidity Score Parameters for this Request
  - Appendix I Specifications Defining Most Frequent Utilization Parameters for this Request
  - <u>Appendix J</u> Specifications Defining Stockpiling Parameters Used for this Request
  - Appendix K Design Diagram for this Request

cder mpl1p wp085 Page 4 of 390



## 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).

**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.

cder\_mpl1p\_wp085 Page 5 of 390



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

**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 - i**ndicator 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

cder mpl1p wp085 Page 6 of 390



Table 1a. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 5+		
		Years	
Patient Characteristics	Number		
Unique patients	438,369		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	366,413	83.6%	
Medicare Members	71,956	16.4%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	33.4	16.1	
Age	Number	Percent	
5-12 years	73,656	16.8%	
13-17 years	49,111	11.2%	
18-25 years	74,372	17.0%	
26-29 years	26,551	6.1%	
30-39 years	68,011	15.5%	
40-49 years	52,367	11.9%	
50-64 years	48,948	11.2%	
≥ 65 years	45,353	10.3%	
Sex	•		
Female	219,708	50.1%	
Male	218,661	49.9%	
Race <sup>1</sup>	,		
American Indian or Alaska Native	615	0.1%	
Asian	2,034	0.5%	
Black or African American	6,435	1.5%	
Multi-racial	5,989	1.4%	
Native Hawaiian or Other Pacific Islander	140	0.0%	
Unknown	316,191	72.1%	
White	106,965	24.4%	
Hispanic origin	100,303	211170	
Yes	4,953	1.1%	
No	87,387	19.9%	
Unknown	346,029	78.9%	
Year	340,023	70.570	
2018	160,164	36.5%	
2019	219,374	50.0%	
2020	58,831	13.4%	
Census Bureau Region <sup>2</sup>	30,031	13.470	
Invalid	4,028	0.9%	
Midwest	101,174	23.1%	
Northeast	61,199	14.0%	
South	189,949	43.3%	
West	81,392	18.6%	
Missing	546	0.1%	
Other	81	0.0%	

cder\_mpl1p\_wp085 Page 7 of 390



Table 1a. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		cation Patients of Age 5+
	Years	
	Number/Mean	Percent/Standard
Health Characteristics		Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	1.1	1.8
Combined comorbidity score categories		
<=0	233,746	53.3%
1-2	154,852	35.3%
3-4	25,479	5.8%
5+	24,292	5.5%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	438,369	100.0%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	21,735	5.0%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	78,853	18.0%
Medication for Opioid-Related Disorders on index date or year prior	4,767	1.1%
Antidepressant Medication on index date or year prior	189,345	43.2%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	118,477	27.0%
Antipsychotic Medication on index date or year prior	50,207	11.5%
Mood Stabilizers on index date or year prior	33,562	7.7%
Cancer on index date or year prior	16,142	3.7%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	181,132	41.3%
ADHD on Index Date or year prior	247,726	56.5%
Conduct or Adjustment Disorders or other related disorders on index date or	18,663	4.3%
year prior		
Narcolepsy on index date or year prior	4,538	1.0%
Binge-Eating Disorder on index date or year prior	6,313	1.4%
ADHD on Index Date or 30 days Prior Conduct or Adjustment Disorders or other related disorders on index date or	214,728 9,302	49.0% 2.1%
30 days Prior	3,302	2.170
Narcolepsy on index date or 30 days Prior	2,928	0.7%
Binge-Eating Disorder on index date or 30 days Prior	5,376	1.2%
Hypertension on index date or year prior	80,032	18.3%
Coronary artery disease on index date or year prior	20,558	4.7%
Cardiac arrhythmia on index date or year prior	30,164	6.9%
Cardiomyopathy on index date or year prior	3,494	0.8%
Cardiac structural abnormality on index date or year prior	2,910	0.7%
All other diseases of the circulatory system on index date or year prior	22,952	5.2%
Epilepsy or recurrent seizures on index date or year prior	7,908	1.8%
Other seizure or convulsions on index date or year prior	8,151	1.9%
Depression on index date or year prior	139,223	31.8%
Anxiety on index date or year prior	169,458	38.7%
Bipolar Disorder on index date or year prior	29,716	6.8%
Sleep Disorder on index date or year prior	89,879	20.5%
Psychotic Disorder on index date or year prior	9,909	2.3%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	20,262	4.6%
Manic Episode on index date or year prior	848	0.2%

cder\_mpl1p\_wp085 Page 8 of 390



Table 1a. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

5+ rears, in the Sentiner Distributed Database (SDD) from April 1, 2016 to Ma	ADHD Stimulant Medication Patients of Age 5+ Years	
		Percent/Standard
Health Characteristics	Number/Mean	Deviation <sup>3</sup>
Autistic Disorder on index date or year prior	10,127	2.3%
Any Substance-Related Disorders on index date or year prior	71,126	16.2%
Opioid-Related Disorders on index date or year prior	14,367	3.3%
Stimulant-Related Disorders on index date or year prior	4,991	1.1%
Cocaine-Related Disorders on index date or year prior	2,410	0.5%
Other Stimulant-Related Disorders on index date or year prior	3,242	0.7%
Alcohol-Related Disorders on index date or year prior	13,022	3.0%
Cannabis-Related Disorders on index date or year prior	9,082	2.1%
Tobacco-Related Disorders on index date or year prior	52,888	12.1%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	12,381	2.8%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	1,076	0.2%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	646	0.1%
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	140	0.0%
Intentional Poisoning by Broad Category on index date or year prior	2,425	0.6%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	181,763	41.5%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	216,413	49.4%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior	3,433	0.8%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior	1,801	0.4%
At least One Encounter in the Emergency Department in Year Prior	100,463	22.9%
At least One Encounter in the Inpatient Care Setting in Year Prior	38,832	8.9%
At least One Encounter in the Outpatient Care Setting in Year Prior	421,863	96.2%
Medical Product Use - Concurrent Use		
Concurrent antidepressants with ADHD Stimulant medication for at least 7 consecutive days	208,961	47.7%
Concurrent benzodiazepines with ADHD Stimulant medication for at least 7 consecutive days	78,850	18.0%
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Stimulant medication for at least 7 consecutive days	45,048	10.3%
Concurrent antipsychotics with ADHD Stimulant medication for at least 7 consecutive days	55,711	12.7%
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant	26,492	6.0%
medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7 consecutive days	44,695	10.2%
Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	33,828	7.7%

cder\_mpl1p\_wp085 Page 9 of 390



Table 1a. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		ation Patients of Age 5+
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	1,424	0.3%
Amphetamine Single-entity Products Extended Release Oral Solid	2,207	0.5%
Amphetamine Single-entity Products Extended Release Oral Liquid	1,206	0.3%
Dextroamphetamine Single-entity Products Immediate Release	6,532	1.5%
Dextroamphetamine Single-entity Products Extended Release	3,723	0.8%
Amphetamine/Dextroamphetamine Combination Products Immediate	171,398	39.1%
Amphetamine/Dextroamphetamine Combination Products Extended Release	135,997	31.0%
Lisdexamfetamine Extended Release	114,854	26.2%
Methamphetamine Single-entity Products Immediate Release	83	0.0%
Methylphenidate Single-entity Products Immediate Release	85,496	19.5%
Methylphenidate Single-entity Products Extended Release Oral Solid	93,738	21.4%
Methylphenidate Single-entity Products Extended Release Oral Liquid	2,336	0.5%
Methylphenidate Single-entity Products Extended Release Transdermal Patch	1,213	0.3%
Dexmethylphenidate Single-entity Products Immediate Release	13,501	3.1%
Dexmethylphenidate Single-entity Products Extended Release	28,413	6.5%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	725	0.2%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	255,557	58.3%
Release		
Any ADHD Stimulant API Extended Release	299,178	68.2%
Atomoexetine Immediate Release	19,436	4.4%
Guanfacine Extended Release	16,530	3.8%
Viloxazine Extended Release	889	0.2%
Clonidine Extended Release	2,392	0.5%
Any ADHD Non-Stimulant API Extended Release	18,882	4.3%
Codeine	76	0.0%
Fentanyl	2,747	0.6%
Hydrocodone	76,615	17.5%
Hydromorphone	5,194	1.2%
Morphine	5,941	1.4%
Oxycodone	58,014	13.2%
Oxymorphone	225	0.1%
Other C-II Opioid Analgesics	2,195	0.5%

cder\_mpl1p\_wp085 Page 10 of 390



Table 1a. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 5+ Years	
Health Service Utilization Intensity Metrics		
Mean number of ambulatory encounters	16.4	19.2
Mean number of emergency room encounters	0.4	1.4
Mean number of inpatient hospital encounters	0.1	0.6
Mean number of non-acute institutional encounters	0.0	0.4
Mean number of other ambulatory encounters	3.5	10.7
Mean number of filled prescriptions	21.4	25.4
Mean number of generics dispensed	7.3	5.7
Mean number of unique drug classes dispensed	6.8	5.0
Most Frequent Utilization in Month Prior (-30, 0)		
Diagnosis 1: F900 — Attention-Deficit Hyperactivity Disorder Inattentive Type	91,607	20.9%
Diagnosis 2: F902 — Attention-Deficit Hyperactivity Disorder Combined Type	64,321	14.7%
Diagnosis 3: F909 — Attention-Deficit Hyperactivity Disorder Unspecified	55,282	12.6%
Diagnosis 4: F411 — Generalized Anxiety Disorder	52,386	12.0%
Diagnosis 5: F419 — Anxiety Disorder Unspecified	41,800	9.5%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 11 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.



Table 1b. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		ADHD Non-Stimulant Medication Patients of Age 5+ Years	
Patient Characteristics	Number		
Unique patients	154,553		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	91,321	59.1%	
Medicare Members	63,232	40.9%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	43.8	18.7	
Age	Number	Percent	
5-12 years	25,935	16.8%	
13-17 years	14,589	9.4%	
18-25 years	13,885	9.0%	
26-29 years	4,869	3.2%	
30-39 years	14,818	9.6%	
40-49 years	14,414	9.3%	
50-64 years	20,969	13.6%	
≥ 65 years	45,074	29.2%	
Sex	,		
Female	79,363	51.4%	
Male	75,190	48.6%	
Race <sup>1</sup>	,		
American Indian or Alaska Native	538	0.3%	
Asian	1,817	1.2%	
Black or African American	13,831	8.9%	
Multi-racial	1,412	0.9%	
Native Hawaiian or Other Pacific Islander	64	0.0%	
Unknown	78,185	50.6%	
White	58,706	38.0%	
Hispanic origin	30,700	30.070	
Yes	2,936	1.9%	
No	67,322	43.6%	
Unknown	84,295	54.5%	
Year	04,233	34.370	
2018	55,960	36.2%	
2019	78,621	50.9%	
2020	19,972	12.9%	
Census Bureau Region <sup>2</sup>	13,372	12.570	
Invalid	698	0.5%	
Midwest	35,765	23.1%	
Northeast	21,326	13.8%	
South	68,661	44.4%	
West	27,920	18.1%	
Missing	113	0.1%	
Other	70	0.1%	

cder\_mpl1p\_wp085 Page 12 of 390



Table 1b. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Ag 5+ Years	
	Number/Mean	Percent/Standard
Health Characteristics		Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	2.7	3.0
Combined comorbidity score categories		
<=0	51,763	33.5%
1-2	50,987	33.0%
3-4	17,588	11.4%
5+	34,215	22.1%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	43,257	28.0%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	154,553	100.0%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	36,639	23.7%
Medication for Opioid-Related Disorders on index date or year prior	2,903	1.9%
Antidepressant Medication on index date or year prior	76,214	49.3%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	50,377	32.6%
Antipsychotic Medication on index date or year prior	28,486	18.4%
Mood Stabilizers on index date or year prior	17,594	11.4%
Cancer on index date or year prior	8,627	5.6%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	85,986	55.6%
ADHD on Index Date or year prior	63,654	41.2%
Conduct or Adjustment Disorders or other related disorders on index date or year prior	12,316	8.0%
Narcolepsy on index date or year prior	502	0.3%
Binge-Eating Disorder on index date or year prior	416	0.3%
ADHD on Index Date or 30 days Prior	50,788	32.9%
Conduct or Adjustment Disorders or other related disorders on index date or	6,298	4.1%
30 days Prior	0,230	4.170
Narcolepsy on index date or 30 days Prior	187	0.1%
Binge-Eating Disorder on index date or 30 days Prior	213	0.1%
Hypertension on index date or year prior	70,929	45.9%
Coronary artery disease on index date or year prior	30,652	19.8%
Cardiac arrhythmia on index date or year prior	31,369	20.3%
Cardiomyopathy on index date or year prior	5,493	3.6%
Cardiac structural abnormality on index date or year prior	1,836	1.2%
All other diseases of the circulatory system on index date or year prior	21,788	14.1%
Epilepsy or recurrent seizures on index date or year prior	7,287	4.7%
Other seizure or convulsions on index date or year prior	7,664	5.0%
Depression on index date or year prior	55,717	36.1%
Anxiety on index date or year prior	69,686	45.1%
Bipolar Disorder on index date or year prior	15,682	10.1%
Sleep Disorder on index date or year prior	48,017	31.1%
Psychotic Disorder on index date or year prior	10,614	6.9%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	9,758	6.3%
Manic Episode on index date or year prior	657	0.4%

cder\_mpl1p\_wp085 Page 13 of 390



Table 1b. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

Age 3+ Tears, in the Sentine Distributed Database (3DD) Holli April 1, 2016 t	ADHD Non-Stimulant Medication Patients of Ag 5+ Years	
	Number/Mean	Percent/Standard
Health Characteristics		Deviation <sup>3</sup>
Autistic Disorder on index date or year prior	7,303	4.7%
Any Substance-Related Disorders on index date or year prior	46,466	30.1%
Opioid-Related Disorders on index date or year prior	11,614	7.5%
Stimulant-Related Disorders on index date or year prior	5,905	3.8%
Cocaine-Related Disorders on index date or year prior	2,917	1.9%
Other Stimulant-Related Disorders on index date or year prior	4,079	2.6%
Alcohol-Related Disorders on index date or year prior	9,376	6.1%
Cannabis-Related Disorders on index date or year prior	7,196	4.7%
Tobacco-Related Disorders on index date or year prior	36,252	23.5%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	8,693	5.6%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	1,178	0.8%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	750	0.5%
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	237	0.2%
Intentional Poisoning by Broad Category on index date or year prior	2,111	1.4%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	90,454	58.5%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	103,540	67.0%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior	3,436	2.2%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior	1,978	1.3%
At least One Encounter in the Emergency Department in Year Prior	60,468	39.1%
At least One Encounter in the Inpatient Care Setting in Year Prior	39,660	25.7%
At least One Encounter in the Outpatient Care Setting in Year Prior	152,406	98.6%
Medical Product Use - Concurrent Use	·	
Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days	76,596	49.6%
Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days	25,993	16.8%
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with	16,469	10.7%
ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 consecutive days	29,032	18.8%
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days	37,967	24.6%
Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at least 7 consecutive days	25,361	16.4%
Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	18,917	12.2%

cder\_mpl1p\_wp085 Page 14 of 390



Table 1b. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 5+ Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	323	0.2%
Amphetamine Single-entity Products Extended Release Oral Solid	426	0.3%
Amphetamine Single-entity Products Extended Release Oral Liquid	246	0.2%
Dextroamphetamine Single-entity Products Immediate Release	1,123	0.7%
Dextroamphetamine Single-entity Products Extended Release	739	0.5%
Amphetamine/Dextroamphetamine Combination Products Immediate	16,587	10.7%
Release	•	
Amphetamine/Dextroamphetamine Combination Products Extended Release	16,208	10.5%
Lisdexamfetamine Extended Release	16,618	10.8%
Methamphetamine Single-entity Products Immediate Release	30	0.0%
Methylphenidate Single-entity Products Immediate Release	9,144	5.9%
Methylphenidate Single-entity Products Extended Release Oral Solid	16,312	10.6%
Methylphenidate Single-entity Products Extended Release Oral Liquid	464	0.3%
Methylphenidate Single-entity Products Extended Release Transdermal Patch	466	0.3%
Dexmethylphenidate Single-entity Products Immediate Release	3,357	2.2%
Dexmethylphenidate Single-entity Products Extended Release	5,993	3.9%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	294	0.2%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	26,836	17.4%
Release		
Any ADHD Stimulant API Extended Release	42,071	27.2%
Atomoexetine Immediate Release	62,632	40.5%
Guanfacine Extended Release	37,578	24.3%
Viloxazine Extended Release	598	0.4%
Clonidine Extended Release	62,661	40.5%
Any ADHD Non-Stimulant API Extended Release	99,023	64.1%
Codeine	35	0.0%
Fentanyl	1,931	1.2%
Hydrocodone	32,875	21.3%
Hydromorphone	2,764	1.8%
Morphine	4,106	2.7%
Oxycodone	25,100	16.2%
Oxymorphone	174	0.1%
Other C-II Opioid Analgesics	1,263	0.8%

cder\_mpl1p\_wp085 Page 15 of 390



Table 1b. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Me	edication Patients of Age
	5+ Years	
Health Service Utilization Intensity Metrics		
Mean number of ambulatory encounters	28.3	36.6
Mean number of emergency room encounters	1.1	2.8
Mean number of inpatient hospital encounters	0.6	1.3
Mean number of non-acute institutional encounters	0.2	0.8
Mean number of other ambulatory encounters	10.7	23.0
Mean number of filled prescriptions	41.7	38.8
Mean number of generics dispensed	11.5	7.1
Mean number of unique drug classes dispensed	10.4	6.0
Most Frequent Utilization in Month Prior (-30, 0)		
Diagnosis 1: I10 — Essential Primary Hypertension	51,150	33.1%
Diagnosis 2: F419 — Anxiety Disorder Unspecified	20,113	13.0%
Diagnosis 3: Z79899 — Other Long Term Current Drug Therapy	19,315	12.5%
Diagnosis 4: F902 — Attention-Deficit Hyperactivity Disorder Combined Type	18,839	12.2%
Diagnosis 5: E785 — Hyperlipidemia Unspecified	18,836	12.2%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 16 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.



Table 1c. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age		
	5-	5+ Years	
Patient Characteristics	Number		
Unique patients	2,837,015		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	1,116,690	39.4%	
Medicare Members	1,720,325	60.6%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	65.7	13.2	
Age	Number	Percent	
5-12 years	9,186	0.3%	
13-17 years	16,251	0.6%	
18-25 years	52,164	1.8%	
26-29 years	31,480	1.1%	
30-39 years	141,082	5.0%	
40-49 years	212,449	7.5%	
50-64 years	576,507	20.3%	
≥ 65 years	1,797,896	63.4%	
Sex			
Female	1,628,868	57.4%	
Male	1,208,147	42.6%	
Race <sup>1</sup>			
American Indian or Alaska Native	10,904	0.4%	
Asian	27,409	1.0%	
Black or African American	182,243	6.4%	
Multi-racial	10,320	0.4%	
Native Hawaiian or Other Pacific Islander	2,419	0.1%	
Unknown	825,745	29.1%	
White	1,777,975	62.7%	
Hispanic origin			
Yes	39,930	1.4%	
No	1,887,171	66.5%	
Unknown	909,914	32.1%	
Year			
2018	1,170,024	41.2%	
2019	1,355,008	47.8%	
2020	311,983	11.0%	
Census Bureau Region <sup>2</sup>			
Invalid	12,219	0.4%	
Midwest	725,216	25.6%	
Northeast	334,800	11.8%	
South	1,187,163	41.9%	
West	575,339	20.3%	
Missing	1,018	0.0%	
Other	1,260	0.0%	

cder\_mpl1p\_wp085 Page 17 of 390



Table 1c. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid A	Analgesics Patients of Age
	5+ Y	'ears
		Percent/Standard
Health Characteristics	Number/Mean	Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	2.9	3.4
Combined comorbidity score categories		
<=0	889,966	31.4%
1-2	806,013	28.4%
3-4	417,657	14.7%
5+	723,379	25.5%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	57,644	2.0%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	12,305	0.4%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	2,837,015	100.0%
Medication for Opioid-Related Disorders on index date or year prior	8,690	0.3%
Antidepressant Medication on index date or year prior	1,071,070	37.8%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	859,557	30.3%
Antipsychotic Medication on index date or year prior	229,195	8.1%
Mood Stabilizers on index date or year prior	111,635	3.9%
Cancer on index date or year prior	448,809	15.8%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	2,459,369	86.7%
ADHD on Index Date or year prior	46,343	1.6%
Conduct or Adjustment Disorders or other related disorders on index date or	19,382	0.7%
year prior		
Narcolepsy on index date or year prior	4,708	0.2%
Binge-Eating Disorder on index date or year prior	2,004	0.1%
ADHD on Index Date or 30 days Prior	18,647	0.7%
Conduct or Adjustment Disorders or other related disorders on index date or	5,226	0.2%
30 days Prior		
Narcolepsy on index date or 30 days Prior	1,649	0.1%
Binge-Eating Disorder on index date or 30 days Prior	553	0.0%
Hypertension on index date or year prior	1,979,727	69.8%
Coronary artery disease on index date or year prior	818,517	28.9%
Cardiac arrhythmia on index date or year prior	737,134	26.0%
Cardiomyopathy on index date or year prior	149,206	5.3%
Cardiac structural abnormality on index date or year prior	34,063	1.2%
All other diseases of the circulatory system on index date or year prior	543,140	19.1%
Epilepsy or recurrent seizures on index date or year prior	78,745	2.8%
Other seizure or convulsions on index date or year prior	75,897	2.7%
Depression on index date or year prior	730,943	25.8%
Anxiety on index date or year prior	768,810	27.1%
Bipolar Disorder on index date or year prior	90,887	3.2%
Sleep Disorder on index date or year prior	1,030,347	36.3%
Psychotic Disorder on index date or year prior	72,475	2.6%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	51,816	1.8%
Manic Episode on index date or year prior	2,982	0.1%

cder\_mpl1p\_wp085 Page 18 of 390



Table 1c. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

Database (SDD) Irom April 1, 2018 to March 51, 2020	Schedule II (C-II) Opioid Analgesics Patients of Age 5+ Years	
Health Characteristics	Number	Percent
Autistic Disorder on index date or year prior	3,276	0.1%
Any Substance-Related Disorders on index date or year prior	1,068,214	37.7%
Opioid-Related Disorders on index date or year prior	81,142	2.9%
Stimulant-Related Disorders on index date or year prior	18,765	0.7%
Cocaine-Related Disorders on index date or year prior	10,057	0.4%
Other Stimulant-Related Disorders on index date or year prior	10,245	0.4%
Alcohol-Related Disorders on index date or year prior	95,558	3.4%
Cannabis-Related Disorders on index date or year prior	33,358	1.2%
Tobacco-Related Disorders on index date or year prior	987,253	34.8%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	171,090	6.0%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	4,929	0.2%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	2,971	0.1%
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	741	0.0%
Intentional Poisoning by Broad Category on index date or year prior	24,583	0.9%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	2,784,815	98.2%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	2,816,331	99.3%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior	18,134	0.6%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior	5,011	0.2%
At least One Encounter in the Emergency Department in Year Prior	1,183,037	41.7%
At least One Encounter in the Inpatient Care Setting in Year Prior	1,074,788	37.9%
At least One Encounter in the Outpatient Care Setting in Year Prior	2,818,922	99.4%
Medical Product Use - Concurrent Use	2,010,922	99.470
Concurrent antidepressants with C-II Opioid Analgesic for at least 7 consecutive days	974,367	34.3%
Concurrent benzodiazepines with C-II Opioid Analgesic for at least 7 consecutive days	404,681	14.3%
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with C-II Opioid Analgesic for at least 7 consecutive days	202,526	7.1%
Concurrent antipsychotics with C-II Opioid Analgesic for at least 7 consecutive	196,870	6.9%
days Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7	46,357	1.6%
consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at least 7 consecutive days	11,858	0.4%
Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	43,727	1.5%
Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	10,496	0.4%

cder\_mpl1p\_wp085 Page 19 of 390



Table 1c. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age	
	5+ Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History		
Amphetamine Single-entity Products Immediate Release	155	0.0%
Amphetamine Single-entity Products Extended Release Oral Solid	193	0.0%
Amphetamine Single-entity Products Extended Release Oral Liquid	26	0.0%
Dextroamphetamine Single-entity Products Immediate Release	1,554	0.1%
Dextroamphetamine Single-entity Products Extended Release	1,000	0.0%
Amphetamine/Dextroamphetamine Combination Products Immediate	37,437	1.3%
Release		
Amphetamine/Dextroamphetamine Combination Products Extended Release	21,252	0.7%
Lisdexamfetamine Extended Release	15,516	0.5%
Methamphetamine Single-entity Products Immediate Release	34	0.0%
Methylphenidate Single-entity Products Immediate Release	17,270	0.6%
Methylphenidate Single-entity Products Extended Release Oral Solid	7,896	0.3%
Methylphenidate Single-entity Products Extended Release Oral Liquid	43	0.0%
Methylphenidate Single-entity Products Extended Release Transdermal Patch	71	0.0%
Dexmethylphenidate Single-entity Products Immediate Release	1,107	0.0%
Dexmethylphenidate Single-entity Products Extended Release	1,504	0.1%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	101	0.0%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	53,898	1.9%
Release		
Any ADHD Stimulant API Extended Release	40,169	1.4%
Atomoexetine Immediate Release	7,502	0.3%
Guanfacine Extended Release	1,950	0.1%
Viloxazine Extended Release	141	0.0%
Clonidine Extended Release	14,325	0.5%
Any ADHD Non-Stimulant API Extended Release	16,327	0.6%
Codeine	2,442	0.1%
Fentanyl	68,081	2.4%
Hydrocodone	1,919,386	67.7%
Hydromorphone	119,084	4.2%
Morphine	173,937	6.1%
Oxycodone	1,488,462	52.5%
Oxymorphone	743	0.0%
Other C-II Opioid Analgesics	25,521	0.9%

cder\_mpl1p\_wp085 Page 20 of 390



Table 1c. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 5+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age	
	5+ Ye	ears
Health Service Utilization Intensity Metrics		
Mean number of ambulatory encounters	26.6	26.9
Mean number of emergency room encounters	0.9	2.0
Mean number of inpatient hospital encounters	0.6	1.0
Mean number of non-acute institutional encounters	0.2	0.6
Mean number of other ambulatory encounters	9.5	19.0
Mean number of filled prescriptions	39.1	35.1
Mean number of generics dispensed	12.1	6.4
Mean number of unique drug classes dispensed	10.8	5.4
Most Frequent Utilization in Month Prior (-30, 0)		
Diagnosis 1: I10 — Essential Primary Hypertension	1,322,414	46.6%
Diagnosis 2: E785 — Hyperlipidemia Unspecified	683,510	24.1%
Diagnosis 3: Z01818 — Encounter For Other Preprocedural Examination	620,529	21.9%
Diagnosis 4: Z79899 — Other Long Term Current Drug Therapy	585,214	20.6%
Diagnosis 5: K219 — Gastroesophageal Reflux Disease Without Esophagitis	491,738	17.3%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 21 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.



Table 1d. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 5-17 Years	
Patient Characteristics	Number	
Unique patients	122,767	
Healthcare Payor Status	Number	Percent
Commercial payor patients	122,756	100.0%
Medicare Members	11	0.0%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	11.7	3.6
Age	Number	Percent
5-12 years	73,656	60.0%
13-17 years	49,111	40.0%
Sex		
Female	43,437	35.4%
Male	79,330	64.6%
Race <sup>1</sup>		
American Indian or Alaska Native	54	0.0%
Asian	371	0.3%
Black or African American	809	0.7%
Multi-racial	2,201	1.8%
Native Hawaiian or Other Pacific Islander	28	0.0%
Unknown	109,290	89.0%
White	10,014	8.2%
Hispanic origin		
Yes	1,175	1.0%
No	4,509	3.7%
Unknown	117,083	95.4%
Year		
2018	42,376	34.5%
2019	62,692	51.1%
2020	17,699	14.4%
Census Bureau Region <sup>2</sup>		
Invalid	1,077	0.9%
Midwest	31,428	25.6%
Northeast	13,790	11.2%
South	54,349	44.3%
West	21,916	17.9%
Missing	196	0.2%
Other	11	0.0%

cder\_mpl1p\_wp085 Page 22 of 390



Table 1d. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 5-17 Years	
		Percent/Standard
Health Characteristics	Number/Percent	Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	0.3	0.7
Combined comorbidity score categories		
<=0	88,827	72.4%
1-2	32,279	26.3%
3-4	1,484	1.2%
5+	177	0.1%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	122,767	100.0%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	9,508	7.7%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	4,385	3.6%
Medication for Opioid-Related Disorders on index date or year prior	****	****
Antidepressant Medication on index date or year prior	21,416	17.4%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	6,311	5.1%
Antipsychotic Medication on index date or year prior	5,194	4.2%
Mood Stabilizers on index date or year prior	2,983	2.4%
Cancer on index date or year prior	142	0.1%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	22,489	18.3%
ADHD on Index Date or year prior	96,275	78.4%
Conduct or Adjustment Disorders or other related disorders on index date or year prior	14,650	11.9%
Narcolepsy on index date or year prior	211	0.2%
Binge-Eating Disorder on index date or year prior	196	0.2%
ADHD on Index Date or 30 days Prior	84,103	68.5%
Conduct or Adjustment Disorders or other related disorders on index date or	7,799	6.4%
30 days Prior	,	
Narcolepsy on index date or 30 days Prior	138	0.1%
Binge-Eating Disorder on index date or 30 days Prior	144	0.1%
Hypertension on index date or year prior	520	0.4%
Coronary artery disease on index date or year prior	79	0.1%
Cardiac arrhythmia on index date or year prior	2,294	1.9%
Cardiomyopathy on index date or year prior	53	0.0%
Cardiac structural abnormality on index date or year prior	1,154	0.9%
All other diseases of the circulatory system on index date or year prior	1,227	1.0%
Epilepsy or recurrent seizures on index date or year prior	1,405	1.1%
Other seizure or convulsions on index date or year prior	1,494	1.2%
Depression on index date or year prior	16,496	13.4%
Anxiety on index date or year prior	30,692	25.0%
Bipolar Disorder on index date or year prior	1,467	1.2%
Sleep Disorder on index date or year prior	7,565	6.2%
Psychotic Disorder on index date or year prior	913	0.7%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	1,754	1.4%
Manic Episode on index date or year prior	45	0.0%
Other	11	0.0%

cder\_mpl1p\_wp085 Page 23 of 390



Table 1d. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

3 17 Tears, in the sentiner pistributed batabase (500) from April 1, 2010 to	·	ation Patients of Age 5-17
	Years	
Health Characteristics	Number	Percent
Autistic Disorder on index date or year prior	7,253	5.9%
Any Substance-Related Disorders on index date or year prior	1,943	1.6%
Opioid-Related Disorders on index date or year prior	120	0.1%
Stimulant-Related Disorders on index date or year prior	128	0.1%
Cocaine-Related Disorders on index date or year prior	44	0.0%
Other Stimulant-Related Disorders on index date or year prior	91	0.1%
Alcohol-Related Disorders on index date or year prior	462	0.4%
Cannabis-Related Disorders on index date or year prior	1,162	0.9%
Tobacco-Related Disorders on index date or year prior	556	0.5%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	146	0.1%
Unintentional or Undetermined Poisoning by Broad Category on index date of	or 62	0.1%
year prior		
Opioid Poisoning or Unintentional or Undetermined Intent on index date or	12	0.0%
year prior		
Stimulant Poisoning or Unintentional or Undetermined Intent on index date	11	0.0%
or year prior		
Intentional Poisoning by Broad Category on index date or year prior	127	0.1%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	26,220	21.4%
index date or year prior		
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	38,440	31.3%
index date or 30 days Prior	,	
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	1,714	1.4%
disorder on index date or year prior	•	
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	1,112	0.9%
disorder on index date or 30 days Prior	•	
At least One Encounter in the Emergency Department in Year Prior	20,616	16.8%
At least One Encounter in the Inpatient Care Setting in Year Prior	3,564	2.9%
At least One Encounter in the Outpatient Care Setting in Year Prior	119,475	97.3%
Medical Product Use - Concurrent Use	,	
Concurrent antidepressants with ADHD Stimulant medication for at least 7	32,903	26.8%
consecutive days		
Concurrent benzodiazepines with ADHD Stimulant medication for at least 7	2,078	1.7%
consecutive days		
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with	2,549	2.1%
ADHD Stimulant medication for at least 7 consecutive days		
Concurrent antipsychotics with ADHD Stimulant medication for at least 7	8,327	6.8%
consecutive days		
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant	15,637	12.7%
medication for at least 7 consecutive days	,	
Concurrent All Opioid Analgesic with ADHD stimulant medication for at least	7 457	0.4%
consecutive days		
Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least	t 332	0.3%
7 consecutive days		

cder\_mpl1p\_wp085 Page 24 of 390



Table 1d. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		ADHD Stimulant Medication Patients of Age 5-17 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent	
Amphetamine Single-entity Products Immediate Release	596	0.5%	
Amphetamine Single-entity Products Extended Release Oral Solid	1,237	1.0%	
Amphetamine Single-entity Products Extended Release Oral Liquid	1,117	0.9%	
Dextroamphetamine Single-entity Products Immediate Release	1,455	1.2%	
Dextroamphetamine Single-entity Products Extended Release	944	0.8%	
Amphetamine/Dextroamphetamine Combination Products Immediate	21,113	17.2%	
Release	,		
Amphetamine/Dextroamphetamine Combination Products Extended Release	36,941	30.1%	
Lisdexamfetamine Extended Release	38,529	31.4%	
Methamphetamine Single-entity Products Immediate Release	****	****	
Methylphenidate Single-entity Products Immediate Release	22,831	18.6%	
Methylphenidate Single-entity Products Extended Release Oral Solid	56,302	45.9%	
Methylphenidate Single-entity Products Extended Release Oral Liquid	2,273	1.9%	
Methylphenidate Single-entity Products Extended Release Transdermal Patch	910	0.7%	
Dexmethylphenidate Single-entity Products Immediate Release	8,756	7.1%	
Dexmethylphenidate Single-entity Products Extended Release	22,451	18.3%	
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	507	0.4%	
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	47,902	39.0%	
Release	,		
Any ADHD Stimulant API Extended Release	113,079	92.1%	
Atomoexetine Immediate Release	7,811	6.4%	
Guanfacine Extended Release	13,327	10.9%	
Viloxazine Extended Release	696	0.6%	
Clonidine Extended Release	1,393	1.1%	
Any ADHD Non-Stimulant API Extended Release	14,582	11.9%	
Codeine	****	****	
Fentanyl	****	****	
Hydrocodone	9,464	7.7%	
Hydromorphone	61	0.0%	
, Morphine	34	0.0%	
Oxycodone	4,182	3.4%	
Oxymorphone	0	0.0%	
Other C-II Opioid Analgesics	48	0.0%	

cder\_mpl1p\_wp085 Page 25 of 390



Table 1d. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 5-17 Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	12.2	17.3
Mean number of emergency room encounters	0.2	0.7
Mean number of inpatient hospital encounters	0.0	0.3
Mean number of non-acute institutional encounters	0.0	0.1
Mean number of other ambulatory encounters	1.5	9.3
Mean number of filled prescriptions	6.8	9.6
Mean number of generics dispensed	3.5	2.8
Mean number of unique drug classes dispensed	3.3	2.5
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: F902 — Attention-Deficit Hyperactivity Disorder Combined Type	38,104	31.0%
Diagnosis 2: F900 — Attention-Deficit Hyperactivity Disorder Inattentive Type	29,458	24.0%
Diagnosis 3: F909 — Attention-Deficit Hyperactivity Disorder Unspecified Type	17,173	14.0%
Diagnosis 4: Z23 — Encounter For Immunization	15,652	12.7%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 26 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

Age 5-17 Years, in the Sentinei Distributed Database (SDD) i	ADHD Non-Stimulant Medication Patients of Age 5-	
Patient Characteristics		7 Years
Unique patients	Number 40.524	
	40,524 <b>Number</b>	Percent
Healthcare Payor Status		
Commercial payor patients	40,493	99.9%
Medicare Members	31	0.1%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	11.6	3.4
Age	Number	Percent
5-12 years	25,935	64.0%
13-17 years	14,589	36.0%
Sex		
Female	12,370	30.5%
Male	28,154	69.5%
Race <sup>1</sup>		
American Indian or Alaska Native	****	****
Asian	111	0.3%
Black or African American	266	0.7%
Multi-racial	725	1.8%
Native Hawaiian or Other Pacific Islander	****	****
Unknown	35,895	88.6%
White	3,495	8.6%
Hispanic origin		
Yes	343	0.8%
No	1,474	3.6%
Unknown	38,707	95.5%
Year		
2018	14,131	34.9%
2019	20,906	51.6%
2020	5,487	13.5%
Census Bureau Region <sup>2</sup>		
Invalid	274	0.7%
Midwest	11,115	27.4%
Northeast	4,937	12.2%
	17,142	42.3%
South		
West	7,000	17.3%
Missing	****	****
Other	****	****

cder\_mpl1p\_wp085 Page 27 of 390



Table 1e. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 5-	
	17 Years	
		Percent/Standard
Health Characteristics	Number/Percent	Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	0.5	0.9
Combined comorbidity score categories		
<=0	25,428	62.7%
1-2	13,854	34.2%
3-4	1,070	2.6%
5+	172	0.4%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	23,536	58.1%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	40,524	100.0%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	1,436	3.5%
Medication for Opioid-Related Disorders on index date or year prior	****	****
Antidepressant Medication on index date or year prior	12,186	30.1%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	3,570	8.8%
Antipsychotic Medication on index date or year prior	4,355	10.7%
Mood Stabilizers on index date or year prior	2,198	5.4%
Cancer on index date or year prior	56	0.1%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	7,678	18.9%
ADHD on Index Date or year prior	32,218	79.5%
Conduct or Adjustment Disorders or other related disorders on index date or	8,859	21.9%
year prior		
Narcolepsy on index date or year prior	25	0.1%
Binge-Eating Disorder on index date or year prior	36	0.1%
ADHD on Index Date or 30 days Prior	26,103	64.4%
Conduct or Adjustment Disorders or other related disorders on index date or	5,012	12.4%
30 days Prior		
Narcolepsy on index date or 30 days Prior	****	****
Binge-Eating Disorder on index date or 30 days Prior	18	0.0%
Hypertension on index date or year prior	360	0.9%
Coronary artery disease on index date or year prior	41	0.1%
Cardiac arrhythmia on index date or year prior	1,186	2.9%
Cardiomyopathy on index date or year prior	33	0.1%
Cardiac structural abnormality on index date or year prior	534	1.3%
All other diseases of the circulatory system on index date or year prior	501	1.2%
Epilepsy or recurrent seizures on index date or year prior	841	2.1%
Other seizure or convulsions on index date or year prior	906	2.2%
Depression on index date or year prior	7,293	18.0%
Anxiety on index date or year prior	15,733	38.8%
Bipolar Disorder on index date or year prior	1,078	2.7%
Sleep Disorder on index date or year prior	3,700	9.1%
Psychotic Disorder on index date or year prior	739	1.8%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	1,230	3.0%
Manic Episode on index date or year prior	41	0.1%
Other	****	****

cder\_mpl1p\_wp085 Page 28 of 390



Table 1e. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

Health Characteristics	Age 3 17 Tears, in the sentine bistributed butdbase (555) from April 2, 2021	ADHD Non-Stimulant Medication Patients of Age 5- 17 Years	
Any Substance-Related Disorders on index date or year prior 1,360 3.4% Opioid-Related Disorders on index date or year prior 154 0.3% Stimulant-Related Disorders on index date or year prior 169 0.4% Cocaine-Related Disorders on index date or year prior 49 0.1% Other Stimulant-Related Disorders on index date or year prior 49 0.1% Other Stimulant-Related Disorders on index date or year prior 377 0.9% Alcohol-Related Disorders on index date or year prior 377 0.9% Cannabis-Related Disorders on index date or year prior 377 0.9% Cannabis-Related Disorders on index date or year prior 387 1.0% Nicotine Use Excluding Tobacco-Related Disorders on index date or year prior 387 1.0% Nicotine Use Excluding Tobacco-Related Disorders on index date or year prior 387 1.0% Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior 387 1.0% Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior 39 0.1% year prior	Health Characteristics	Number	Percent
Opioid-Related Disorders on index date or year prior  Stimulant-Related Disorders on index date or year prior  Cocaine-Related Disorders on index date or year prior  Other Stimulant-Related Disorders on index date or year prior  Other Stimulant-Related Disorders on index date or year prior  Alcohol-Related Disorders on index date or year prior  Alcohol-Related Disorders on index date or year prior  Cannabis-Related Disorders on index date or year prior  Cannabis-Related Disorders on index date or year prior  Opioid Poisonders on index date or year prior  Nototine Use Excluding Tobacco-Related Disorder on index date or year prior  Unintentional or Undetermined Poisoning by Broad Category on index date or 99  Opioid Poisoning or Unintentional or Undetermined Intent on index date or 99  Opioid Poisoning or Unintentional or Undetermined Intent on index date or 99  Vear prior  Stimulant Poisoning or Unintentional or Undetermined Intent on index date or 99  Vear prior  Intentional Poisoning by Broad Category on index date or year prior  No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 158  No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 14,415  35.6%  Index date or 30 days Prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281  3.2%  disorder on index date or year prior  At least One Encounter in the Emergency Department in Year Prior 8,564  At least One Encounter in the Emergency Department in Year Prior 2,441  6.0%  At least One Encounter in the Outpatient Care Setting in Year Prior 3,9,997  At least One Encounter in the Outpatient Care Setting in Year Prior 3,9,997  At least One Encounter in the Outpatient Care Setting in Year Prior 3,9,997  At least One Encounter in the Outpatient Care Setting in Year Prior 3,9,997  At least One Encounter in the Outpatient Care Setting in Year Prior 3,9,997  At least One Encounter in the Outpatient Care Setting in Year Prior 3,9,997  At least One Encounter in the Outpatient Care Setting in Year Prior 3,9	Autistic Disorder on index date or year prior	5,154	12.7%
Stimulant-Related Disorders on index date or year prior 49 0.1% Cocaine-Related Disorders on index date or year prior 49 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1%	Any Substance-Related Disorders on index date or year prior	1,360	3.4%
Cocaine-Related Disorders on index date or year prior Other Stimulant-Related Disorders on index date or year prior Alcohal-Related Disorders on index date or year prior Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior Unintentional or Undetermined Poisoning by Broad Category on index date or year prior Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior Intentional Poisoning by Broad Category on index date or year prior No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 158 O.49 No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 14,415 Society of Year prior No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281 Society of Society of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281 Society of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 Society of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 Society of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 Society of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 Society of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 Society of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 Society of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 Society of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 Society of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 Society	Opioid-Related Disorders on index date or year prior	134	0.3%
Other Stimulant-Related Disorders on index date or year prior 377 0.9% Alcohol-Related Disorders on index date or year prior 377 0.9% 1.000 1.00	Stimulant-Related Disorders on index date or year prior	169	0.4%
Alcohol-Related Disorders on index date or year prior 948 2.3% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0	Cocaine-Related Disorders on index date or year prior	49	0.1%
Camnabis-Related Disorders on index date or year prior 387 1.0% Tobacco-Related Disorders on index date or year prior 387 1.0% Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior 103 0.3% Unintentional or Undetermined Poisoning by Broad Category on index date or year prior Opicid Poisoning or Unintentional or Undetermined Intent on index date or year prior Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior Intentional Poisoning by Broad Category on index date or year prior Intentional Poisoning by Broad Category on index date or year prior Intentional Poisoning by Broad Category on index date or year prior Index date or year prior Index date or year prior No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior No diagnosis of ADHO and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior No diagnosis of ADHO/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior No diagnosis of ADHO/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior No diagnosis of ADHO/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior At least One Encounter in the Emergency Department in Year Prior 2,441 6,0% At least One Encounter in the Untpatient Care Setting in Year Prior 2,441 6,0% At least One Encounter in the Untpatient Care Setting in Year Prior 3,997 98.7%  Medical Product Use - Concurrent Use Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 Consecutive days Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 Consecutive days Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 Consecutive days Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 Consecutive days Concurrent ADHO Stimulant medication with ADHD Non-St	Other Stimulant-Related Disorders on index date or year prior	136	0.3%
Tobacco-Related Disorders on index date or year prior Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior Unintentional or Undetermined Poisoning by Broad Category on index date or year prior Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior Stimulant Poisoning by Broad Category on index date or year prior Intentional Poisoning by Broad Category on index date or year prior No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 8,290 No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 14,415 No diagnosis of ADHD Aph on Narcolepsy and no Binge-Eating Disorder on 14,415 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 No diagnosis o	Alcohol-Related Disorders on index date or year prior	377	0.9%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior 59 0.1%  Verintentional or Undetermined Poisoning by Broad Category on index date or 59 0.1%  vear prior 70  Opioid Poisoning or Unintentional or Undetermined Intent on index date or 70  Very prior 70  Stimulant Poisoning or Unintentional or Undetermined Intent on index date 70  Very prior 80  Intentional Poisoning by Broad Category on index date 70  Very prior 91  Intentional Poisoning by Broad Category on index date 70  Very prior 92  Intentional Poisoning by Broad Category on index date 70  Very prior 94  No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder 70  No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder 70  No diagnosis of ADHD And no Narcolepsy and no Binge-Eating Disorder 70  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 71  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis 71  No diagnosis 71	Cannabis-Related Disorders on index date or year prior	948	2.3%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior Stimulant Poisoning or Unintentional or Undetermined Intent on index date 12 0.0% or year prior Intentional Poisoning by Broad Category on index date or year prior 158 0.4% No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 8,290 20.5% index date or year prior No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 14,415 35.6% index date or 30 days Prior No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct on index date or year prior No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior No diagnosis of Encounter in the Emergency Department in Year Prior Rt least One Encounter in the Emergency Department in Year Prior 2,441 6.0% At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0% At least One Encounter in the Untpatient Care Setting in Year Prior 39,997 98.7% PMEDICAL USE - Concurrent USE  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9% ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 5,979 5.6% 14.8% medication for at least 7 consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 5,979 5.6% 14.8% medication for at least 7 consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication	Tobacco-Related Disorders on index date or year prior	387	1.0%
year prior Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior Stimulant Poisoning or Unintentional or Undetermined Intent on index date 12 0.0% or year prior Intentional Poisoning by Broad Category on index date or year prior Intentional Poisoning by Broad Category on index date or year prior Intentional Poisoning by Broad Category on index date or year prior No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 8,290 20.5% index date or year prior No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 14,415 35.6% index date or 30 days Prior No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281 3.2% disorder on index date or year prior No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7% disorder on index date or year prior No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7% disorder on index date or 30 days Prior At least One Encounter in the Emergency Department in Year Prior 8,564 21.1% At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0% At least One Encounter in the Uptatient Care Setting in Year Prior 39,997 98.7%  Medical Product Use - Concurrent Use Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent tonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9% ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 6,979 5.96  14.8% Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 6,979 6.96  14.8% Concurrent ADHD Opioid Analgesic with ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%	Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	103	0.3%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior Stimulant Poisoning or Unintentional or Undetermined Intent on index date and the prior or Intentional Poisoning by Broad Category on index date or year prior and poisoning by Broad Category on index date or year prior and poisoning by Broad Category on index date or year prior and poisoning by Broad Category and no Binge-Eating Disorder on a 8,290 and 20.5% index date or year prior by Glagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on and the prior of the p	Unintentional or Undetermined Poisoning by Broad Category on index date or	59	0.1%
year prior Stimulant Poisoning or Unintentional or Undetermined Intent on index date 12 0.0% or year prior Intentional Poisoning by Broad Category on index date or year prior 158 0.4% No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 8,290 20.5% index date or year prior No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 14,415 35.6% index date or 30 days Prior 10,000 and prior Norcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281 3.2% disorder on index date or 30 days Prior 10,000 and 10,000	year prior		
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or year prior Intentional Poisoning by Broad Category on index date or year prior Index date or year prior No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 8,290 20.5% index date or year prior No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 14,415 35.6% index date or 30 days Prior No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281 3.2% disorder on index date or year prior No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7% disorder on index date or year prior No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7% disorder on index date or 30 days Prior At least One Encounter in the Emergency Department in Year Prior 8,564 21.1% At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0% At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%  Medical Product Use - Concurrent Use Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9% ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		12	0.0%
Intentional Poisoning by Broad Category on index date or year prior 8,290 20.5%  No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 8,290 20.5%  index date or year prior 7.5%  No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 14,415 35.6%  index date or 30 days Prior 7.5%  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281 3.2%  disorder on index date or year prior 8.5%  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7%  disorder on index date or days Prior 8.564 21.1%  At least One Encounter in the Emergency Department in Year Prior 8.564 21.1%  At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0%  At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%  Medical Product Use - Concurrent Use 5.0%  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8%  consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 116 0.3%		12	0.070
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior  No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 14,415 35.6% index date or 30 days Prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281 3.2% disorder on index date or year prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7% disorder on index date or 30 days Prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7% disorder on index date or 30 days Prior  At least One Encounter in the Emergency Department in Year Prior 8,564 21.1% At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0% At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%  Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 15,253 37.6% consecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 2 2.3% least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9% ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 5.36% medication for at least 7 consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		158	0.4%
index date or year prior  No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on 14,415 35.6% index date or 30 days Prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281 3.2% disorder on index date or year prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7% disorder on index date or year prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7% disorder on index date or 30 days Prior  At least One Encounter in the Emergency Department in Year Prior 8,564 21.1% 6.0% At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0% At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%   Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 15,253 37.6% 7 consecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at 937 2.3% least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9% ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at 149 0.4% least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%			
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281 3.2% disorder on index date or year prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7% disorder on index date or 30 days Prior  At least One Encounter in the Emergency Department in Year Prior 8,564 21.1% At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0% At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%   Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 937 2.3% least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9% ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		0,230	20.5/0
index date or 30 days Prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,281 3.2% disorder on index date or year prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7% disorder on index date or 30 days Prior  At least One Encounter in the Emergency Department in Year Prior 8,564 21.1% At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0% At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%  Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 15,253 37.6%  7 consecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at 937 2.3% least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9% ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6% medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4% least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		1/1 //15	35.6%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2,7% disorder on index date or 30 days Prior  At least One Encounter in the Emergency Department in Year Prior 8,564 21.1% At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0% At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%  Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 15,253 37.6% 7 consecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at 937 2.3% least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9% ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6% medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4% least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		14,413	33.070
disorder on index date or year prior  No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct 1,098 2.7%  disorder on index date or 30 days Prior  At least One Encounter in the Emergency Department in Year Prior 8,564 21.1%  At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0%  At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%  Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 15,253 37.6%  7 consecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at 937 2.3%  least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9%  ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8%  consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 53.6%  medication for at least 7 consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 166 0.3%	•	1 201	2 7%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior  At least One Encounter in the Emergency Department in Year Prior 8,564 21.1%  At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0%  At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%  Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 15,253 37.6%  Tonsecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at 937 2.3%  least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9%  ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8%  consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 5,979 14.8%  consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-stimulant medication for at 149 0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		1,201	3.270
disorder on index date or 30 days Prior At least One Encounter in the Emergency Department in Year Prior At least One Encounter in the Inpatient Care Setting in Year Prior At least One Encounter in the Inpatient Care Setting in Year Prior At least One Encounter in the Outpatient Care Setting in Year Prior At least One Encounter in the Outpatient Care Setting in Year Prior At least One Encounter in the Outpatient Care Setting in Year Prior At least One Encounter in the Outpatient Care Setting in Year Prior At least One Encounter in the Outpatient Care Setting in Year Prior Ag, 93,997 As, 76%  Medical Product Use - Concurrent Use Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent benzodiazepines with ADHD Non-Stimulant medication for at ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 Consecutive days Concurrent ADHD Stimulant medication with ADHD Non-Stimulant ADHD Non-Stimulant medication with ADHD Non-Stimulant ADHD Non-Stimulant medication with ADHD Non-Stimulant medication for at least 7 Consecutive days Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-II Opioid Analgesic for at ADHO Non-Stimulant medication with C-I		1 008	2 7%
At least One Encounter in the Emergency Department in Year Prior 2,441 6.0% At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0% At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%  Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 15,253 37.6%  7 consecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9%  ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8%  consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6%  medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		1,030	2.770
At least One Encounter in the Inpatient Care Setting in Year Prior 2,441 6.0% At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%  Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at 937 2.3%  least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9%  ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8%  consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6%  medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%	•	8 564	21 1%
At least One Encounter in the Outpatient Care Setting in Year Prior 39,997 98.7%  Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at 937 2.3%  least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9%  ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8%  consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6%  medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%	_ ' ' '	·	
Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least 15,253 37.6% 7 consecutive days Concurrent benzodiazepines with ADHD Non-Stimulant medication for at 937 2.3% least 7 consecutive days Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9% ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6% medication for at least 7 consecutive days Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4% least 7 consecutive days Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%	·		
Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent benzodiazepines with ADHD Non-Stimulant medication for at 937 2.3% least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9% ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6% medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4% least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%	<del>-</del>	33,337	96.770
7 consecutive days Concurrent benzodiazepines with ADHD Non-Stimulant medication for at 937 2.3% least 7 consecutive days Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9% ADHD Non-Stimulant medication for at least 7 consecutive days Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6% medication for at least 7 consecutive days Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4% least 7 consecutive days Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		15 253	37.6%
Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9%  ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8%  consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6%  medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		13,233	37.070
least 7 consecutive days  Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with 1,161 2.9%  ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8%  consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6%  medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%	·	937	2 3%
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with  ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8%  consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6%  medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%	·	337	2.370
ADHD Non-Stimulant medication for at least 7 consecutive days  Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8%  consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6%  medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%	·	1 161	2 9%
Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 5,979 14.8% consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6% medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4% least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		1,101	2.370
consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant 21,726 53.6%  medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%	·	5 979	14.8%
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant  21,726  53.6%  medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at  149  0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at  116  0.3%		3,313	14.0/0
medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at 149 0.4%  least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%	•	21 726	53.6%
Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		21,720	JJ.U/0
least 7 consecutive days Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%	•	149	0.4%
Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at 116 0.3%		177	0.4/0
	·	116	0.3%
Jeast 7 Consecutive days	least 7 consecutive days	110	0.5/0

cder\_mpl1p\_wp085 Page 29 of 390



Table 1e. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 5- 17 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	208	0.5%
Amphetamine Single-entity Products Extended Release Oral Solid	322	0.8%
Amphetamine Single-entity Products Extended Release Oral Liquid	232	0.6%
Dextroamphetamine Single-entity Products Immediate Release	464	1.1%
Dextroamphetamine Single-entity Products Extended Release	302	0.7%
Amphetamine/Dextroamphetamine Combination Products Immediate	4,615	11.4%
Release	,	
Amphetamine/Dextroamphetamine Combination Products Extended Release	6,749	16.7%
Lisdexamfetamine Extended Release	8,744	21.6%
Methamphetamine Single-entity Products Immediate Release	****	****
Methylphenidate Single-entity Products Immediate Release	5,185	12.8%
Methylphenidate Single-entity Products Extended Release Oral Solid	11,702	28.9%
Methylphenidate Single-entity Products Extended Release Oral Liquid	451	1.1%
Methylphenidate Single-entity Products Extended Release Transdermal Patch	382	0.9%
Dexmethylphenidate Single-entity Products Immediate Release	2,693	6.6%
Dexmethylphenidate Single-entity Products Extended Release	5,099	12.6%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	239	0.6%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	11,351	28.0%
Release		
Any ADHD Stimulant API Extended Release	23,728	58.6%
Atomoexetine Immediate Release	16,550	40.8%
Guanfacine Extended Release	26,767	66.1%
Viloxazine Extended Release	476	1.2%
Clonidine Extended Release	2,830	7.0%
Any ADHD Non-Stimulant API Extended Release	28,603	70.6%
Codeine	0	0.0%
Fentanyl	****	****
Hydrocodone	2,950	7.3%
Hydromorphone	31	0.1%
Morphine	15	0.0%
Oxycodone	1,338	3.3%
Oxymorphone	****	****
Other C-II Opioid Analgesics	25	0.1%

cder\_mpl1p\_wp085 Page 30 of 390



Table 1e. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 5- 17 Years  Mean Standard Deviation	
Health Service Utilization Intensity Metrics		
Mean number of ambulatory encounters	17.3	22.0
Mean number of emergency room encounters	0.3	1.3
Mean number of inpatient hospital encounters	0.1	0.5
Mean number of non-acute institutional encounters	0.0	0.2
Mean number of other ambulatory encounters	2.7	14.5
Mean number of filled prescriptions	14.5	14.0
Mean number of generics dispensed	4.8	3.2
Mean number of unique drug classes dispensed	4.6	2.9
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: F902 — Attention-Deficit Hyperactivity Disorder Combined Type	14,813	36.6%
Diagnosis 2: F900 — Attention-Deficit Hyperactivity Disorder Inattentive Type	6,064	15.0%
Diagnosis 3: F909 — Attention-Deficit Hyperactivity Disorder Unspecified	5,783	14.3%
Diagnosis 4: F411 — Generalized Anxiety Disorder	5,211	12.9%
Diagnosis 5: F419 — Anxiety Disorder Unspecified	5,099	12.6%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 31 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 Initiators of Schedule II (C-II) Opioid Analgesics, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

Database (SDD) from April 1, 2018 to March 31, 2020	Schedule II (C-II) Opioid Analgesics Patients of Age 5-17 Years		
Patient Characteristics	Number		
Unique patients	25,437		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	25,400	99.9%	
Medicare Members	37	0.2%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	13.4	3.9	
Age	Number	Percent	
5-12 years	9,186	36.1%	
13-17 years	16,251	63.9%	
Sex	,		
Female	13,092	51.5%	
Male	12,345	48.5%	
Race <sup>1</sup>			
American Indian or Alaska Native	****	****	
Asian	88	0.3%	
Black or African American	152	0.6%	
Multi-racial	415	1.6%	
Native Hawaiian or Other Pacific Islander	****	****	
Unknown	22,821	89.7%	
White	1,943	7.6%	
Hispanic origin			
Yes	204	0.8%	
No	659	2.6%	
Unknown	24,574	96.6%	
Year			
2018	13,575	53.4%	
2019	10,599	41.7%	
2020	1,263	5.0%	
Census Bureau Region <sup>2</sup>			
Invalid	166	0.7%	
Midwest	7,364	29.0%	
Northeast	1,534	6.0%	
South	10,893	42.8%	
West	5,446	21.4%	
Missing	****	****	
Other	****	****	

cder\_mpl1p\_wp085 Page 32 of 390



Table 1f. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 5-17 Years	
	Number/Percent	Percent/Standard
Health Characteristics		Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	0.4	1.1
Combined comorbidity score categories		
<=0	18,502	72.7%
1-2	6,091	23.9%
3-4	526	2.1%
5+	318	1.3%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	1,934	7.6%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	419	1.6%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	25,437	100.0%
Medication for Opioid-Related Disorders on index date or year prior	0	0.0%
Antidepressant Medication on index date or year prior	2,363	9.3%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	2,942	11.6%
Antipsychotic Medication on index date or year prior	469	1.8%
Mood Stabilizers on index date or year prior	376	1.5%
Cancer on index date or year prior	201	0.8%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	12,141	47.7%
ADHD on Index Date or year prior	2,328	9.2%
Conduct or Adjustment Disorders or other related disorders on index date or	610	2.4%
year prior		
Narcolepsy on index date or year prior	16	0.1%
Binge-Eating Disorder on index date or year prior	****	****
ADHD on Index Date or 30 days Prior	1,010	4.0%
Conduct or Adjustment Disorders or other related disorders on index date or	180	0.7%
30 days Prior		
Narcolepsy on index date or 30 days Prior	11	0.0%
Binge-Eating Disorder on index date or 30 days Prior	0	0.0%
Hypertension on index date or year prior	338	1.3%
Coronary artery disease on index date or year prior	51	0.2%
Cardiac arrhythmia on index date or year prior	916	3.6%
Cardiomyopathy on index date or year prior	47	0.2%
Cardiac structural abnormality on index date or year prior	404	1.6%
All other diseases of the circulatory system on index date or year prior	702	2.8%
Epilepsy or recurrent seizures on index date or year prior	351	1.4%
Other seizure or convulsions on index date or year prior	352	1.4%
Depression on index date or year prior	1,693	6.7%
Anxiety on index date or year prior	3,014	11.8%
Bipolar Disorder on index date or year prior	143	0.6%
Sleep Disorder on index date or year prior	5,346	21.0%
Psychotic Disorder on index date or year prior	86	0.3%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	203	0.8%
Manic Episode on index date or year prior	11	0.0%
Other	****	****

cder\_mpl1p\_wp085 Page 33 of 390



Table 1f. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

Database (300) Iroin April 1, 2018 to March 31, 2020	Schedule II (C-II) Opioid Analgesics Patients of Age 5-17 Years	
Health Characteristics	Number	Percent
Autistic Disorder on index date or year prior	401	1.6%
Any Substance-Related Disorders on index date or year prior	417	1.6%
Opioid-Related Disorders on index date or year prior	114	0.4%
Stimulant-Related Disorders on index date or year prior	****	****
Cocaine-Related Disorders on index date or year prior	****	****
Other Stimulant-Related Disorders on index date or year prior	****	****
Alcohol-Related Disorders on index date or year prior	55	0.2%
Cannabis-Related Disorders on index date or year prior	140	0.6%
Tobacco-Related Disorders on index date or year prior	148	0.6%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	31	0.1%
Unintentional or Undetermined Poisoning by Broad Category on index date or	11	0.0%
year prior		
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	****	****
Stimulant Poisoning or Unintentional or Undetermined Intent on index date	****	****
or year prior		
Intentional Poisoning by Broad Category on index date or year prior	102	0.4%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	23,091	90.8%
	24.446	06.00/
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	24,416	96.0%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	308	1.2%
disorder on index date or year prior		
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	101	0.4%
disorder on index date or 30 days Prior	7.054	22.50/
At least One Encounter in the Emergency Department in Year Prior	7,254	28.5%
At least One Encounter in the Inpatient Care Setting in Year Prior	2,972	11.7%
At least One Encounter in the Outpatient Care Setting in Year Prior	25,110	98.7%
Medical Product Use - Concurrent Use		
Concurrent antidepressants with C-II Opioid Analgesic for at least 7	1,569	6.2%
consecutive days		
Concurrent benzodiazepines with C-II Opioid Analgesic for at least 7	949	3.7%
consecutive days		
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with C-II	107	0.4%
Opioid Analgesic for at least 7 consecutive days		
Concurrent antipsychotics with C-II Opioid Analgesic for at least 7 consecutive	271	1.1%
days	0.02	2.00/
Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7 consecutive days	963	3.8%
Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at	220	0.9%
least 7 consecutive days	220	0.570
Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least	950	3.7%
7 consecutive days	330	3.770
Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at	217	0.9%
least 7 consecutive days		

cder\_mpl1p\_wp085 Page 34 of 390



Table 1f. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 5-17 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	18	0.1%
Amphetamine Single-entity Products Extended Release Oral Solid	35	0.1%
Amphetamine Single-entity Products Extended Release Oral Liquid	14	0.1%
Dextroamphetamine Single-entity Products Immediate Release	43	0.2%
Dextroamphetamine Single-entity Products Extended Release	24	0.1%
Amphetamine/Dextroamphetamine Combination Products Immediate	688	2.7%
Release		
Amphetamine/Dextroamphetamine Combination Products Extended Release	948	3.7%
Lisdexamfetamine Extended Release	1,008	4.0%
Methamphetamine Single-entity Products Immediate Release	0	0.0%
Methylphenidate Single-entity Products Immediate Release	430	1.7%
Methylphenidate Single-entity Products Extended Release Oral Solid	1,150	4.5%
Methylphenidate Single-entity Products Extended Release Oral Liquid	33	0.1%
Methylphenidate Single-entity Products Extended Release Transdermal Patch	22	0.1%
Dexmethylphenidate Single-entity Products Immediate Release	184	0.7%
Dexmethylphenidate Single-entity Products Extended Release	443	1.7%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	26	0.1%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	1,221	4.8%
Release		
Any ADHD Stimulant API Extended Release	2,782	10.9%
Atomoexetine Immediate Release	388	1.5%
Guanfacine Extended Release	446	1.8%
Viloxazine Extended Release	32	0.1%
Clonidine Extended Release	90	0.4%
Any ADHD Non-Stimulant API Extended Release	536	2.1%
Codeine	11	0.0%
Fentanyl	31	0.1%
Hydrocodone	18,520	72.8%
Hydromorphone	236	0.9%
Morphine	192	0.8%
Oxycodone	9,320	36.6%
Oxymorphone	0	0.0%
Other C-II Opioid Analgesics	115	0.5%

cder\_mpl1p\_wp085 Page 35 of 390



Table 1f. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 5-17 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 5-17 Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	13.7	14.8
Mean number of emergency room encounters	0.5	1.0
Mean number of inpatient hospital encounters	0.2	0.8
Mean number of non-acute institutional encounters	0.0	1.0
Mean number of other ambulatory encounters	2.1	10.7
Mean number of filled prescriptions	9.9	12.2
Mean number of generics dispensed	5.4	3.7
Mean number of unique drug classes dispensed	4.9	3.2
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: J353 — Hypertrophy Tonsils With Hypertrophy Of Adenoids	5,273	20.7%
Diagnosis 2: G8918 — Other Acute Postprocedural Pain	4,172	16.4%
Diagnosis 3: J351 — Hypertrophy Of Tonsils	3,242	12.7%
Diagnosis 4: Z01818 — Encounter For Other Preprocedural Examination	3,033	11.9%
Diagnosis 5: J3501 — Chronic Tonsillitis	3,016	11.9%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 36 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1g. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

10-23 Tears, in the Sentiner Distributed Database (SDD) from	ADHD Stimulant Medication Patients of Age 18-25 Years		
Patient Characteristics	Number		
Unique patients	74,479		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	72,981	98.0%	
Medicare Members	1,498	2.0%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	21.9	2.3	
Age	Number	Percent	
18-25 years	74,479	100.0%	
Sex			
Female	36,877	49.5%	
Male	37,602	50.5%	
Race <sup>1</sup>			
American Indian or Alaska Native	47	0.1%	
Asian	359	0.5%	
Black or African American	573	0.8%	
Multi-racial	1,131	1.5%	
Native Hawaiian or Other Pacific Islander	19	0.0%	
Unknown	64,735	86.9%	
White	7,615	10.2%	
Hispanic origin			
Yes	743	1.0%	
No	3,422	4.6%	
Unknown	70,314	94.4%	
Year			
2018	26,984	36.2%	
2019	37,279	50.1%	
2020	10,216	13.7%	
Census Bureau Region <sup>2</sup>			
Invalid	694	0.9%	
Midwest	17,062	22.9%	
Northeast	10,532	14.1%	
South	32,194	43.2%	
West	13,813	18.6%	
Missing	173	0.2%	
Other	11	0.0%	

cder\_mpl1p\_wp085 Page 37 of 390



Table 1g. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		ADHD Stimulant Medication Patients of Age 18-25	
	Years		
		Percent/Standard	
Health Characteristics	Number/Mean	Deviation <sup>3</sup>	
Combined comorbidity score <sup>4</sup>	0.6	0.9	
Combined comorbidity score categories			
<=0	42,896	57.6%	
1-2	28,752	38.6%	
3-4	2,417	3.2%	
5+	414	0.6%	
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	74,479	100.0%	
index date or year prior			
ADHD Non-Stimulant Medication on index date or year prior	3,314	4.4%	
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	9,039	12.1%	
Medication for Opioid-Related Disorders on index date or year prior	320	0.4%	
Antidepressant Medication on index date or year prior	29,268	39.3%	
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	13,699	18.4%	
Antipsychotic Medication on index date or year prior	6,230	8.4%	
Mood Stabilizers on index date or year prior	5,018	6.7%	
Cancer on index date or year prior	155	0.2%	
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	21,212	28.5%	
ADHD on Index Date or year prior	45,251	60.8%	
Conduct or Adjustment Disorders or other related disorders on index date or	1,218	1.6%	
year prior			
Narcolepsy on index date or year prior	496	0.7%	
Binge-Eating Disorder on index date or year prior	734	1.0%	
ADHD on Index Date or 30 days Prior	39,600	53.2%	
Conduct or Adjustment Disorders or other related disorders on index date or	456	0.6%	
30 days Prior			
Narcolepsy on index date or 30 days Prior	331	0.4%	
Binge-Eating Disorder on index date or 30 days Prior	577	0.8%	
Hypertension on index date or year prior	1,731	2.3%	
Coronary artery disease on index date or year prior	163	0.2%	
Cardiac arrhythmia on index date or year prior	2,791	3.7%	
Cardiomyopathy on index date or year prior	61	0.1%	
Cardiac structural abnormality on index date or year prior	325	0.4%	
All other diseases of the circulatory system on index date or year prior	1,297	1.7%	
Epilepsy or recurrent seizures on index date or year prior	688	0.9%	
Other seizure or convulsions on index date or year prior	764	1.0%	
Depression on index date or year prior	21,657	29.1%	
Anxiety on index date or year prior	28,322	38.0%	
Bipolar Disorder on index date or year prior	4,180	5.6%	
Sleep Disorder on index date or year prior	6,877	9.2%	
Psychotic Disorder on index date or year prior	1,149	1.5%	
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	2,677	3.6%	

cder\_mpl1p\_wp085 Page 38 of 390



Table 1g. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 18-	
	Years	
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	102	0.1%
Autistic Disorder on index date or year prior	1,489	2.0%
Any Substance-Related Disorders on index date or year prior	8,260	11.1%
Opioid-Related Disorders on index date or year prior	944	1.3%
Stimulant-Related Disorders on index date or year prior	891	1.2%
Cocaine-Related Disorders on index date or year prior	483	0.6%
Other Stimulant-Related Disorders on index date or year prior	568	0.8%
Alcohol-Related Disorders on index date or year prior	2,305	3.1%
Cannabis-Related Disorders on index date or year prior	2,875	3.9%
Tobacco-Related Disorders on index date or year prior	4,679	6.3%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	1,155	1.6%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	178	0.2%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or	85	0.1%
year prior  Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	34	0.0%
Intentional Poisoning by Broad Category on index date or year prior	178	0.2%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	28,346	38.1%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	34,149	45.9%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior	318	0.4%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior	144	0.2%
At least One Encounter in the Emergency Department in Year Prior	15,471	20.8%
At least One Encounter in the Inpatient Care Setting in Year Prior	3,577	4.8%
At least One Encounter in the Outpatient Care Setting in Year Prior	69,023	92.7%
Medical Product Use - Concurrent Use	·	
Concurrent antidepressants with ADHD Stimulant medication for at least 7 consecutive days	32,315	43.4%
Concurrent benzodiazepines with ADHD Stimulant medication for at least 7	7,548	10.1%
consecutive days Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with	5,328	7.2%
ADHD Stimulant medication for at least 7 consecutive days		
Concurrent antipsychotics with ADHD Stimulant medication for at least 7 consecutive days	7,406	9.9%
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days	2,839	3.8%
Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7	1,614	2.2%
consecutive days  Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	965	1.3%

cder\_mpl1p\_wp085 Page 39 of 390



Table 1g. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 18-25 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History		
Amphetamine Single-entity Products Immediate Release	263	0.4%
Amphetamine Single-entity Products Extended Release Oral Solid	282	0.4%
Amphetamine Single-entity Products Extended Release Oral Liquid	44	0.1%
Dextroamphetamine Single-entity Products Immediate Release	1,015	1.4%
Dextroamphetamine Single-entity Products Extended Release	532	0.7%
Amphetamine/Dextroamphetamine Combination Products Immediate	32,355	43.4%
Release		
Amphetamine/Dextroamphetamine Combination Products Extended Release	27,656	37.1%
Lisdexamfetamine Extended Release	23,699	31.8%
Methamphetamine Single-entity Products Immediate Release	****	****
Methylphenidate Single-entity Products Immediate Release	7,795	10.5%
Methylphenidate Single-entity Products Extended Release Oral Solid	12,426	16.7%
Methylphenidate Single-entity Products Extended Release Oral Liquid	29	0.0%
Methylphenidate Single-entity Products Extended Release Transdermal Patch	136	0.2%
Dexmethylphenidate Single-entity Products Immediate Release	1,637	2.2%
Dexmethylphenidate Single-entity Products Extended Release	2,524	3.4%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	49	0.1%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	39,916	53.6%
Release		
Any ADHD Stimulant API Extended Release	55,916	75.1%
Atomoexetine Immediate Release	3,008	4.0%
Guanfacine Extended Release	1,057	1.4%
Viloxazine Extended Release	53	0.1%
Clonidine Extended Release	135	0.2%
Any ADHD Non-Stimulant API Extended Release	1,216	1.6%
Codeine	****	****
Fentanyl	21	0.0%
Hydrocodone	9,500	12.8%
Hydromorphone	189	0.3%
Morphine	64	0.1%
Oxycodone	5,463	7.3%
Oxymorphone	0	0.0%
Other C-II Opioid Analgesics	42	0.1%

cder\_mpl1p\_wp085 Page 40 of 390



Table 1g. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		ation Patients of Age 18-25 Years
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	11.0	14.5
Mean number of emergency room encounters	0.4	1.0
Mean number of inpatient hospital encounters	0.1	0.4
Mean number of non-acute institutional encounters	0.0	0.2
Mean number of other ambulatory encounters	1.5	4.5
Mean number of filled prescriptions	11.9	14.3
Mean number of generics dispensed	5.5	4.4
Mean number of unique drug classes dispensed	5.1	3.9
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: F900 — Attention-Deficit Hyperactivity Disorder Inattentive Type	18,840	25.3%
Diagnosis 2: F909 — Attention-Deficit Hyperactivity Disorder Unspecified	10,946	14.7%
Diagnosis 3: F411 — Generalized Anxiety Disorder	9,973	13.4%
Diagnosis 4: F902 — Attention-Deficit Hyperactivity Disorder Combined Type	9,955	13.4%
Diagnosis 5: Z0000 — Encounter General Adult Medical Exam Without Abnormal Find	6,985	9.4%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 41 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1h. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		ADHD Non-Stimulant Medication Patients of Age 18-25 Years	
Patient Characteristics	Number		
Unique patients	13,896		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	12,684	91.3%	
Medicare Members	1,212	8.7%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	21.9	2.3	
Age	Number	Percent	
18-25 years	13,896	100.0%	
Sex			
Female	6,468	46.5%	
Male	7,428	53.5%	
Race <sup>1</sup>			
American Indian or Alaska Native	****	****	
Asian	69	0.5%	
Black or African American	242	1.7%	
Multi-racial	195	1.4%	
Native Hawaiian or Other Pacific Islander	****	****	
Unknown	11,389	82.0%	
White	1,972	14.2%	
Hispanic origin			
Yes	151	1.1%	
No	1,414	10.2%	
Unknown	12,331	88.7%	
Year			
2018	4,778	34.4%	
2019	7,141	51.4%	
2020	1,977	14.2%	
Census Bureau Region <sup>2</sup>			
Invalid	70	0.5%	
Midwest	3,471	25.0%	
Northeast	2,001	14.4%	
South	5,743	41.3%	
West	2,586	18.6%	
Missing	****	****	
	****	****	
Other			

cder\_mpl1p\_wp085 Page 42 of 390



Table 1h. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Ag 18-25 Years	
	Number/Mean	Percent/Standard
Health Characteristics		Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	1.1	1.4
Combined comorbidity score categories		
<=0	5,599	40.3%
1-2	6,863	49.4%
3-4	1,094	7.9%
5+	340	2.4%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	4,799	34.5%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	13,896	100.0%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	1,804	13.0%
Medication for Opioid-Related Disorders on index date or year prior	319	2.3%
Antidepressant Medication on index date or year prior	7,855	56.5%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	4,274	30.8%
Antipsychotic Medication on index date or year prior	3,336	24.0%
Mood Stabilizers on index date or year prior	2,305	16.6%
Cancer on index date or year prior	36	0.3%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	4,537	32.6%
ADHD on Index Date or year prior	8,260	59.4%
Conduct or Adjustment Disorders or other related disorders on index date or	693	5.0%
year prior		
Narcolepsy on index date or year prior	37	0.3%
Binge-Eating Disorder on index date or year prior	60	0.4%
ADHD on Index Date or 30 days Prior	6,526	47.0%
Conduct or Adjustment Disorders or other related disorders on index date or	270	1.9%
30 days Prior		
Narcolepsy on index date or 30 days Prior	11	0.1%
Binge-Eating Disorder on index date or 30 days Prior	29	0.2%
Hypertension on index date or year prior	833	6.0%
Coronary artery disease on index date or year prior	106	0.8%
Cardiac arrhythmia on index date or year prior	1,131	8.1%
Cardiomyopathy on index date or year prior	51	0.4%
Cardiac structural abnormality on index date or year prior	89	0.6%
All other diseases of the circulatory system on index date or year prior	443	3.2%
Epilepsy or recurrent seizures on index date or year prior	484	3.5%
Other seizure or convulsions on index date or year prior	495	3.6%
Depression on index date or year prior	5,822	41.9%
Anxiety on index date or year prior	7,471	53.8%
Bipolar Disorder on index date or year prior	1,994	14.3%
Sleep Disorder on index date or year prior	1,995	14.4%
Psychotic Disorder on index date or year prior	898	6.5%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	1,122	8.1%

cder\_mpl1p\_wp085 Page 43 of 390



Table 1h. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age	
	18-25 Years	
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	75	0.5%
Autistic Disorder on index date or year prior	1,106	8.0%
Any Substance-Related Disorders on index date or year prior	3,455	24.9%
Opioid-Related Disorders on index date or year prior	865	6.2%
Stimulant-Related Disorders on index date or year prior	1,063	7.6%
Cocaine-Related Disorders on index date or year prior	576	4.1%
Other Stimulant-Related Disorders on index date or year prior	758	5.5%
Alcohol-Related Disorders on index date or year prior	1,360	9.8%
Cannabis-Related Disorders on index date or year prior	1,791	12.9%
Tobacco-Related Disorders on index date or year prior	1,902	13.7%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	515	3.7%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	149	1.1%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	88	0.6%
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	36	0.3%
Intentional Poisoning by Broad Category on index date or year prior	146	1.1%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	5,599	40.3%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	7,352	52.9%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior	202	1.5%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior	120	0.9%
At least One Encounter in the Emergency Department in Year Prior	4,222	30.4%
At least One Encounter in the Inpatient Care Setting in Year Prior	1,858	13.4%
At least One Encounter in the Outpatient Care Setting in Year Prior	13,297	95.7%
Medical Product Use - Concurrent Use	,	
Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days	7,299	52.5%
Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days	1,390	10.0%
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Non-Stimulant medication for at least 7 consecutive days	1,343	9.7%
Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7	3,187	22.9%
consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant	3,821	27.5%
medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at	254	1.8%
least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	163	1.2%

cder\_mpl1p\_wp085 Page 44 of 390



Table 1h. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 18-25 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History		
Amphetamine Single-entity Products Immediate Release	41	0.3%
Amphetamine Single-entity Products Extended Release Oral Solid	30	0.2%
Amphetamine Single-entity Products Extended Release Oral Liquid	****	****
Dextroamphetamine Single-entity Products Immediate Release	153	1.1%
Dextroamphetamine Single-entity Products Extended Release	85	0.6%
Amphetamine/Dextroamphetamine Combination Products Immediate	2,454	17.7%
Release		
Amphetamine/Dextroamphetamine Combination Products Extended Release	2,393	17.2%
Lisdexamfetamine Extended Release	2,343	16.9%
Methamphetamine Single-entity Products Immediate Release	****	****
Methylphenidate Single-entity Products Immediate Release	768	5.5%
Methylphenidate Single-entity Products Extended Release Oral Solid	1,409	10.1%
Methylphenidate Single-entity Products Extended Release Oral Liquid	****	****
Methylphenidate Single-entity Products Extended Release Transdermal Patch	22	0.2%
Dexmethylphenidate Single-entity Products Immediate Release	196	1.4%
Dexmethylphenidate Single-entity Products Extended Release	326	2.3%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	12	0.1%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	3,222	23.2%
Release		
Any ADHD Stimulant API Extended Release	5,164	37.2%
Atomoexetine Immediate Release	10,566	76.0%
Guanfacine Extended Release	3,192	23.0%
Viloxazine Extended Release	22	0.2%
Clonidine Extended Release	775	5.6%
Any ADHD Non-Stimulant API Extended Release	3,922	28.2%
Codeine	****	****
Fentanyl	****	****
Hydrocodone	1,877	13.5%
Hydromorphone	61	0.4%
Morphine	26	0.2%
Oxycodone	1,146	8.2%
Oxymorphone	0	0.0%
Other C-II Opioid Analgesics	17	0.1%

cder\_mpl1p\_wp085 Page 45 of 390



Table 1h. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Medication Patients of Age 25 Years
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	18.7	27.7
Mean number of emergency room encounters	0.7	2.3
Mean number of inpatient hospital encounters	0.3	1.1
Mean number of non-acute institutional encounters	0.1	0.5
Mean number of other ambulatory encounters	3.3	10.9
Mean number of filled prescriptions	21.7	22.7
Mean number of generics dispensed	7.6	5.6
Mean number of unique drug classes dispensed	7.1	5.0
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: F900 — Attention-Deficit Hyperactivity Disorder Inattentive Type	2,779	20.0%
Diagnosis 2: F411 — Generalized Anxiety Disorder	2,733	19.7%
Diagnosis 3: F909 — Attention-Deficit Hyperactivity Disorder Unspecified	1,992	14.3%
Diagnosis 4: F419 — Anxiety Disorder Unspecified	1,861	13.4%
Diagnosis 5: F902 — Attention-Deficit Hyperactivity Disorder Combined Type	1,849	13.3%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 46 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1i. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Schedule II (C-II) Opioid Analgesics Patients of Age 18-25 Years	
Patient Characteristics	Number		
Unique patients	52,195		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	50,024	95.8%	
Medicare Members	2,171	4.2%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	22.3	2.3	
Age	Number	Percent	
18-25 years	52,195	100.0%	
Sex			
Female	29,197	55.9%	
Male	22,998	44.1%	
Race <sup>1</sup>			
American Indian or Alaska Native	****	****	
Asian	227	0.4%	
Black or African American	841	1.6%	
Multi-racial	584	1.1%	
Native Hawaiian or Other Pacific Islander	****	****	
Unknown	45,897	87.9%	
White	4,572	8.8%	
Hispanic origin			
Yes	579	1.1%	
No	3,080	5.9%	
Unknown	48,536	93.0%	
Year			
2018	23,971	45.9%	
2019	23,732	45.5%	
2020	4,492	8.6%	
Census Bureau Region <sup>2</sup>			
Invalid	411	0.8%	
Midwest	14,133	27.1%	
Northeast	4,015	7.7%	
South	21,658	41.5%	
	11,843	22.7%	
West	11,843 ****	22./% ****	
Missing			
Other	****	****	

cder\_mpl1p\_wp085 Page 47 of 390



Table 1i. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 18-25 Years	
		Percent/Standard
Health Characteristics	Number/Mean	Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	0.7	1.4
Combined comorbidity score categories		
<=0	32,294	61.9%
1-2	16,075	30.8%
3-4	2,386	4.6%
5+	1,440	2.8%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	4,180	8.0%
index date or year prior	,	
ADHD Non-Stimulant Medication on index date or year prior	421	0.8%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	52,195	100.0%
Medication for Opioid-Related Disorders on index date or year prior	129	0.2%
Antidepressant Medication on index date or year prior	11,561	22.1%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	8,822	16.9%
Antipsychotic Medication on index date or year prior	2,464	4.7%
Mood Stabilizers on index date or year prior	1,892	3.6%
Cancer on index date or year prior	509	1.0%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	28,976	55.5%
ADHD on Index Date or year prior	4,133	7.9%
Conduct or Adjustment Disorders or other related disorders on index date or	4,133	0.8%
year prior	410	0.870
Narcolepsy on index date or year prior	84	0.2%
Binge-Eating Disorder on index date or year prior	63	0.1%
ADHD on Index Date or 30 days Prior	1,602	3.1%
Conduct or Adjustment Disorders or other related disorders on index date or	116	0.2%
30 days Prior	110	0.270
Narcolepsy on index date or 30 days Prior	23	0.0%
Binge-Eating Disorder on index date or 30 days Prior	25 19	0.0%
Hypertension on index date or year prior		5.5%
Coronary artery disease on index date or year prior	2,866 447	0.9%
Cardiac arrhythmia on index date or year prior		
	3,940	7.5%
Cardiomyopathy on index date or year prior	208	0.4%
Cardiac structural abnormality on index date or year prior	461	0.9%
All other diseases of the circulatory system on index date or year prior	2,284	4.4%
Epilepsy or recurrent seizures on index date or year prior	1,056	2.0%
Other seizure or convulsions on index date or year prior	1,054	2.0%
Depression on index date or year prior	8,223	15.8%
Anxiety on index date or year prior	11,386	21.8%
Bipolar Disorder on index date or year prior	1,670	3.2%
Sleep Disorder on index date or year prior	5,371	10.3%
Psychotic Disorder on index date or year prior	584	1.1%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	1,261	2.4%

cder\_mpl1p\_wp085 Page 48 of 390



Table 1i. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Ag 18-25 Years	
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	31	0.1%
Autistic Disorder on index date or year prior	499	1.0%
Any Substance-Related Disorders on index date or year prior	8,874	17.0%
Opioid-Related Disorders on index date or year prior	784	1.5%
Stimulant-Related Disorders on index date or year prior	506	1.0%
Cocaine-Related Disorders on index date or year prior	284	0.5%
Other Stimulant-Related Disorders on index date or year prior	294	0.6%
Alcohol-Related Disorders on index date or year prior	1,300	2.5%
Cannabis-Related Disorders on index date or year prior	1,750	3.4%
Tobacco-Related Disorders on index date or year prior	7,023	13.5%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	1,316	2.5%
Unintentional or Undetermined Poisoning by Broad Category on index date or	•	0.2%
year prior	-00	0.270
Opioid Poisoning or Unintentional or Undetermined Intent on index date or	57	0.1%
year prior		5.275
Stimulant Poisoning or Unintentional or Undetermined Intent on index date	19	0.0%
or year prior	13	0.070
Intentional Poisoning by Broad Category on index date or year prior	257	0.5%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	47,950	91.9%
index date or year prior	47,330	31.370
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	50,560	96.9%
index date or 30 days Prior	30,300	30.376
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	271	0.5%
disorder on index date or year prior	2/1	0.370
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	95	0.2%
disorder on index date or 30 days Prior	33	0.270
At least One Encounter in the Emergency Department in Year Prior	21,112	40.4%
At least One Encounter in the Inpatient Care Setting in Year Prior	10,555	20.2%
At least One Encounter in the Outpatient Care Setting in Year Prior	49,886	95.6%
Medical Product Use - Concurrent Use	49,000	93.070
Concurrent antidepressants with C-II Opioid Analgesic for at least 7	7,130	13.7%
consecutive days	7,130	13.770
Concurrent benzodiazepines with C-II Opioid Analgesic for at least 7	2,262	4.3%
consecutive days	2,202	570
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with C-II	1,081	2.1%
Opioid Analgesic for at least 7 consecutive days	2,002	/5
Concurrent antipsychotics with C-II Opioid Analgesic for at least 7 consecutive	1,513	2.9%
days	,	
Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7	2,305	4.4%
consecutive days	·	
Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at	248	0.5%
least 7 consecutive days		
Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least	2,206	4.2%
7 consecutive days		
Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at	230	0.4%
least 7 consecutive days		

cder\_mpl1p\_wp085 Page 49 of 390



Table 1i. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Ag		
	18-25	18-25 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent	
Amphetamine Single-entity Products Immediate Release	18	0.0%	
Amphetamine Single-entity Products Extended Release Oral Solid	21	0.0%	
Amphetamine Single-entity Products Extended Release Oral Liquid	****	****	
Dextroamphetamine Single-entity Products Immediate Release	79	0.2%	
Dextroamphetamine Single-entity Products Extended Release	47	0.1%	
Amphetamine/Dextroamphetamine Combination Products Immediate	2,641	5.1%	
Release			
Amphetamine/Dextroamphetamine Combination Products Extended Release	2,037	3.9%	
Lisdexamfetamine Extended Release	1,974	3.8%	
Methamphetamine Single-entity Products Immediate Release	****	****	
Methylphenidate Single-entity Products Immediate Release	550	1.1%	
Methylphenidate Single-entity Products Extended Release Oral Solid	801	1.5%	
Methylphenidate Single-entity Products Extended Release Oral Liquid	****	****	
Methylphenidate Single-entity Products Extended Release Transdermal Patch	****	****	
Dexmethylphenidate Single-entity Products Immediate Release	101	0.2%	
Dexmethylphenidate Single-entity Products Extended Release	158	0.3%	
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	****	****	
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	3,195	6.1%	
Release			
Any ADHD Stimulant API Extended Release	4,288	8.2%	
Atomoexetine Immediate Release	617	1.2%	
Guanfacine Extended Release	194	0.4%	
Viloxazine Extended Release	12	0.0%	
Clonidine Extended Release	119	0.2%	
Any ADHD Non-Stimulant API Extended Release	320	0.6%	
Codeine	15	0.0%	
Fentanyl	131	0.3%	
Hydrocodone	32,397	62.1%	
Hydromorphone	1,172	2.2%	
Morphine	, 592	1.1%	
Oxycodone	26,931	51.6%	
Oxymorphone	****	****	
Other C-II Opioid Analgesics	309	0.6%	

cder\_mpl1p\_wp085 Page 50 of 390



Table 1i. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18-25 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 18-25 Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	13.7	18.9
Mean number of emergency room encounters	0.9	2.0
Mean number of inpatient hospital encounters	0.3	0.8
Mean number of non-acute institutional encounters	0.0	0.2
Mean number of other ambulatory encounters	2.9	9.0
Mean number of filled prescriptions	14.1	16.5
Mean number of generics dispensed	7.0	5.0
Mean number of unique drug classes dispensed	6.2	4.2
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: G8918 — Other Acute Postprocedural Pain	6,979	13.4%
Diagnosis 2: Z01818 — Encounter For Other Preprocedural Examination	5,684	10.9%
Diagnosis 3: Z79899 — Other Long Term Current Drug Therapy	4,216	8.1%
Diagnosis 4: J3501 — Chronic Tonsillitis	3,993	7.7%
Diagnosis 5: J351 — Hypertrophy Of Tonsils	3,062	5.9%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 51 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1j. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		ADHD Stimulant Medication Patients of Age 26-44 Years	
Patient Characteristics	Number		
Unique patients	121,821		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	107,898	88.6%	
Medicare Members	13,923	11.4%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	35.1	5.3	
Age	Number	Percent	
26-29 years	26,585	21.8%	
30-39 years	68,011	55.8%	
40-44 years	27,225	22.3%	
Sex			
Female	66,993	55.0%	
Male	54,828	45.0%	
Race <sup>1</sup>			
American Indian or Alaska Native	235	0.2%	
Asian	762	0.6%	
Black or African American	2,037	1.7%	
Multi-racial	1,784	1.5%	
Native Hawaiian or Other Pacific Islander	34	0.0%	
Unknown	92,881	76.2%	
White	24,088	19.8%	
Hispanic origin			
Yes	1,941	1.6%	
No	17,031	14.0%	
Unknown	102,849	84.4%	
Year			
2018	45,299	37.2%	
2019	60,462	49.6%	
2020	16,060	13.2%	
Census Bureau Region <sup>2</sup>			
Invalid	1,492	1.2%	
Midwest	27,098	22.2%	
Northeast	17,096	14.0%	
South	53,004	43.5%	
West	23,003	18.9%	
Missing	****	****	
	****	****	
Other			

cder\_mpl1p\_wp085 Page 52 of 390



Table 1j. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 26-44 Years	
	Number/Mean	Percent/
Health Characteristics		Standard Deviation <sup>3</sup>
Combined comorbidity score <sup>5</sup>	0.8	1.2
Combined comorbidity score categories		
<=0	63,993	52.5%
1-2	49,451	40.6%
3-4	6,073	5.0%
5+	2,304	1.9%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	121,821	100.0%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	5,380	4.4%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	24,236	19.9%
Medication for Opioid-Related Disorders on index date or year prior	2,528	2.1%
Antidepressant Medication on index date or year prior	58,793	48.3%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	40,721	33.4%
Antipsychotic Medication on index date or year prior	14,519	11.9%
Mood Stabilizers on index date or year prior	11,571	9.5%
Cancer on index date or year prior	1,332	1.1%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	52,733	43.3%
ADHD on Index Date or year prior	67,653	55.5%
Conduct or Adjustment Disorders or other related disorders on index date or	1,461	1.2%
year prior		
Narcolepsy on index date or year prior	1,315	1.1%
Binge-Eating Disorder on index date or year prior	2,894	2.4%
ADHD on Index Date or 30 days Prior	59,195	48.6%
Conduct or Adjustment Disorders or other related disorders on index date or 30 days Prior	571	0.5%
Narcolepsy on index date or 30 days Prior	893	0.7%
Binge-Eating Disorder on index date or 30 days Prior	2,521	2.1%
Hypertension on index date or year prior	15,962	13.1%
Coronary artery disease on index date or year prior	1,159	1.0%
Cardiac arrhythmia on index date or year prior	6,158	5.1%
Cardiomyopathy on index date or year prior	337	0.3%
Cardiac structural abnormality on index date or year prior	490	0.4%
All other diseases of the circulatory system on index date or year prior	3,968	3.3%
Epilepsy or recurrent seizures on index date or year prior	2,179	1.8%
Other seizure or convulsions on index date or year prior	2,050	1.7%
Depression on index date or year prior	41,052	33.7%
Anxiety on index date or year prior	54,700	44.9%
Bipolar Disorder on index date or year prior	11,321	9.3%
Sleep Disorder on index date or year prior	24,568	20.2%
Psychotic Disorder on index date or year prior	3,501	2.9%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	8,018	6.6%

cder\_mpl1p\_wp085 Page 53 of 390



Table 1j. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

20-44 Tears, in the Sentine Distributed Database (SDD) from April 1, 2018 to	ADHD Stimulant Medication Patients of Age 26-44 Years	
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	290	0.2%
Autistic Disorder on index date or year prior	1,103	0.9%
Any Substance-Related Disorders on index date or year prior	23,485	19.3%
Opioid-Related Disorders on index date or year prior	5,468	4.5%
Stimulant-Related Disorders on index date or year prior	2,353	1.9%
Cocaine-Related Disorders on index date or year prior	1,152	0.9%
Other Stimulant-Related Disorders on index date or year prior	1,545	1.3%
Alcohol-Related Disorders on index date or year prior	4,818	4.0%
Cannabis-Related Disorders on index date or year prior	3,252	2.7%
Tobacco-Related Disorders on index date or year prior	17,286	14.2%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	4,741	3.9%
Unintentional or Undetermined Poisoning by Broad Category on index date or	386	0.3%
year prior		
Opioid Poisoning or Unintentional or Undetermined Intent on index date or	254	0.2%
year prior		
Stimulant Poisoning or Unintentional or Undetermined Intent on index date	62	0.1%
or year prior		
Intentional Poisoning by Broad Category on index date or year prior	557	0.5%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	50,805	41.7%
index date or year prior	•	
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	59,733	49.0%
index date or 30 days Prior	•	
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	536	0.4%
disorder on index date or year prior		
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	239	0.2%
disorder on index date or 30 days Prior		
At least One Encounter in the Emergency Department in Year Prior	27,138	22.3%
At least One Encounter in the Inpatient Care Setting in Year Prior	10,822	8.9%
At least One Encounter in the Outpatient Care Setting in Year Prior	115,445	94.8%
Medical Product Use - Concurrent Use	,	
Concurrent antidepressants with ADHD Stimulant medication for at least 7	63,570	52.2%
consecutive days		
Concurrent benzodiazepines with ADHD Stimulant medication for at least 7	29,480	24.2%
consecutive days		
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with	16,442	13.5%
ADHD Stimulant medication for at least 7 consecutive days	·	
Concurrent antipsychotics with ADHD Stimulant medication for at least 7	16,785	13.8%
consecutive days	•	
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant	4,895	4.0%
medication for at least 7 consecutive days	,	
Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7	11,877	9.7%
consecutive days	,-	• •
Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least	8,341	6.8%
7 consecutive days	•	

cder\_mpl1p\_wp085 Page 54 of 390



Table 1j. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		ADHD Stimulant Medication Patients of Age 26-44 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent	
Amphetamine Single-entity Products Immediate Release	365	0.3%	
Amphetamine Single-entity Products Extended Release Oral Solid	459	0.4%	
Amphetamine Single-entity Products Extended Release Oral Liquid	27	0.0%	
Dextroamphetamine Single-entity Products Immediate Release	1,806	1.5%	
Dextroamphetamine Single-entity Products Extended Release	1,087	0.9%	
Amphetamine/Dextroamphetamine Combination Products Immediate	66,482	54.6%	
Release	, -		
Amphetamine/Dextroamphetamine Combination Products Extended Release	44,905	36.9%	
Lisdexamfetamine Extended Release	33,109	27.2%	
Methamphetamine Single-entity Products Immediate Release	32	0.0%	
Methylphenidate Single-entity Products Immediate Release	14,501	11.9%	
Methylphenidate Single-entity Products Extended Release Oral Solid	14,216	11.7%	
Methylphenidate Single-entity Products Extended Release Oral Liquid	21	0.0%	
Methylphenidate Single-entity Products Extended Release Transdermal Patch	109	0.1%	
Dexmethylphenidate Single-entity Products Immediate Release	1,590	1.3%	
Dexmethylphenidate Single-entity Products Extended Release	2,006	1.6%	
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	105	0.1%	
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	78,506	64.4%	
Release	•		
Any ADHD Stimulant API Extended Release	78,888	64.8%	
Atomoexetine Immediate Release	5,058	4.2%	
Guanfacine Extended Release	1,428	1.2%	
Viloxazine Extended Release	89	0.1%	
Clonidine Extended Release	295	0.2%	
Any ADHD Non-Stimulant API Extended Release	1,766	1.4%	
Codeine	15	0.0%	
Fentanyl	332	0.3%	
Hydrocodone	22,065	18.1%	
Hydromorphone	1,306	1.1%	
Morphine	921	0.8%	
Oxycodone	17,334	14.2%	
Oxymorphone	73	0.1%	
Other C-II Opioid Analgesics	471	0.4%	

cder\_mpl1p\_wp085 Page 55 of 390



Table 1j. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 26-44 Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	14.4	17.3
Mean number of emergency room encounters	0.5	1.8
Mean number of inpatient hospital encounters	0.1	0.5
Mean number of non-acute institutional encounters	0.0	0.3
Mean number of other ambulatory encounters	2.7	7.2
Mean number of filled prescriptions	20.7	24.2
Mean number of generics dispensed	7.3	5.7
Mean number of unique drug classes dispensed	6.8	5.0
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: F900 — Attention-Deficit Hyperactivity Disorder Inattentive Type	27,938	22.9%
Diagnosis 2: F411 — Generalized Anxiety Disorder	18,126	14.9%
Diagnosis 3: F909 — Attention-Deficit Hyperactivity Disorder Unspecified Type	17,533	14.4%
Diagnosis 4: F902 — Attention-Deficit Hyperactivity Disorder Combined Type	13,679	11.2%
Diagnosis 5: F419 — Anxiety Disorder Unspecified	13,376	11.0%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 56 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1k. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		ADHD Non-Stimulant Medication Patients of Age 26-44 Years	
Patient Characteristics	Number		
Unique patients	26,830		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	17,225	64.2%	
Medicare Members	9,605	35.8%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	35.8	5.3	
Age	Number	Percent	
26-29 years	4,876	18.2%	
30-39 years	14,818	55.2%	
40-44 years	7,136	26.6%	
Sex			
Female	13,804	51.4%	
Male	13,026	48.6%	
Race <sup>1</sup>			
American Indian or Alaska Native	****	****	
Asian	237	0.9%	
Black or African American	1,711	6.4%	
Multi-racial	275	1.0%	
Native Hawaiian or Other Pacific Islander	****	****	
Unknown	15,219	56.7%	
White	9,256	34.5%	
Hispanic origin			
Yes	666	2.5%	
No	9,667	36.0%	
Unknown	16,497	61.5%	
Year			
2018	9,572	35.7%	
2019	13,693	51.0%	
2020	3,565	13.3%	
Census Bureau Region <sup>2</sup>			
Invalid	153	0.6%	
Midwest	6,950	25.9%	
Northeast	3,887	14.5%	
South	11,052	41.2%	
West	4,768	17.8%	
	****	****	
Missing	****	****	
Other			

cder\_mpl1p\_wp085 Page 57 of 390



Table 1k. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 26-44 Years	
	Number/Mean	Percent/
Health Characteristics		Standard Deviation <sup>3</sup>
Combined comorbidity score <sup>5</sup>	1.7	2.2
Combined comorbidity score categories		
<=0	8,741	32.6%
1-2	12,381	46.1%
3-4	3,029	11.3%
5+	2,679	10.0%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	8,190	30.5%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	26,830	100.0%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	7,067	26.3%
Medication for Opioid-Related Disorders on index date or year prior	1,412	5.3%
Antidepressant Medication on index date or year prior	17,032	63.5%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	12,469	46.5%
Antipsychotic Medication on index date or year prior	8,026	29.9%
Mood Stabilizers on index date or year prior	5,734	21.4%
Cancer on index date or year prior	334	1.2%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	14,653	54.6%
ADHD on Index Date or year prior	13,415	50.0%
Conduct or Adjustment Disorders or other related disorders on index date or	1,037	3.9%
year prior		
Narcolepsy on index date or year prior	158	0.6%
Binge-Eating Disorder on index date or year prior	192	0.7%
ADHD on Index Date or 30 days Prior	10,689	39.8%
Conduct or Adjustment Disorders or other related disorders on index date or	422	1.6%
30 days Prior		
Narcolepsy on index date or 30 days Prior	67	0.2%
Binge-Eating Disorder on index date or 30 days Prior	97	0.4%
Hypertension on index date or year prior	7,729	28.8%
Coronary artery disease on index date or year prior	1,347	5.0%
Cardiac arrhythmia on index date or year prior	3,692	13.8%
Cardiomyopathy on index date or year prior	475	1.8%
Cardiac structural abnormality on index date or year prior	205	0.8%
All other diseases of the circulatory system on index date or year prior	2,162	8.1%
Epilepsy or recurrent seizures on index date or year prior	1,545	5.8%
Other seizure or convulsions on index date or year prior	1,472	5.5%
Depression on index date or year prior	12,577	46.9%
Anxiety on index date or year prior	15,503	57.8%
Bipolar Disorder on index date or year prior	5,905	22.0%
Sleep Disorder on index date or year prior	7,809	29.1%
Psychotic Disorder on index date or year prior	3,122	11.6%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	3,760	14.0%

cder\_mpl1p\_wp085 Page 58 of 390



Table 1k. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 26-44 Years	
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	224	0.8%
Autistic Disorder on index date or year prior	793	3.0%
Any Substance-Related Disorders on index date or year prior	10,980	40.9%
Opioid-Related Disorders on index date or year prior	3,614	13.5%
Stimulant-Related Disorders on index date or year prior	2,705	10.1%
Cocaine-Related Disorders on index date or year prior	1,249	4.7%
Other Stimulant-Related Disorders on index date or year prior	2,004	7.5%
Alcohol-Related Disorders on index date or year prior	3,218	12.0%
Cannabis-Related Disorders on index date or year prior	2,713	10.1%
Tobacco-Related Disorders on index date or year prior	8,189	30.5%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	2,524	9.4%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	381	1.4%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	235	0.9%
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	104	0.4%
Intentional Poisoning by Broad Category on index date or year prior	466	1.7%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	13,276	49.5%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	16,064	59.9%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior	477	1.8%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior	233	0.9%
At least One Encounter in the Emergency Department in Year Prior	10,849	40.4%
At least One Encounter in the Inpatient Care Setting in Year Prior	5,193	19.4%
At least One Encounter in the Outpatient Care Setting in Year Prior	26,077	97.2%
Medical Product Use - Concurrent Use		
Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days	15,975	59.5%
Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days	6,085	22.7%
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Non-Stimulant medication for at least 7 consecutive days	4,304	16.0%
Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 consecutive days	7,604	28.3%
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days	7,225	26.9%
Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at least 7 consecutive days	3,337	12.4%
Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	2,618	9.8%

cder\_mpl1p\_wp085 Page 59 of 390



Table 1k. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 26-44 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	53	0.2%
Amphetamine Single-entity Products Extended Release Oral Solid	51	0.2%
Amphetamine Single-entity Products Extended Release Oral Liquid	****	****
Dextroamphetamine Single-entity Products Immediate Release	298	1.1%
Dextroamphetamine Single-entity Products Extended Release	204	0.8%
Amphetamine/Dextroamphetamine Combination Products Immediate Release	5,703	21.3%
Amphetamine/Dextroamphetamine Combination Products Extended Release	4,538	16.9%
Lisdexamfetamine Extended Release	3,699	13.8%
Methamphetamine Single-entity Products Immediate Release	14	0.1%
Methylphenidate Single-entity Products Immediate Release	1,547	5.8%
Methylphenidate Single-entity Products Extended Release Oral Solid	2,015	7.5%
Methylphenidate Single-entity Products Extended Release Oral Liquid	****	****
Methylphenidate Single-entity Products Extended Release Transdermal Patch	39	0.1%
Dexmethylphenidate Single-entity Products Immediate Release	266	1.0%
Dexmethylphenidate Single-entity Products Extended Release	335	1.2%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	27	0.1%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate Release	7,000	26.1%
Any ADHD Stimulant API Extended Release	8,372	31.2%
Atomoexetine Immediate Release	19,454	72.5%
Guanfacine Extended Release	4,294	16.0%
Viloxazine Extended Release	65	0.2%
Clonidine Extended Release	4,317	16.1%
Any ADHD Non-Stimulant API Extended Release	8,548	31.9%
Codeine	****	****
Fentanyl	208	0.8%
Hydrocodone	6,042	22.5%
Hydromorphone	621	2.3%
Morphine	430	1.6%
Oxycodone	5,089	19.0%
Oxymorphone	37	0.1%
Other C-II Opioid Analgesics	213	0.8%

cder\_mpl1p\_wp085 Page 60 of 390



Table 1k. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 26-44 Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	28.1	39.2
Mean number of emergency room encounters	1.4	3.7
Mean number of inpatient hospital encounters	0.5	1.6
Mean number of non-acute institutional encounters	0.2	0.8
Mean number of other ambulatory encounters	7.4	17.4
Mean number of filled prescriptions	39.5	35.9
Mean number of generics dispensed	11.2	7.5
Mean number of unique drug classes dispensed	10.2	6.3
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: F411 — Generalized Anxiety Disorder	5,074	18.9%
Diagnosis 2: F900 — Attention-Deficit Hyperactivity Disorder Inattentive Type	4,336	16.2%
Diagnosis 3: F419 — Anxiety Disorder Unspecified	4,182	15.6%
Diagnosis 4: I10 — Essential Primary Hypertension	3,902	14.5%
Diagnosis 5: F909 — Attention-Deficit Hyperactivity Disorder Unspecified Type	3,763	14.0%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 61 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1l. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

Distributed Database (SDD) from April 1, 2016 to Wartin 31,	Schedule II (C-II) Opioi	Schedule II (C-II) Opioid Analgesics Patients of Age 26-44 Years	
Patient Characteristics	Number		
Unique patients	264,052		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	213,902	81.0%	
Medicare Members	50,150	19.0%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	37.0	5.1	
Age	Number	Percent	
26-29 years	31,530	11.9%	
30-39 years	141,082	53.4%	
40-44 years	91,440	34.6%	
Sex			
Female	156,678	59.3%	
Male	107,374	40.7%	
Race <sup>1</sup>			
American Indian or Alaska Native	931	0.4%	
Asian	1,925	0.7%	
Black or African American	14,576	5.5%	
Multi-racial	2,696	1.0%	
Native Hawaiian or Other Pacific Islander	106	0.0%	
Unknown	191,912	72.7%	
White	51,906	19.7%	
Hispanic origin			
Yes	5,683	2.2%	
No	53,957	20.4%	
Unknown	204,412	77.4%	
Year			
2018	113,665	43.0%	
2019	124,103	47.0%	
2020	26,284	10.0%	
Census Bureau Region <sup>2</sup>			
Invalid	2,467	0.9%	
Midwest	68,632	26.0%	
Northeast	22,602	8.6%	
	111,930	42.4%	
South			
West	58,166	22.0%	
Missing	221	0.1%	
Other	34	0.0%	

cder\_mpl1p\_wp085 Page 62 of 390



Table 1l. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 26-44 Years	
	Number/Mean	Percent/
Health Characteristics		Standard Deviation <sup>3</sup>
Combined comorbidity score <sup>5</sup>	1.2	2.0
Combined comorbidity score categories		
<=0	137,222	52.0%
1-2	87,059	33.0%
3-4	20,333	7.7%
5+	19,438	7.4%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	16,609	6.3%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	1,818	0.7%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	264,052	100.0%
Medication for Opioid-Related Disorders on index date or year prior	2,011	0.8%
Antidepressant Medication on index date or year prior	87,168	33.0%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	78,849	29.9%
Antipsychotic Medication on index date or year prior	23,482	8.9%
Mood Stabilizers on index date or year prior	16,189	6.1%
Cancer on index date or year prior	9,238	3.5%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	181,300	68.7%
ADHD on Index Date or year prior	14,639	5.5%
Conduct or Adjustment Disorders or other related disorders on index date or	2,121	0.8%
year prior		
Narcolepsy on index date or year prior	661	0.3%
Binge-Eating Disorder on index date or year prior	559	0.2%
ADHD on Index Date or 30 days Prior	5,982	2.3%
Conduct or Adjustment Disorders or other related disorders on index date or	535	0.2%
30 days Prior		
Narcolepsy on index date or 30 days Prior	238	0.1%
Binge-Eating Disorder on index date or 30 days Prior	179	0.1%
Hypertension on index date or year prior	66,278	25.1%
Coronary artery disease on index date or year prior	10,139	3.8%
Cardiac arrhythmia on index date or year prior	27,637	10.5%
Cardiomyopathy on index date or year prior	3,503	1.3%
Cardiac structural abnormality on index date or year prior	2,550	1.0%
All other diseases of the circulatory system on index date or year prior	21,359	8.1%
Epilepsy or recurrent seizures on index date or year prior	9,553	3.6%
Other seizure or convulsions on index date or year prior	8,555	3.2%
Depression on index date or year prior	58,790	22.3%
Anxiety on index date or year prior	78,924	29.9%
Bipolar Disorder on index date or year prior	16,876	6.4%
Sleep Disorder on index date or year prior	55,613	21.1%
Psychotic Disorder on index date or year prior	7,273	2.8%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	11,700	4.4%

cder\_mpl1p\_wp085 Page 63 of 390



Table 1l. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 26-44 Years	
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	395	0.1%
Autistic Disorder on index date or year prior	1,007	0.4%
Any Substance-Related Disorders on index date or year prior	77,956	29.5%
Opioid-Related Disorders on index date or year prior	8,957	3.4%
Stimulant-Related Disorders on index date or year prior	3,937	1.5%
Cocaine-Related Disorders on index date or year prior	1,865	0.7%
Other Stimulant-Related Disorders on index date or year prior	2,527	1.0%
Alcohol-Related Disorders on index date or year prior	8,984	3.4%
Cannabis-Related Disorders on index date or year prior	7,859	3.0%
Tobacco-Related Disorders on index date or year prior	69,328	26.3%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	16,835	6.4%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	·	0.3%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	409	0.2%
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	168	0.1%
Intentional Poisoning by Broad Category on index date or year prior	1,572	0.6%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	248,456	94.1%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	257,703	97.6%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	1,727	0.7%
disorder on index date or year prior	47.4	0.204
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	474	0.2%
disorder on index date or 30 days Prior	440.055	40.007
At least One Encounter in the Emergency Department in Year Prior	112,965	42.8%
At least One Encounter in the Inpatient Care Setting in Year Prior	71,348	27.0%
At least One Encounter in the Outpatient Care Setting in Year Prior	258,062	97.7%
Medical Product Use - Concurrent Use Concurrent antidepressants with C-II Opioid Analgesic for at least 7		
·	69,539	26.3%
consecutive days Concurrent benzodiazepines with C-II Opioid Analgesic for at least 7	31,378	11.9%
consecutive days Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with C-II	16,388	6.2%
Opioid Analgesic for at least 7 consecutive days Concurrent antipsychotics with C-II Opioid Analgesic for at least 7 consecutive	18,460	7.0%
days Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7	13,101	5.0%
consecutive days Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at	1,608	0.6%
least 7 consecutive days Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least	12,426	4.7%
7 consecutive days Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	1,441	0.5%

cder\_mpl1p\_wp085 Page 64 of 390



Table 1l. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age	
	26-44 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	65	0.0%
Amphetamine Single-entity Products Extended Release Oral Solid	78	0.0%
Amphetamine Single-entity Products Extended Release Oral Liquid	****	****
Dextroamphetamine Single-entity Products Immediate Release	365	0.1%
Dextroamphetamine Single-entity Products Extended Release	251	0.1%
Amphetamine/Dextroamphetamine Combination Products Immediate	13,471	5.1%
Release		
Amphetamine/Dextroamphetamine Combination Products Extended Release	8,186	3.1%
Lisdexamfetamine Extended Release	5,918	2.2%
Methamphetamine Single-entity Products Immediate Release	****	****
Methylphenidate Single-entity Products Immediate Release	2,545	1.0%
Methylphenidate Single-entity Products Extended Release Oral Solid	2,246	0.9%
Methylphenidate Single-entity Products Extended Release Oral Liquid	****	****
Methylphenidate Single-entity Products Extended Release Transdermal Patch	21	0.0%
Dexmethylphenidate Single-entity Products Immediate Release	270	0.1%
Dexmethylphenidate Single-entity Products Extended Release	354	0.1%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	40	0.0%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	15,611	5.9%
Release		
Any ADHD Stimulant API Extended Release	14,108	5.3%
Atomoexetine Immediate Release	2,761	1.0%
Guanfacine Extended Release	543	0.2%
Viloxazine Extended Release	51	0.0%
Clonidine Extended Release	1,050	0.4%
Any ADHD Non-Stimulant API Extended Release	1,627	0.6%
Codeine	173	0.1%
Fentanyl	1,895	0.7%
Hydrocodone	170,546	64.6%
Hydromorphone	10,291	3.9%
Morphine	5,882	2.2%
Oxycodone	146,957	55.7%
Oxymorphone	86	0.0%
Other C-II Opioid Analgesics	2,615	1.0%

cder\_mpl1p\_wp085 Page 65 of 390



Table 1l. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 26-44 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 26-44 Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	19.9	27.7
Mean number of emergency room encounters	1.1	2.9
Mean number of inpatient hospital encounters	0.4	1.0
Mean number of non-acute institutional encounters	0.0	0.3
Mean number of other ambulatory encounters	5.0	12.5
Mean number of filled prescriptions	24.9	27.5
Mean number of generics dispensed	9.2	6.2
Mean number of unique drug classes dispensed	8.1	5.2
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: I10 — Essential Primary Hypertension	38,492	14.6%
Diagnosis 2: Z79899 — Other Long Term Current Drug Therapy	36,881	14.0%
Diagnosis 3: Z01818 — Encounter For Other Preprocedural Examination	36,449	13.8%
Diagnosis 4: M545 — Low Back Pain	28,580	10.8%
Diagnosis 5: F419 — Anxiety Disorder Unspecified	24,050	9.1%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 66 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1m. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

ADHD Stin		cation Patients of Age 45-64 Years
Patient Characteristics	Number	
Unique patients	74,136	
Healthcare Payor Status	Number	Percent
Commercial payor patients	55,542	74.9%
Medicare Members	18,594	25.1%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	53.5	5.4
Age	Number	Percent
45-54 years	45,451	61.3%
55-64 years	28,685	38.7%
Sex		
Female	46,416	62.6%
Male	27,720	37.4%
Race <sup>1</sup>		
American Indian or Alaska Native	180	0.2%
Asian	235	0.3%
Black or African American	1,782	2.4%
Multi-racial	818	1.1%
Native Hawaiian or Other Pacific Islander	26	0.0%
Unknown	44,896	60.6%
White	26,199	35.3%
Hispanic origin		
Yes	860	1.2%
No	22,899	30.9%
Unknown	50,377	68.0%
Year		
2018	28,399	38.3%
2019	36,717	49.5%
2020	9,020	12.2%
Census Bureau Region <sup>2</sup>		
Invalid	620	0.8%
Midwest	16,188	21.8%
Northeast	11,115	15.0%
South	32,907	44.4%
West	13,242	17.9%
Missing	52	0.1%
Other	12	0.0%

cder\_mpl1p\_wp085 Page 67 of 390



Table 1m. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 45-64 Years	
		Percent/Standard
Health Characteristics	Number/Mean	Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	1.4	2.2
Combined comorbidity score categories		
<=0	29,684	40.0%
1-2	30,820	41.6%
3-4	7,693	10.4%
5+	5,939	8.0%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	74,136	100.0%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	2,898	3.9%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	24,543	33.1%
Medication for Opioid-Related Disorders on index date or year prior	1,630	2.2%
Antidepressant Medication on index date or year prior	47,891	64.6%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	36,517	49.3%
Antipsychotic Medication on index date or year prior	14,510	19.6%
Mood Stabilizers on index date or year prior	9,705	13.1%
Cancer on index date or year prior	4,341	5.9%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	48,811	65.8%
ADHD on Index Date or year prior	30,260	40.8%
Conduct or Adjustment Disorders or other related disorders on index date or	858	1.2%
year prior	030	1.270
Narcolepsy on index date or year prior	1,256	1.7%
Binge-Eating Disorder on index date or year prior	2,116	2.9%
ADHD on Index Date or 30 days Prior	25,623	34.6%
Conduct or Adjustment Disorders or other related disorders on index date or	328	0.4%
30 days Prior	320	0.470
Narcolepsy on index date or 30 days Prior	769	1.0%
Binge-Eating Disorder on index date or 30 days Prior	1,835	2.5%
Hypertension on index date or year prior	29,492	39.8%
Coronary artery disease on index date or year prior	5,473	7.4%
Cardiac arrhythmia on index date or year prior	6,830	9.2%
Cardiomyopathy on index date or year prior	908	1.2%
Cardiac structural abnormality on index date or year prior	428	0.6%
All other diseases of the circulatory system on index date or year prior	6,260	8.4%
Epilepsy or recurrent seizures on index date or year prior	2,015	2.7%
Other seizure or convulsions on index date or year prior	1,968	2.7%
Depression on index date or year prior	34,513	46.6%
Anxiety on index date or year prior	36,263	48.9%
Bipolar Disorder on index date or year prior	9,519	12.8%
Sleep Disorder on index date or year prior	9,319 27,777	37.5%
Psychotic Disorder on index date or year prior	2,684	3.6%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	6,259	8.4%

cder\_mpl1p\_wp085 Page 68 of 390



Table 1m. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 45-64	
	Years	
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	283	0.4%
Autistic Disorder on index date or year prior	234	0.3%
Any Substance-Related Disorders on index date or year prior	21,279	28.7%
Opioid-Related Disorders on index date or year prior	5,465	7.4%
Stimulant-Related Disorders on index date or year prior	1,421	1.9%
Cocaine-Related Disorders on index date or year prior	664	0.9%
Other Stimulant-Related Disorders on index date or year prior	896	1.2%
Alcohol-Related Disorders on index date or year prior	3,736	5.0%
Cannabis-Related Disorders on index date or year prior	1,451	2.0%
Tobacco-Related Disorders on index date or year prior	16,547	22.3%
	4,573	6.2%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior		
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	311	0.4%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or	204	0.3%
year prior		
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	29	0.0%
Intentional Poisoning by Broad Category on index date or year prior	749	1.0%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	41,004	55.3%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	46,173	62.3%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior	462	0.6%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	184	0.2%
disorder on index date or 30 days Prior		
At least One Encounter in the Emergency Department in Year Prior	20,641	27.8%
At least One Encounter in the Inpatient Care Setting in Year Prior	8,233	11.1%
At least One Encounter in the Outpatient Care Setting in Year Prior	72,871	98.3%
Medical Product Use - Concurrent Use		
Concurrent antidepressants with ADHD Stimulant medication for at least 7	48,925	66.0%
consecutive days		
Concurrent benzodiazepines with ADHD Stimulant medication for at least 7	25,846	34.9%
consecutive days		
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with	14,096	19.0%
ADHD Stimulant medication for at least 7 consecutive days		
Concurrent antipsychotics with ADHD Stimulant medication for at least 7 consecutive days	15,048	20.3%
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant	2,544	3.4%
medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7	18,377	24.8%
consecutive days	10,577	27.0/0
Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	14,612	19.7%

cder\_mpl1p\_wp085 Page 69 of 390



Table 1m. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 45-64 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	166	0.2%
Amphetamine Single-entity Products Extended Release Oral Solid	201	0.3%
Amphetamine Single-entity Products Extended Release Oral Liquid	12	0.0%
Dextroamphetamine Single-entity Products Immediate Release	1,214	1.6%
Dextroamphetamine Single-entity Products Immediate Release	656	0.9%
Amphetamine/Dextroamphetamine Combination Products Immediate	35,962	48.5%
Release	55,962	46.3%
Amphetamine/Dextroamphetamine Combination Products Extended Release	20,726	28.0%
Lisdexamfetamine Extended Release	17,233	23.2%
Methamphetamine Single-entity Products Immediate Release	33	0.0%
Methylphenidate Single-entity Products Immediate Release	15,282	20.6%
Methylphenidate Single-entity Products Extended Release Oral Solid	8,101	10.9%
Methylphenidate Single-entity Products Extended Release Oral Liquid	****	****
Methylphenidate Single-entity Products Extended Release Transdermal Patch	41	0.1%
Dexmethylphenidate Single-entity Products Immediate Release	925	1.2%
Dexmethylphenidate Single-entity Products Extended Release	1,080	1.5%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	60	0.1%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	49,583	66.9%
Release	•	
Any ADHD Stimulant API Extended Release	40,833	55.1%
Atomoexetine Immediate Release	2,806	3.8%
Guanfacine Extended Release	619	0.8%
Viloxazine Extended Release	47	0.1%
Clonidine Extended Release	307	0.4%
Any ADHD Non-Stimulant API Extended Release	956	1.3%
Codeine	26	0.0%
Fentanyl	1,101	1.5%
Hydrocodone	21,242	28.7%
Hydromorphone	2,088	2.8%
Morphine	2,281	3.1%
Oxycodone	18,529	25.0%
Oxymorphone	115	0.2%
Other C-II Opioid Analgesics	1,013	1.4%

cder\_mpl1p\_wp085 Page 70 of 390



Table 1m. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 45-64 Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	21.7	21.7
Mean number of emergency room encounters	0.6	1.7
Mean number of inpatient hospital encounters	0.2	0.7
Mean number of non-acute institutional encounters	0.1	0.4
Mean number of other ambulatory encounters	4.8	11.5
Mean number of filled prescriptions	40.3	35.3
Mean number of generics dispensed	11.3	7.1
Mean number of unique drug classes dispensed	10.4	6.1
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: I10 — Essential Primary Hypertension	12,323	16.6%
Diagnosis 2: F900 — Attention-Deficit Hyperactivity Disorder Inattentive Type	12,263	16.5%
Diagnosis 3: F411 — Generalized Anxiety Disorder	10,251	13.8%
Diagnosis 4: F419 — Anxiety Disorder Unspecified	8,062	10.9%
${\color{red} {\sf Diagnosis}}~5{:}~{\sf F909-Attention-Deficit}~{\sf Hyperactivity}~{\sf Disorder}~{\sf Unspecified}~{\sf Type}$	7,645	10.3%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 71 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1n. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 45-64 Years	
Patient Characteristics	Number	
Unique patients	28,259	
Healthcare Payor Status	Number	Percent
Commercial payor patients	13,816	48.9%
Medicare Members	14,443	51.1%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	54.8	5.6
Age	Number	Percent
45-54 years	14,389	50.9%
55-64 years	13,870	49.1%
Sex	•	
Female	16,181	57.3%
Male	12,078	42.7%
Race <sup>1</sup>		
American Indian or Alaska Native	172	0.6%
Asian	196	0.7%
Black or African American	4,092	14.5%
Multi-racial	190	0.7%
Native Hawaiian or Other Pacific Islander	12	0.0%
Unknown	11,165	39.5%
White	12,432	44.0%
Hispanic origin		
Yes	707	2.5%
No	15,487	54.8%
Unknown	12,065	42.7%
Year		
2018	10,530	37.3%
2019	14,280	50.5%
2020	3,449	12.2%
Census Bureau Region <sup>2</sup>		
Invalid	111	0.4%
Midwest	6,285	22.2%
Northeast	4,002	14.2%
South	13,011	46.0%
West	4,822	17.1%
Missing	16	0.1%
Other	12	0.0%

cder\_mpl1p\_wp085 Page 72 of 390



Table 1n. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age	
	45-64 Years	
		Percent/Standard
Health Characteristics	Number/Mean	Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	3.1	3.3
Combined comorbidity score categories		
<=0	6,818	24.1%
1-2	9,678	34.2%
3-4	4,320	15.3%
5+	7,443	26.3%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	5,246	18.6%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	28,259	100.0%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	12,477	44.2%
Medication for Opioid-Related Disorders on index date or year prior	976	3.5%
Antidepressant Medication on index date or year prior	17,919	63.4%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	14,157	50.1%
Antipsychotic Medication on index date or year prior	7,097	25.1%
Mood Stabilizers on index date or year prior	4,452	15.8%
Cancer on index date or year prior	1,620	5.7%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	21,587	76.4%
ADHD on Index Date or year prior	7,724	27.3%
Conduct or Adjustment Disorders or other related disorders on index date or year prior	726	2.6%
Narcolepsy on index date or year prior	166	0.6%
Binge-Eating Disorder on index date or year prior	107	0.4%
ADHD on Index Date or 30 days Prior	5,956	21.1%
Conduct or Adjustment Disorders or other related disorders on index date or 30 days Prior	254	0.9%
Narcolepsy on index date or 30 days Prior	59	0.2%
Binge-Eating Disorder on index date or 30 days Prior	55	0.2%
Hypertension on index date or year prior	19,025	67.3%
Coronary artery disease on index date or year prior	6,333	22.4%
Cardiac arrhythmia on index date or year prior	6,130	21.7%
Cardiomyopathy on index date or year prior	1,468	5.2%
Cardiac structural abnormality on index date or year prior	315	1.1%
All other diseases of the circulatory system on index date or year prior	5,239	18.5%
Epilepsy or recurrent seizures on index date or year prior	1,929	6.8%
Other seizure or convulsions on index date or year prior	1,957	6.9%
Depression on index date or year prior	13,603	48.1%
Anxiety on index date or year prior	14,444	51.1%
Bipolar Disorder on index date or year prior	4,898	17.3%
Sleep Disorder on index date or year prior	12,867	45.5%
Psychotic Disorder on index date or year prior	2,633	9.3%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	2,939	10.4%

cder\_mpl1p\_wp085 Page 73 of 390



Table 1n. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age	
		4 Years
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	197	0.7%
Autistic Disorder on index date or year prior	215	0.8%
Any Substance-Related Disorders on index date or year prior	13,672	48.4%
Opioid-Related Disorders on index date or year prior	4,268	15.1%
Stimulant-Related Disorders on index date or year prior	1,717	6.1%
Cocaine-Related Disorders on index date or year prior	927	3.3%
Other Stimulant-Related Disorders on index date or year prior	1,035	3.7%
Alcohol-Related Disorders on index date or year prior	2,858	10.1%
Cannabis-Related Disorders on index date or year prior	1,435	5.1%
Tobacco-Related Disorders on index date or year prior	10,980	38.9%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	3,407	12.1%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	389	1.4%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	264	0.9%
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	71	0.3%
Intentional Poisoning by Broad Category on index date or year prior	638	2.3%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	20,389	72.2%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	22,227	78.7%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior	511	1.8%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior	197	0.7%
At least One Encounter in the Emergency Department in Year Prior	13,432	47.5%
At least One Encounter in the Inpatient Care Setting in Year Prior	8,704	30.8%
At least One Encounter in the Outpatient Care Setting in Year Prior	28,071	99.3%
Medical Product Use - Concurrent Use		
Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days	17,047	60.3%
Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days	7,656	27.1%
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Non-Stimulant medication for at least 7 consecutive days	5,001	17.7%
Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 consecutive days	6,609	23.4%
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days	4,219	14.9%
Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at	9,250	32.7%
least 7 consecutive days  Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	7,609	26.9%

cder\_mpl1p\_wp085 Page 74 of 390



Table 1n. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 45-64 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	16	0.1%
Amphetamine Single-entity Products Extended Release Oral Solid	23	0.1%
Amphetamine Single-entity Products Extended Release Oral Liquid	****	****
Dextroamphetamine Single-entity Products Immediate Release	151	0.5%
Dextroamphetamine Single-entity Products Extended Release	98	0.3%
Amphetamine/Dextroamphetamine Combination Products Immediate Release	3,080	10.9%
Amphetamine/Dextroamphetamine Combination Products Extended Release	2,119	7.5%
Lisdexamfetamine Extended Release	1,627	5.8%
Methamphetamine Single-entity Products Immediate Release	****	****
Methylphenidate Single-entity Products Immediate Release	1,129	4.0%
Methylphenidate Single-entity Products Extended Release Oral Solid	1,004	3.6%
Methylphenidate Single-entity Products Extended Release Oral Liquid	****	****
Methylphenidate Single-entity Products Extended Release Transdermal Patch	18	0.1%
Dexmethylphenidate Single-entity Products Immediate Release	153	0.5%
Dexmethylphenidate Single-entity Products Extended Release	192	0.7%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	15	0.1%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	4,031	14.3%
Release		
Any ADHD Stimulant API Extended Release	4,056	14.4%
Atomoexetine Immediate Release	12,311	43.6%
Guanfacine Extended Release	2,419	8.6%
Viloxazine Extended Release	28	0.1%
Clonidine Extended Release	14,162	50.1%
Any ADHD Non-Stimulant API Extended Release	16,527	58.5%
Codeine	****	****
Fentanyl	742	2.6%
Hydrocodone	9,326	33.0%
Hydromorphone	1,160	4.1%
Morphine	1,474	5.2%
Oxycodone	8,784	31.1%
Oxymorphone	98	0.3%
Other C-II Opioid Analgesics	590	2.1%

cder\_mpl1p\_wp085 Page 75 of 390



Table 1n. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 45-64 Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	38.8	48.3
Mean number of emergency room encounters	1.6	3.9
Mean number of inpatient hospital encounters	0.8	1.7
Mean number of non-acute institutional encounters	0.2	0.9
Mean number of other ambulatory encounters	13.3	25.8
Mean number of filled prescriptions	60.4	45.7
Mean number of generics dispensed	15.4	8.1
Mean number of unique drug classes dispensed	13.7	6.7
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: I10 — Essential Primary Hypertension	12,029	42.6%
Diagnosis 2: Z79899 — Other Long Term Current Drug Therapy	4,660	16.5%
Diagnosis 3: E785 — Hyperlipidemia Unspecified	4,348	15.4%
Diagnosis 4: E119 — Type 2 Diabetes Mellitus Without Complications	3,910	13.8%
Diagnosis 5: F419 — Anxiety Disorder Unspecified	3,868	13.7%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 76 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1o. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 45-64 Years	
Patient Characteristics	Number	
Unique patients	697,851	
Healthcare Payor Status	Number	Percent
Commercial payor patients	479,032	68.6%
Medicare Members	218,819	31.4%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	56.3	5.5
Age	Number	Percent
45-54 years	273,556	39.2%
55-64 years	424,295	60.8%
Sex	*	
Female	373,863	53.6%
Male	323,988	46.4%
Race <sup>1</sup>		
American Indian or Alaska Native	3,423	0.5%
Asian	3,792	0.5%
Black or African American	55,021	7.9%
Multi-racial	4,958	0.7%
Native Hawaiian or Other Pacific Islander	440	0.1%
Unknown	392,034	56.2%
White	238,183	34.1%
Hispanic origin		
Yes	12,670	1.8%
No	260,527	37.3%
Unknown	424,654	60.9%
Year		
2018	289,812	41.5%
2019	333,518	47.8%
2020	74,521	10.7%
Census Bureau Region <sup>2</sup>		
Invalid	4,202	0.6%
Midwest	184,718	26.5%
Northeast	74,640	10.7%
South	298,009	42.7%
West	135,596	19.4%
Missing	492	0.1%
Other	194	0.0%

cder\_mpl1p\_wp085 Page 77 of 390



Table 1o. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 45-64 Years	
	Number/Mean	Percent/Standard
Health Characteristics		Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	2.1	2.9
Combined comorbidity score categories		
<=0	274,513	39.3%
1-2	215,260	30.8%
3-4	85,027	12.2%
5+	123,051	17.6%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	21,231	3.0%
index date or year prior	•	
ADHD Non-Stimulant Medication on index date or year prior	3,434	0.5%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	697,851	100.0%
Medication for Opioid-Related Disorders on index date or year prior	4,544	0.7%
Antidepressant Medication on index date or year prior	290,465	41.6%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	245,029	35.1%
Antipsychotic Medication on index date or year prior	74,182	10.6%
Mood Stabilizers on index date or year prior	41,641	6.0%
Cancer on index date or year prior	72,294	10.4%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	595,075	85.3%
ADHD on Index Date or year prior	16,547	2.4%
Conduct or Adjustment Disorders or other related disorders on index date or	4,650	0.7%
year prior	,	
Narcolepsy on index date or year prior	1,607	0.2%
Binge-Eating Disorder on index date or year prior	936	0.1%
ADHD on Index Date or 30 days Prior	6,597	0.9%
Conduct or Adjustment Disorders or other related disorders on index date or	1,082	0.2%
30 days Prior	,	
Narcolepsy on index date or 30 days Prior	560	0.1%
Binge-Eating Disorder on index date or 30 days Prior	246	0.0%
Hypertension on index date or year prior	418,685	60.0%
Coronary artery disease on index date or year prior	124,156	17.8%
Cardiac arrhythmia on index date or year prior	119,505	17.1%
Cardiomyopathy on index date or year prior	27,587	4.0%
Cardiac structural abnormality on index date or year prior	7,410	1.1%
All other diseases of the circulatory system on index date or year prior	107,237	15.4%
Epilepsy or recurrent seizures on index date or year prior	25,796	3.7%
Other seizure or convulsions on index date or year prior	23,569	3.4%
Depression on index date or year prior	196,639	28.2%
Anxiety on index date or year prior	213,870	30.6%
Bipolar Disorder on index date or year prior	42,272	6.1%
Sleep Disorder on index date or year prior	248,552	35.6%
Psychotic Disorder on index date or year prior	22,167	3.2%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	24,385	3.5%

cder\_mpl1p\_wp085 Page 78 of 390



Table 1o. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age	
	45-64 Years	
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	1,064	0.2%
Autistic Disorder on index date or year prior	927	0.1%
Any Substance-Related Disorders on index date or year prior	275,160	39.4%
Opioid-Related Disorders on index date or year prior	27,611	4.0%
Stimulant-Related Disorders on index date or year prior	10,331	1.5%
Cocaine-Related Disorders on index date or year prior	6,054	0.9%
Other Stimulant-Related Disorders on index date or year prior	5,128	0.7%
Alcohol-Related Disorders on index date or year prior	35,978	5.2%
Cannabis-Related Disorders on index date or year prior	15,107	2.2%
Tobacco-Related Disorders on index date or year prior	250,650	35.9%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	67,468	9.7%
Unintentional or Undetermined Poisoning by Broad Category on index date or		0.3%
year prior	2,0 17	0.070
Opioid Poisoning or Unintentional or Undetermined Intent on index date or	1,150	0.2%
year prior	1,150	0.270
Stimulant Poisoning or Unintentional or Undetermined Intent on index date	415	0.1%
or year prior	413	0.170
Intentional Poisoning by Broad Category on index date or year prior	5,216	0.7%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	679,141	97.3%
index date or year prior	0/9,141	97.5%
	COO F1F	00.00/
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	690,515	98.9%
index date or 30 days Prior	4.050	0.50/
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	4,353	0.6%
disorder on index date or year prior		
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	1,041	0.1%
disorder on index date or 30 days Prior		
At least One Encounter in the Emergency Department in Year Prior	290,523	41.6%
At least One Encounter in the Inpatient Care Setting in Year Prior	215,456	30.9%
At least One Encounter in the Outpatient Care Setting in Year Prior	691,290	99.1%
Medical Product Use - Concurrent Use		
Concurrent antidepressants with C-II Opioid Analgesic for at least 7	259,918	37.2%
consecutive days		
Concurrent benzodiazepines with C-II Opioid Analgesic for at least 7	111,476	16.0%
consecutive days	,	
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with C-II	63,960	9.2%
Opioid Analgesic for at least 7 consecutive days		
Concurrent antipsychotics with C-II Opioid Analgesic for at least 7 consecutive	65,490	9.4%
days		
Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7	17,980	2.6%
consecutive days Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at		
least 7 consecutive days	3,542	0.5%
Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least	17.005	2 40/
7 consecutive days	17,005	2.4%
Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at	2 115	0.4%
	3,115	U.470
least 7 consecutive days		

cder\_mpl1p\_wp085 Page 79 of 390



Table 1o. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Schedule II (C-II) Opioid Analgesics Patients of Age 45-64 Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent	
Amphetamine Single-entity Products Immediate Release	43	0.0%	
Amphetamine Single-entity Products Extended Release Oral Solid	55	0.0%	
Amphetamine Single-entity Products Extended Release Oral Liquid	****	****	
Dextroamphetamine Single-entity Products Immediate Release	505	0.1%	
Dextroamphetamine Single-entity Products Extended Release	347	0.0%	
Amphetamine/Dextroamphetamine Combination Products Immediate	13,619	2.0%	
Release			
Amphetamine/Dextroamphetamine Combination Products Extended Release	7,236	1.0%	
Lisdexamfetamine Extended Release	5,440	0.8%	
Methamphetamine Single-entity Products Immediate Release	20	0.0%	
Methylphenidate Single-entity Products Immediate Release	4,990	0.7%	
Methylphenidate Single-entity Products Extended Release Oral Solid	2,419	0.3%	
Methylphenidate Single-entity Products Extended Release Oral Liquid	****	****	
Methylphenidate Single-entity Products Extended Release Transdermal Patch	16	0.0%	
Dexmethylphenidate Single-entity Products Immediate Release	297	0.0%	
Dexmethylphenidate Single-entity Products Extended Release	359	0.1%	
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	24	0.0%	
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	18,202	2.6%	
Release			
Any ADHD Stimulant API Extended Release	13,692	2.0%	
Atomoexetine Immediate Release	2,639	0.4%	
Guanfacine Extended Release	513	0.1%	
Viloxazine Extended Release	35	0.0%	
Clonidine Extended Release	3,460	0.5%	
Any ADHD Non-Stimulant API Extended Release	3,988	0.6%	
Codeine	580	0.1%	
Fentanyl	11,809	1.7%	
Hydrocodone	467,417	67.0%	
Hydromorphone	33,595	4.8%	
Morphine	29,086	4.2%	
Oxycodone	392,674	56.3%	
Oxymorphone	336	0.0%	
Other C-II Opioid Analgesics	8,603	1.2%	

cder\_mpl1p\_wp085 Page 80 of 390



Table 1o. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 45-64 Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 45-64 Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	24.6	30.0
Mean number of emergency room encounters	1.0	2.4
Mean number of inpatient hospital encounters	0.5	1.1
Mean number of non-acute institutional encounters	0.1	0.5
Mean number of other ambulatory encounters	7.3	16.7
Mean number of filled prescriptions	40.1	35.7
Mean number of generics dispensed	12.0	6.7
Mean number of unique drug classes dispensed	10.6	5.7
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: I10 — Essential Primary Hypertension	267,428	38.3%
Diagnosis 2: Z01818 — Encounter For Other Preprocedural Examination	154,736	22.2%
Diagnosis 3: Z79899 — Other Long Term Current Drug Therapy	131,668	18.9%
Diagnosis 4: E785 — Hyperlipidemia Unspecified	126,751	18.2%
Diagnosis 5: K219 — Gastroesophageal Reflux Disease Without Esophagitis	106,909	15.3%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 81 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1p. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

65+ Years, in the Sentinei Distributed Database (SDD) from A	ADHD Stimulant Med	ADHD Stimulant Medication Patients of Age 65+ Years	
Patient Characteristics	Number		
Unique patients	45,378		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	7,426	16.4%	
Medicare Members	37,952	83.6%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	73.8	6.8	
Age	Number	Percent	
≥ 65 years	45,378	100.0%	
Sex			
Female	26,093	57.5%	
Male	19,285	42.5%	
Race <sup>1</sup>			
American Indian or Alaska Native	99	0.2%	
Asian	309	0.7%	
Black or African American	1,239	2.7%	
Multi-racial	61	0.1%	
Native Hawaiian or Other Pacific Islander	33	0.1%	
Unknown	4,550	10.0%	
White	39,087	86.1%	
Hispanic origin			
Yes	234	0.5%	
No	39,558	87.2%	
Unknown	5,586	12.3%	
Year			
2018	17,106	37.7%	
2019	22,315	49.2%	
2020	5,957	13.1%	
Census Bureau Region <sup>2</sup>			
Invalid	147	0.3%	
Midwest	9,445	20.8%	
Northeast	8,705	19.2%	
South	17,575	38.7%	
West	9,462	20.9%	
	****	****	
Missing	****	****	
Other	ক ক ক ক ক	<i>ተተተተ</i>	

cder\_mpl1p\_wp085 Page 82 of 390



Table 1p. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 65+ Years	
		Percent/Standard
Health Characteristics	Number/Mean	Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	3.9	4.0
Combined comorbidity score categories		
<=0	8,445	18.6%
1-2	13,641	30.1%
3-4	7,828	17.3%
5+	15,464	34.1%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	45,378	100.0%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	648	1.4%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	16,681	36.8%
Medication for Opioid-Related Disorders on index date or year prior	287	0.6%
Antidepressant Medication on index date or year prior	32,078	70.7%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	21,287	46.9%
Antipsychotic Medication on index date or year prior	9,780	21.6%
Mood Stabilizers on index date or year prior	4,304	9.5%
Cancer on index date or year prior	10,174	22.4%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	35,990	79.3%
ADHD on Index Date or year prior	8,423	18.6%
Conduct or Adjustment Disorders or other related disorders on index date or	484	1.1%
year prior		
Narcolepsy on index date or year prior	1,262	2.8%
Binge-Eating Disorder on index date or year prior	377	0.8%
ADHD on Index Date or 30 days Prior	6,310	13.9%
Conduct or Adjustment Disorders or other related disorders on index date or	150	0.3%
30 days Prior		
Narcolepsy on index date or 30 days Prior	797	1.8%
Binge-Eating Disorder on index date or 30 days Prior	301	0.7%
Hypertension on index date or year prior	32,359	71.3%
Coronary artery disease on index date or year prior	13,693	30.2%
Cardiac arrhythmia on index date or year prior	12,103	26.7%
Cardiomyopathy on index date or year prior	2,137	4.7%
Cardiac structural abnormality on index date or year prior	514	1.1%
All other diseases of the circulatory system on index date or year prior	10,203	22.5%
Epilepsy or recurrent seizures on index date or year prior	1,621	3.6%
Other seizure or convulsions on index date or year prior	1,877	4.1%
Depression on index date or year prior	25,578	56.4%
Anxiety on index date or year prior	19,565	43.1%
Bipolar Disorder on index date or year prior	3,246	7.2%
Sleep Disorder on index date or year prior	23,147	51.0%
Psychotic Disorder on index date or year prior	1,670	3.7%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	1,568	3.5%

cder\_mpl1p\_wp085 Page 83 of 390



Table 1p. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 65+	
Health Characteristics		ears
Manic Episode on index date or year prior	Number 128	Percent 0.3%
Autistic Disorder on index date or year prior	54	0.5%
Any Substance-Related Disorders on index date or year prior		
	16,197	35.7%
Opioid-Related Disorders on index date or year prior	2,375	5.2%
Stimulant-Related Disorders on index date or year prior	202	0.4%
Cocaine-Related Disorders on index date or year prior	69	0.2%
Other Stimulant-Related Disorders on index date or year prior	144	0.3%
Alcohol-Related Disorders on index date or year prior	1,708	3.8%
Cannabis-Related Disorders on index date or year prior	353	0.8%
Tobacco-Related Disorders on index date or year prior	13,845	30.5%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	1,771	3.9%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	139	0.3%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or	91	0.2%
year prior Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	****	****
Intentional Poisoning by Broad Category on index date or year prior	814	1.8%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	35,461	78.1%
index date or year prior	00) 102	7 3.2/3
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	38,025	83.8%
index date or 30 days Prior	30,023	03.070
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	405	0.9%
disorder on index date or year prior	403	0.570
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	123	0.3%
disorder on index date or 30 days Prior	123	0.570
At least One Encounter in the Emergency Department in Year Prior	16,650	36.7%
At least One Encounter in the Inpatient Care Setting in Year Prior	12,648	27.9%
At least One Encounter in the Outpatient Care Setting in Year Prior	45,253	99.7%
Medical Product Use - Concurrent Use	Number	Percent
Concurrent antidepressants with ADHD Stimulant medication for at least 7	31,349	69.1%
consecutive days	31,349	09.1%
•	12.025	20.70/
Concurrent benzodiazepines with ADHD Stimulant medication for at least 7	13,935	30.7%
consecutive days	6.654	4.4 =0/
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with	6,654	14.7%
ADHD Stimulant medication for at least 7 consecutive days		
Concurrent antipsychotics with ADHD Stimulant medication for at least 7 consecutive days	8,174	18.0%
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant	584	1.3%
medication for at least 7 consecutive days		
Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7	12,384	27.3%
consecutive days	, .	
Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least	9,590	21.1%
7 consecutive days	3,330	21.1/0

cder\_mpl1p\_wp085 Page 84 of 390



Table 1p. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 65+ Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	35	0.1%
Amphetamine Single-entity Products Extended Release Oral Solid	29	0.1%
Amphetamine Single-entity Products Extended Release Oral Liquid	****	****
Dextroamphetamine Single-entity Products Immediate Release	1,045	2.3%
Dextroamphetamine Single-entity Products Extended Release	505	1.1%
Amphetamine/Dextroamphetamine Combination Products Immediate		
Release	15,577	34.3%
Amphetamine/Dextroamphetamine Combination Products Extended Release	5,830	12.8%
Lisdexamfetamine Extended Release	2,337	5.2%
Methamphetamine Single-entity Products Immediate Release	****	****
Methylphenidate Single-entity Products Immediate Release	25,123	55.4%
Methylphenidate Single-entity Products Extended Release Oral Solid	2,725	6.0%
Methylphenidate Single-entity Products Extended Release Oral Liquid	****	****
Methylphenidate Single-entity Products Extended Release Transdermal Patch	18	0.0%
Dexmethylphenidate Single-entity Products Immediate Release	597	1.3%
Dexmethylphenidate Single-entity Products Extended Release	362	0.8%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	****	****
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	39,775	87.7%
Release	33,773	37.7,0
Any ADHD Stimulant API Extended Release	10,597	23.4%
Atomoexetine Immediate Release	767	1.7%
Guanfacine Extended Release	102	0.2%
Viloxazine Extended Release	****	****
Clonidine Extended Release	262	0.6%
Any ADHD Non-Stimulant API Extended Release	367	0.8%
Codeine	29	0.1%
Fentanyl	1,291	2.8%
Hydrocodone	14,396	31.7%
Hydromorphone	1,554	3.4%
Morphine	2,642	5.8%
Oxycodone	12,537	27.6%
Oxymorphone	37	0.1%
Other C-II Opioid Analgesics	622	1.4%

cder\_mpl1p\_wp085 Page 85 of 390



Table 1p. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 65+ Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	34.0	27.4
Mean number of emergency room encounters	0.7	1.5
Mean number of inpatient hospital encounters	0.5	1.1
Mean number of non-acute institutional encounters	0.2	0.7
Mean number of other ambulatory encounters	11.9	21.6
Mean number of filled prescriptions	47.2	36.0
Mean number of generics dispensed	13.9	7.0
Mean number of unique drug classes dispensed	12.8	6.0
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: I10 — Essential Primary Hypertension	15,415	34.0%
Diagnosis 2: E785 — Hyperlipidemia Unspecified	6,874	15.1%
Diagnosis 3: R5383 — Other Fatigue	6,618	14.6%
Diagnosis 4: Z79899 — Other Long Term Current Drug Therapy	6,396	14.1%
Diagnosis 5: F329 — Major Depressive Disorder Single Episode Unspecified	6,021	13.3%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 86 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1q. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

Age 031 Tears, in the Sentiner Distributed Database (3DD) In	ADHD Non-Stimulant Medication Patients of Age 65+ Years	
Patient Characteristics	Number	
Unique patients	45,078	
Healthcare Payor Status	Number	Percent
Commercial payor patients	7,125	15.8%
Medicare Members	37,953	84.2%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	77.4	8.1
Age	Number	Percent
≥ 65 years	45,078	100.0%
Sex		
Female	30,553	67.8%
Male	14,525	32.2%
Race <sup>1</sup>		
American Indian or Alaska Native	188	0.4%
Asian	1,204	2.7%
Black or African American	7,522	16.7%
Multi-racial	27	0.1%
Native Hawaiian or Other Pacific Islander	37	0.1%
Unknown	4,537	10.1%
White	31,563	70.0%
Hispanic origin		
Yes	1,071	2.4%
No	39,290	87.2%
Unknown	4,717	10.5%
Year		
2018	16,949	37.6%
2019	22,619	50.2%
2020	5,510	12.2%
Census Bureau Region <sup>2</sup>		
Invalid	90	0.2%
Midwest	7,952	17.6%
Northeast	6,506	14.4%
South	21,727	48.2%
West	8,749	19.4%
Missing	****	****
Other	****	****

cder\_mpl1p\_wp085 Page 87 of 390



Table 1q. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 65+ Years	
		Percent/Standard
Health Characteristics	Number/Mean	Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	5.3	4.1
Combined comorbidity score categories		
<=0	5,189	11.5%
1-2	8,220	18.2%
3-4	8,082	17.9%
5+	23,587	52.3%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	1,498	3.3%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	45,078	100.0%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	13,861	30.7%
Medication for Opioid-Related Disorders on index date or year prior	199	0.4%
Antidepressant Medication on index date or year prior	21,241	47.1%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	15,921	35.3%
Antipsychotic Medication on index date or year prior	5,686	12.6%
Mood Stabilizers on index date or year prior	2,912	6.5%
Cancer on index date or year prior	6,582	14.6%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	37,551	83.3%
ADHD on Index Date or year prior	2,053	4.6%
Conduct or Adjustment Disorders or other related disorders on index date or	1,006	2.2%
year prior		
Narcolepsy on index date or year prior	117	0.3%
Binge-Eating Disorder on index date or year prior	21	0.0%
ADHD on Index Date or 30 days Prior	1,526	3.4%
Conduct or Adjustment Disorders or other related disorders on index date or	343	0.8%
30 days Prior		
Narcolepsy on index date or 30 days Prior	43	0.1%
Binge-Eating Disorder on index date or 30 days Prior	14	0.0%
Hypertension on index date or year prior	42,993	95.4%
Coronary artery disease on index date or year prior	22,828	50.6%
Cardiac arrhythmia on index date or year prior	19,237	42.7%
Cardiomyopathy on index date or year prior	3,466	7.7%
Cardiac structural abnormality on index date or year prior	694	1.5%
All other diseases of the circulatory system on index date or year prior	13,447	29.8%
Epilepsy or recurrent seizures on index date or year prior	2,489	5.5%
Other seizure or convulsions on index date or year prior	2,835	6.3%
Depression on index date or year prior	16,431	36.5%
Anxiety on index date or year prior	16,549	36.7%
Bipolar Disorder on index date or year prior	1,814	4.0%
Sleep Disorder on index date or year prior	21,655	48.0%
Psychotic Disorder on index date or year prior	3,228	7.2%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	710	1.6%

cder\_mpl1p\_wp085 Page 88 of 390



Table 1q. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age	
		Years
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	123	0.3%
Autistic Disorder on index date or year prior	37	0.1%
Any Substance-Related Disorders on index date or year prior	17,015	37.7%
Opioid-Related Disorders on index date or year prior	2,740	6.1%
Stimulant-Related Disorders on index date or year prior	257	0.6%
Cocaine-Related Disorders on index date or year prior	119	0.3%
Other Stimulant-Related Disorders on index date or year prior	150	0.3%
Alcohol-Related Disorders on index date or year prior	1,566	3.5%
Cannabis-Related Disorders on index date or year prior	315	0.7%
Tobacco-Related Disorders on index date or year prior	14,801	32.8%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	2,145	4.8%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	200	0.4%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	153	0.3%
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	14	0.0%
Intentional Poisoning by Broad Category on index date or year prior	705	1.6%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	42,918	95.2%
index date or year prior	42,310	33.270
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	43,504	96.5%
index date or 30 days Prior	43,304	30.370
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	966	2.1%
disorder on index date or year prior	300	2.170
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	331	0.7%
disorder on index date or 30 days Prior	221	0.7%
At least One Encounter in the Emergency Department in Year Prior	22.440	F1 00/
	23,418	51.9%
At least One Encounter in the Inpatient Care Setting in Year Prior	21,474	47.6%
At least One Encounter in the Outpatient Care Setting in Year Prior	44,997	99.8%
Medical Product Use - Concurrent Use  Concurrent antidepressants with ADHD Non-Stimulant medication for at least	Number	Percent
·	21,038	46.7%
7 consecutive days	0.020	22.00/
Concurrent benzodiazepines with ADHD Non-Stimulant medication for at	9,930	22.0%
least 7 consecutive days		
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with	4,666	10.4%
ADHD Non-Stimulant medication for at least 7 consecutive days		
Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 consecutive days	5,664	12.6%
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant	984	2.2%
medication for at least 7 consecutive days		
Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at	12,372	27.4%
least 7 consecutive days	,	
Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at	8,412	18.7%
least 7 consecutive days	-, -=	

cder\_mpl1p\_wp085 Page 89 of 390



Table 1q. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 65+ Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	****	****
Amphetamine Single-entity Products Extended Release Oral Solid	0	0.0%
Amphetamine Single-entity Products Extended Release Oral Liquid	0	0.0%
Dextroamphetamine Single-entity Products Immediate Release	58	0.1%
Dextroamphetamine Single-entity Products Extended Release	51	0.1%
Amphetamine/Dextroamphetamine Combination Products Immediate	743	1.6%
Release		
Amphetamine/Dextroamphetamine Combination Products Extended Release	414	0.9%
Lisdexamfetamine Extended Release	213	0.5%
Methamphetamine Single-entity Products Immediate Release	****	****
Methylphenidate Single-entity Products Immediate Release	516	1.1%
Methylphenidate Single-entity Products Extended Release Oral Solid	184	0.4%
Methylphenidate Single-entity Products Extended Release Oral Liquid	0	0.0%
Methylphenidate Single-entity Products Extended Release Transdermal Patch	****	****
Dexmethylphenidate Single-entity Products Immediate Release	50	0.1%
Dexmethylphenidate Single-entity Products Extended Release	41	0.1%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	****	****
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	1,240	2.8%
Release		
Any ADHD Stimulant API Extended Release	762	1.7%
Atomoexetine Immediate Release	3,772	8.4%
Guanfacine Extended Release	910	2.0%
Viloxazine Extended Release	****	****
Clonidine Extended Release	40,586	90.0%
Any ADHD Non-Stimulant API Extended Release	41,436	91.9%
Codeine	20	0.0%
Fentanyl	968	2.1%
Hydrocodone	12,683	28.1%
Hydromorphone	891	2.0%
Morphine	2,161	4.8%
Oxycodone	8,745	19.4%
Oxymorphone	38	0.1%
Other C-II Opioid Analgesics	418	0.9%

cder\_mpl1p\_wp085 Page 90 of 390



Table 1q. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 65+ Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	34.8	37.8
Mean number of emergency room encounters	1.3	2.5
Mean number of inpatient hospital encounters	1.0	1.5
Mean number of non-acute institutional encounters	0.4	1.0
Mean number of other ambulatory encounters	20.5	31.3
Mean number of filled prescriptions	62.1	49.3
Mean number of generics dispensed	16.5	7.5
Mean number of unique drug classes dispensed	14.6	6.2
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: I10 — Essential Primary Hypertension	34,778	77.2%
Diagnosis 2: E785 — Hyperlipidemia Unspecified	13,884	30.8%
Diagnosis 3: E119 — Type 2 Diabetes Mellitus Without Complications	11,095	24.6%
Diagnosis 4: I2510 — Atherosclerotic Heart Disease Native Coronary Artery	9,404	20.9%
Without Angina Pectoris		
Diagnosis 5: Z79899 — Other Long Term Current Drug Therapy	7,980	17.7%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 91 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1r. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

Database (SDD) from April 1, 2010 to March 31, 2020	Schedule II (C-II) Opioid Analgesics Patients of Age 65+ Years	
Patient Characteristics	Number	
Unique patients	1,798,751	
Healthcare Payor Status	Number	Percent
Commercial payor patients	349,046	19.4%
Medicare Members	1,449,705	80.6%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	75.5	7.3
Age	Number	Percent
≥ 65 years	1,798,751	100.0%
Sex		
Female	1,056,739	58.7%
Male	742,012	41.3%
Race <sup>1</sup>		
American Indian or Alaska Native	6,482	0.4%
Asian	21,385	1.2%
Black or African American	111,792	6.2%
Multi-racial	1,675	0.1%
Native Hawaiian or Other Pacific Islander	1,862	0.1%
Unknown	173,622	9.7%
White	1,481,933	82.4%
Hispanic origin		
Yes	20,822	1.2%
No	1,569,613	87.3%
Unknown	208,316	11.6%
Year		
2018	729,001	40.5%
2019	863,786	48.0%
2020	205,964	11.5%
Census Bureau Region <sup>2</sup>		
Invalid	4,981	0.3%
Midwest	450,699	25.1%
Northeast	232,147	12.9%
South	745,182	41.4%
West	364,574	20.3%
Missing	141	0.0%
Other	1,027	0.1%

cder\_mpl1p\_wp085 Page 92 of 390



Table 1r. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 65+ Years	
	Number/Mean	Percent/Standard
Health Characteristics		Deviation <sup>3</sup>
Combined comorbidity score <sup>4</sup>	3.5	3.8
Combined comorbidity score categories		
<=0	427,807	23.8%
1-2	481,925	26.8%
3-4	309,564	17.2%
5+	579,455	32.2%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on index date or year prior	13,730	0.8%
ADHD Non-Stimulant Medication on index date or year prior	6,219	0.3%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	1,798,751	100.0%
Medication for Opioid-Related Disorders on index date or year prior	2,008	0.1%
Antidepressant Medication on index date or year prior	680,128	37.8%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	524,409	29.2%
Antipsychotic Medication on index date or year prior	128,747	7.2%
Mood Stabilizers on index date or year prior	51,628	2.9%
Cancer on index date or year prior	366,735	20.4%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	1,643,022	91.3%
ADHD on Index Date or year prior	8,730	0.5%
Conduct or Adjustment Disorders or other related disorders on index date or	11,607	0.6%
year prior	,	0.0,0
Narcolepsy on index date or year prior	2,341	0.1%
Binge-Eating Disorder on index date or year prior	441	0.0%
ADHD on Index Date or 30 days Prior	3,471	0.2%
Conduct or Adjustment Disorders or other related disorders on index date or	3,315	0.2%
30 days Prior	,	
Narcolepsy on index date or 30 days Prior	817	0.0%
Binge-Eating Disorder on index date or 30 days Prior	110	0.0%
Hypertension on index date or year prior	1,492,413	83.0%
Coronary artery disease on index date or year prior	684,056	38.0%
Cardiac arrhythmia on index date or year prior	585,426	32.5%
Cardiomyopathy on index date or year prior	117,931	6.6%
Cardiac structural abnormality on index date or year prior	23,256	1.3%
All other diseases of the circulatory system on index date or year prior	411,816	22.9%
Epilepsy or recurrent seizures on index date or year prior	42,027	2.3%
Other seizure or convulsions on index date or year prior	42,395	2.4%
Depression on index date or year prior	466,037	25.9%
Anxiety on index date or year prior	462,092	25.7%
Bipolar Disorder on index date or year prior	30,020	1.7%
Sleep Disorder on index date or year prior	715,999	39.8%
Psychotic Disorder on index date or year prior	42,410	2.4%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	14,319	0.8%

cder\_mpl1p\_wp085 Page 93 of 390



Table 1r. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of A 65+ Years	
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	1,482	0.1%
Autistic Disorder on index date or year prior	445	0.0%
Any Substance-Related Disorders on index date or year prior	706,361	39.3%
Opioid-Related Disorders on index date or year prior	43,728	2.4%
Stimulant-Related Disorders on index date or year prior	3,998	0.2%
Cocaine-Related Disorders on index date or year prior	1,864	0.1%
Other Stimulant-Related Disorders on index date or year prior	2,293	0.1%
Alcohol-Related Disorders on index date or year prior	49,311	2.7%
Cannabis-Related Disorders on index date or year prior	8,538	0.5%
Tobacco-Related Disorders on index date or year prior	660,598	36.7%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	85,546	4.8%
Unintentional or Undetermined Poisoning by Broad Category on index date or	•	
year prior	2,042	0.1%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	1,354	0.1%
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	138	0.0%
Intentional Poisoning by Broad Category on index date or year prior	17,447	1.0%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	1,787,413	99.4%
index date or year prior	1,707,413	99.4%
	1 704 202	00.00/
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on	1,794,393	99.8%
index date or 30 days Prior	44.400	0.60/
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	11,490	0.6%
disorder on index date or year prior	2 202	0.20/
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct	3,302	0.2%
disorder on index date or 30 days Prior	754 742	44.00/
At least One Encounter in the Emergency Department in Year Prior	751,743	41.8%
At least One Encounter in the Inpatient Care Setting in Year Prior	774,897	43.1%
At least One Encounter in the Outpatient Care Setting in Year Prior	1,795,836	99.8%
Medical Product Use - Concurrent Use  Concurrent antidepressants with C-II Opioid Analgesic for at least 7	Number	Percent
· · · · · · · · · · · · · · · · · · ·	636,768	35.4%
consecutive days Concurrent benzodiazepines with C-II Opioid Analgesic for at least 7	250.022	4.4.40/
consecutive days	258,833	14.4%
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with C-II	121 142	6.70/
Opioid Analgesic for at least 7 consecutive days	121,142	6.7%
Concurrent antipsychotics with C-II Opioid Analgesic for at least 7 consecutive	111 265	6.20/
days	111,265	6.2%
Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7	12,048	0.7%
consecutive days	12,040	0.770
Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at	6,250	0.3%
least 7 consecutive days	0,230	0.3/0
Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least	11,178	0.6%
7 consecutive days	11,170	0.0/0
Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at	5,501	0.3%
least 7 consecutive days	J,5	0.070

cder\_mpl1p\_wp085 Page 94 of 390



Table 1r. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 65+ Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	12	0.0%
Amphetamine Single-entity Products Extended Release Oral Solid	****	****
Amphetamine Single-entity Products Extended Release Oral Liquid	0	0.0%
Dextroamphetamine Single-entity Products Immediate Release	564	0.0%
Dextroamphetamine Single-entity Products Extended Release	332	0.0%
Amphetamine/Dextroamphetamine Combination Products Immediate	7,056	0.4%
Release	.,	
Amphetamine/Dextroamphetamine Combination Products Extended Release	2,864	0.2%
Lisdexamfetamine Extended Release	1,188	0.1%
Methamphetamine Single-entity Products Immediate Release	****	****
Methylphenidate Single-entity Products Immediate Release	8,764	0.5%
Methylphenidate Single-entity Products Extended Release Oral Solid	1,285	0.1%
Methylphenidate Single-entity Products Extended Release Oral Liquid	****	****
Methylphenidate Single-entity Products Extended Release Transdermal Patch	****	****
Dexmethylphenidate Single-entity Products Immediate Release	256	0.0%
Dexmethylphenidate Single-entity Products Extended Release	191	0.0%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	****	****
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	15,713	0.9%
Release		
Any ADHD Stimulant API Extended Release	5,328	0.3%
Atomoexetine Immediate Release	1,102	0.1%
Guanfacine Extended Release	255	0.0%
Viloxazine Extended Release	11	0.0%
Clonidine Extended Release	9,619	0.5%
Any ADHD Non-Stimulant API Extended Release	9,870	0.5%
Codeine	1,664	0.1%
Fentanyl	54,238	3.0%
Hydrocodone	1,231,382	68.5%
Hydromorphone	73,879	4.1%
Morphine	138,244	7.7%
Oxycodone	913,336	50.8%
Oxymorphone	314	0.0%
Other C-II Opioid Analgesics	13,891	0.8%

cder\_mpl1p\_wp085 Page 95 of 390



Table 1r. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 65+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 65+ Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	29.0	25.5
Mean number of emergency room encounters	0.9	1.7
Mean number of inpatient hospital encounters	0.7	1.0
Mean number of non-acute institutional encounters	0.2	0.6
Mean number of other ambulatory encounters	11.2	20.8
Mean number of filled prescriptions	42.0	35.6
Mean number of generics dispensed	12.8	6.1
Mean number of unique drug classes dispensed	11.4	5.3
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: I10 — Essential Primary Hypertension	1,015,414	56.5%
Diagnosis 2: E785 — Hyperlipidemia Unspecified	544,101	30.2%
Diagnosis 3: Z01818 — Encounter For Other Preprocedural Examination	420,872	23.4%
Diagnosis 4: Z79899 — Other Long Term Current Drug Therapy	411,292	22.9%
Diagnosis 5: K219 — Gastroesophageal Reflux Disease Without Esophagitis	358,827	19.9%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 96 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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 1s. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

18+ Years, in the Sentinei Distributed Database (SDD) from A	ADHD Stimulant Medication Patients of Age 18+ Years		
Patient Characteristics	Number		
Unique patients	315,709		
Healthcare Payor Status	Number	Percent	
Commercial payor patients	243,764	77.2%	
Medicare Members	71,945	22.8%	
Demographic Characteristics	Mean	Standard Deviation	
Age (years)	41.9	14.2	
Age	Number	Percent	
18-25 years	74,479	23.6%	
26-29 years	26,551	8.4%	
30-39 years	68,011	21.5%	
40-49 years	52,367	16.6%	
50-64 years	48,948	15.5%	
≥ 65 years	45,353	14.4%	
Sex			
Female	176,321	55.8%	
Male	139,388	44.2%	
Race <sup>1</sup>			
American Indian or Alaska Native	561	0.2%	
Asian	1,665	0.5%	
Black or African American	5,626	1.8%	
Multi-racial	3,792	1.2%	
Native Hawaiian or Other Pacific Islander	112	0.0%	
Unknown	206,991	65.6%	
White	96,962	30.7%	
Hispanic origin			
Yes	3,778	1.2%	
No	82,884	26.3%	
Unknown	229,047	72.6%	
Year			
2018	117,788	37.3%	
2019	156,724	49.6%	
2020	41,197	13.0%	
Census Bureau Region <sup>2</sup>			
Invalid	2,952	0.9%	
Midwest	69,770	22.1%	
Northeast	47,427	15.0%	
South	135,640	43.0%	
West	59,500	18.9%	
	350	0.1%	
Missing			
Other	70	0.0%	

cder\_mpl1p\_wp085 Page 97 of 390



Table 1s. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 18+	
	Years	
	Number/Mean	Percent/Standard
Health Characteristics		Deviation <sup>3</sup>
Combined comorbidity score <sup>5</sup>	1.3	2.1
Combined comorbidity score categories		
<=0	144,975	45.9%
1-2	122,617	38.8%
3-4	24,002	7.6%
5+	24,115	7.6%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	315,709	100.0%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	12,232	3.9%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	74,478	23.6%
Medication for Opioid-Related Disorders on index date or year prior	4,764	1.5%
Antidepressant Medication on index date or year prior	167,968	53.2%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	112,185	35.5%
Antipsychotic Medication on index date or year prior	45,021	14.3%
Mood Stabilizers on index date or year prior	30,584	9.7%
Cancer on index date or year prior	16,000	5.1%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	158,683	50.3%
ADHD on Index Date or year prior	151,533	48.0%
Conduct or Adjustment Disorders or other related disorders on index date or	4,019	1.3%
year prior		
Narcolepsy on index date or year prior	4,327	1.4%
Binge-Eating Disorder on index date or year prior	6,119	1.9%
ADHD on Index Date or 30 days Prior	130,685	41.4%
Conduct or Adjustment Disorders or other related disorders on index date or	1,503	0.5%
30 days Prior		
Narcolepsy on index date or 30 days Prior	2,790	0.9%
Binge-Eating Disorder on index date or 30 days Prior	5,232	1.7%
Hypertension on index date or year prior	79,514	25.2%
Coronary artery disease on index date or year prior	20,479	6.5%
Cardiac arrhythmia on index date or year prior	27,873	8.8%
Cardiomyopathy on index date or year prior	3,441	1.1%
Cardiac structural abnormality on index date or year prior	1,757	0.6%
All other diseases of the circulatory system on index date or year prior	21,725	6.9%
Epilepsy or recurrent seizures on index date or year prior	6,503	2.1%
Other seizure or convulsions on index date or year prior	6,657	2.1%
Depression on index date or year prior	122,759	38.9%
Anxiety on index date or year prior	138,807	44.0%
Bipolar Disorder on index date or year prior	28,253	8.9%
Sleep Disorder on index date or year prior	82,329	26.1%
Psychotic Disorder on index date or year prior	9,000	2.9%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	18,514	5.9%

cder\_mpl1p\_wp085 Page 98 of 390



Table 1s. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 18+ Years	
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	803	0.3%
Autistic Disorder on index date or year prior	2,878	0.9%
Any Substance-Related Disorders on index date or year prior	69,197	21.9%
Opioid-Related Disorders on index date or year prior	14,249	4.5%
Stimulant-Related Disorders on index date or year prior	4,863	1.5%
Cocaine-Related Disorders on index date or year prior	2,366	0.7%
Other Stimulant-Related Disorders on index date or year prior	3,151	1.0%
Alcohol-Related Disorders on index date or year prior	12,563	4.0%
Cannabis-Related Disorders on index date or year prior	7,926	2.5%
Tobacco-Related Disorders on index date or year prior	52,341	16.6%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	12,235	3.9%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	1,014	0.3%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	634	0.2%
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	129	0.0%
Intentional Poisoning by Broad Category on index date or year prior	2,298	0.7%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	155,568	49.3%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	178,020	56.4%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior	1,720	0.5%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior	689	0.2%
At least One Encounter in the Emergency Department in Year Prior	79,874	25.3%
At least One Encounter in the Inpatient Care Setting in Year Prior	35,272	11.2%
At least One Encounter in the Outpatient Care Setting in Year Prior	302,493	95.8%
Medical Product Use - Concurrent Use	,	
Concurrent antidepressants with ADHD Stimulant medication for at least 7 consecutive days	176,098	55.8%
Concurrent benzodiazepines with ADHD Stimulant medication for at least 7 consecutive days	76,783	24.3%
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Stimulant medication for at least 7 consecutive days	42,502	13.5%
Concurrent antipsychotics with ADHD Stimulant medication for at least 7	47,396	15.0%
consecutive days  Concurrent ADHD Stimulant medication with ADHD Non-Stimulant	10,859	3.4%
medication for at least 7 consecutive days  Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7  consecutive days	44,241	14.0%
consecutive days  Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	33,498	10.6%

cder\_mpl1p\_wp085 Page 99 of 390



Table 1s. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 18+ Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	828	0.3%
Amphetamine Single-entity Products Extended Release Oral Solid	970	0.3%
Amphetamine Single-entity Products Extended Release Oral Liquid	89	0.0%
Dextroamphetamine Single-entity Products Immediate Release	5,079	1.6%
Dextroamphetamine Single-entity Products Extended Release	2,780	0.9%
Amphetamine/Dextroamphetamine Combination Products Immediate	150,320	47.6%
Release	,	
Amphetamine/Dextroamphetamine Combination Products Extended Release	99,094	31.4%
Lisdexamfetamine Extended Release	76,358	24.2%
Methamphetamine Single-entity Products Immediate Release	79	0.0%
Methylphenidate Single-entity Products Immediate Release	62,679	19.9%
Methylphenidate Single-entity Products Extended Release Oral Solid	37,457	11.9%
Methylphenidate Single-entity Products Extended Release Oral Liquid	63	0.0%
Methylphenidate Single-entity Products Extended Release Transdermal Patch	304	0.1%
Dexmethylphenidate Single-entity Products Immediate Release	4,748	1.5%
Dexmethylphenidate Single-entity Products Extended Release	5,972	1.9%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	219	0.1%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	207,705	65.8%
Release	·	
Any ADHD Stimulant API Extended Release	186,184	59.0%
Atomoexetine Immediate Release	11,632	3.7%
Guanfacine Extended Release	3,205	1.0%
Viloxazine Extended Release	193	0.1%
Clonidine Extended Release	999	0.3%
Any ADHD Non-Stimulant API Extended Release	4,303	1.4%
Codeine	73	0.0%
Fentanyl	2,744	0.9%
Hydrocodone	67,179	21.3%
Hydromorphone	5,133	1.6%
Morphine	5,907	1.9%
Oxycodone	53,840	17.1%
Oxymorphone	225	0.1%
Other C-II Opioid Analgesics	2,147	0.7%

cder\_mpl1p\_wp085 Page 100 of 390



Table 1s. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Stimulant Medication Patients of Age 18+ Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	18.1	19.9
Mean number of emergency room encounters	0.5	1.6
Mean number of inpatient hospital encounters	0.2	0.6
Mean number of non-acute institutional encounters	0.1	0.4
Mean number of other ambulatory encounters	4.2	11.2
Mean number of filled prescriptions	27.0	28.6
Mean number of generics dispensed	8.8	6.2
Mean number of unique drug classes dispensed	8.1	5.4
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: F900 — Attention-Deficit Hyperactivity Disorder Inattentive Type	62,180	19.7%
Diagnosis 2: F411 — Generalized Anxiety Disorder	42,501	13.5%
Diagnosis 3: F909 — Attention-Deficit Hyperactivity Disorder Unspecified Type	38,125	12.1%
Diagnosis 4: I10 — Essential Primary Hypertension	34,908	11.1%
Diagnosis 5: F419 — Anxiety Disorder Unspecified	32,584	10.3%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 101 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.



Table 1t. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age	
		8+ Years
Patient Characteristics	Number	
Unique patients	114,040	
Healthcare Payor Status	Number	Percent
Commercial payor patients	50,839	44.6%
Medicare Members	63,201	55.4%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	55.3	17.5
Age	Number	Percent
18-25 years	13,896	12.2%
26-29 years	4,869	4.3%
30-39 years	14,818	13.0%
40-49 years	14,414	12.6%
50-64 years	20,969	18.4%
≥ 65 years	45,074	39.5%
Sex		
Female	66,996	58.7%
Male	47,044	41.3%
Race <sup>1</sup>		
American Indian or Alaska Native	512	0.4%
Asian	1,706	1.5%
Black or African American	13,565	11.9%
Multi-racial	687	0.6%
Native Hawaiian or Other Pacific Islander	58	0.1%
Unknown	42,301	37.1%
White	55,211	48.4%
Hispanic origin		
Yes	2,593	2.3%
No	65,848	57.7%
Unknown	45,599	40.0%
Year		
2018	41,829	36.7%
2019	57,721	50.6%
2020	14,490	12.7%
Census Bureau Region <sup>2</sup>		
Invalid	424	0.4%
Midwest	24,653	21.6%
Northeast	16,391	14.4%
South	51,524	45.2%
	20,921	18.4%
West		
Missing	59	0.1%
Other	68	0.1%

cder\_mpl1p\_wp085 Page 102 of 390



Table 1t. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 18+ Years	
		Percent/Standard
Health Characteristics	Number/Mean	Deviation <sup>3</sup>
Combined comorbidity score <sup>5</sup>	3.4	3.4
Combined comorbidity score categories		
<=0	26,341	23.1%
1-2	37,137	32.6%
3-4	16,519	14.5%
5+	34,043	29.9%
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	19,725	17.3%
index date or year prior		
ADHD Non-Stimulant Medication on index date or year prior	114,040	100.0%
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	35,204	30.9%
Medication for Opioid-Related Disorders on index date or year prior	2,902	2.5%
Antidepressant Medication on index date or year prior	64,035	56.2%
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	46,812	41.0%
Antipsychotic Medication on index date or year prior	24,136	21.2%
Mood Stabilizers on index date or year prior	15,397	13.5%
Cancer on index date or year prior	8,571	7.5%
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	78,312	68.7%
ADHD on Index Date or year prior	31,443	27.6%
Conduct or Adjustment Disorders or other related disorders on index date or	3,461	3.0%
year prior		
Narcolepsy on index date or year prior	477	0.4%
Binge-Eating Disorder on index date or year prior	380	0.3%
ADHD on Index Date or 30 days Prior	24,690	21.7%
Conduct or Adjustment Disorders or other related disorders on index date or	1,288	1.1%
30 days Prior		
Narcolepsy on index date or 30 days Prior	180	0.2%
Binge-Eating Disorder on index date or 30 days Prior	195	0.2%
Hypertension on index date or year prior	70,569	61.9%
Coronary artery disease on index date or year prior	30,611	26.8%
Cardiac arrhythmia on index date or year prior	30,183	26.5%
Cardiomyopathy on index date or year prior	5,460	4.8%
Cardiac structural abnormality on index date or year prior	1,303	1.1%
All other diseases of the circulatory system on index date or year prior	21,287	18.7%
Epilepsy or recurrent seizures on index date or year prior	6,446	5.7%
Other seizure or convulsions on index date or year prior	6,758	5.9%
Depression on index date or year prior	48,427	42.5%
Anxiety on index date or year prior	53,958	47.3%
Bipolar Disorder on index date or year prior	14,605	12.8%
Sleep Disorder on index date or year prior	44,318	38.9%
Psychotic Disorder on index date or year prior	9,877	8.7%
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	8,530	7.5%

cder\_mpl1p\_wp085 Page 103 of 390



Table 1t. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 18+ Years	
Health Characteristics	Number	Percent
Manic Episode on index date or year prior	616	0.5%
Autistic Disorder on index date or year prior	2,151	1.9%
Any Substance-Related Disorders on index date or year prior	45,108	39.6%
Opioid-Related Disorders on index date or year prior	11,481	10.1%
Stimulant-Related Disorders on index date or year prior	5,737	5.0%
Cocaine-Related Disorders on index date or year prior	2,869	2.5%
Other Stimulant-Related Disorders on index date or year prior	3,944	3.5%
Alcohol-Related Disorders on index date or year prior	9,000	7.9%
Cannabis-Related Disorders on index date or year prior	6,250	5.5%
Tobacco-Related Disorders on index date or year prior	35,865	31.4%
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	8,590	7.5%
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	1,119	1.0%
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	740	0.6%
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	225	0.2%
Intentional Poisoning by Broad Category on index date or year prior	1,953	1.7%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	82,168	72.1%
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	89,131	78.2%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior	2,156	1.9%
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior	881	0.8%
At least One Encounter in the Emergency Department in Year Prior	51,909	45.5%
At least One Encounter in the Inpatient Care Setting in Year Prior	37,222	32.6%
At least One Encounter in the Outpatient Care Setting in Year Prior	112,420	98.6%
Medical Product Use - Concurrent Use		
Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days	61,350	53.8%
Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days	25,058	22.0%
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Non-Stimulant medication for at least 7 consecutive days	15,310	13.4%
Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 consecutive days	23,057	20.2%
Concurrent ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days	16,242	14.2%
Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at least 7 consecutive days	25,212	22.1%
Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	18,801	16.5%

cder\_mpl1p\_wp085 Page 104 of 390



Table 1t. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Age 18+ Years	
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent
Amphetamine Single-entity Products Immediate Release	115	0.1%
Amphetamine Single-entity Products Extended Release Oral Solid	104	0.1%
Amphetamine Single-entity Products Extended Release Oral Liquid	14	0.0%
Dextroamphetamine Single-entity Products Immediate Release	659	0.6%
Dextroamphetamine Single-entity Products Extended Release	437	0.4%
Amphetamine/Dextroamphetamine Combination Products Immediate	11,975	10.5%
Release	,	
Amphetamine/Dextroamphetamine Combination Products Extended Release	9,460	8.3%
Lisdexamfetamine Extended Release	7,877	6.9%
Methamphetamine Single-entity Products Immediate Release	29	0.0%
Methylphenidate Single-entity Products Immediate Release	3,959	3.5%
Methylphenidate Single-entity Products Extended Release Oral Solid	4,611	4.0%
Methylphenidate Single-entity Products Extended Release Oral Liquid	13	0.0%
Methylphenidate Single-entity Products Extended Release Transdermal Patch	84	0.1%
Dexmethylphenidate Single-entity Products Immediate Release	665	0.6%
Dexmethylphenidate Single-entity Products Extended Release	894	0.8%
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	55	0.0%
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	15,488	13.6%
Release		
Any ADHD Stimulant API Extended Release	18,347	16.1%
Atomoexetine Immediate Release	46,090	40.4%
Guanfacine Extended Release	10,814	9.5%
Viloxazine Extended Release	122	0.1%
Clonidine Extended Release	59,831	52.5%
Any ADHD Non-Stimulant API Extended Release	70,423	61.8%
Codeine	35	0.0%
Fentanyl	1,928	1.7%
Hydrocodone	29,925	26.2%
Hydromorphone	2,733	2.4%
Morphine	4,091	3.6%
Oxycodone	23,762	20.8%
Oxymorphone	173	0.2%
Other C-II Opioid Analgesics	1,238	1.1%

cder\_mpl1p\_wp085 Page 105 of 390



Table 1t. Aggregated Characteristics of Initiators of Attention-Deficit/Hyperactivity Disorder (ADHD) Non-Stimulant Medication, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	ADHD Non-Stimulant Medication Patients of Ag 18+ Years	
Health Service Utilization Intensity Metrics	Mean	Standard Deviation
Mean number of ambulatory encounters	32.2	40.5
Mean number of emergency room encounters	1.3	3.2
Mean number of inpatient hospital encounters	0.7	1.5
Mean number of non-acute institutional encounters	0.3	0.9
Mean number of other ambulatory encounters	13.6	25.4
Mean number of filled prescriptions	51.4	43.7
Mean number of generics dispensed	13.9	7.7
Mean number of unique drug classes dispensed	12.4	6.4
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent
Diagnosis 1: I10 — Essential Primary Hypertension	51,023	44.7%
Diagnosis 2: E785 — Hyperlipidemia Unspecified	19,434	17.0%
Diagnosis 3: Z79899 — Other Long Term Current Drug Therapy	16,806	14.7%
Diagnosis 4: E119 — Type 2 Diabetes Mellitus Without Complications	15,595	13.7%
Diagnosis 5: F419 — Anxiety Disorder Unspecified	15,015	13.2%

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 106 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.



Table 1u. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

Database (SDD) from April 1, 2018 to March 31, 2020	Schedule II (C-II) Opioid Analgesics Patients of Age 18+ Years	
Patient Characteristics	Number	
Unique patients	2,811,609	
Healthcare Payor Status	Number	Percent
Commercial payor patients	1,091,320	38.8%
Medicare Members	1,720,289	61.2%
Demographic Characteristics	Mean	Standard Deviation
Age (years)	66.1	12.7
Age	Number	Percent
18-25 years	52,195	1.9%
26-29 years	31,480	1.1%
30-39 years	141,082	5.0%
40-49 years	212,449	7.6%
50-64 years	576,507	20.5%
≥ 65 years	1,797,896	63.9%
Sex		
Female	1,615,790	57.5%
Male	1,195,819	42.5%
Race <sup>1</sup>		
American Indian or Alaska Native	10,892	0.4%
Asian	27,321	1.0%
Black or African American	182,091	6.5%
Multi-racial	9,905	0.4%
Native Hawaiian or Other Pacific Islander	2,413	0.1%
Unknown	802,951	28.6%
White	1,776,036	63.2%
Hispanic origin		
Yes	39,726	1.4%
No	1,886,513	67.1%
Unknown	885,370	31.5%
Year Year		
2018	1,156,449	41.1%
2019	1,344,435	47.8%
2020	310,725	11.1%
Census Bureau Region <sup>2</sup>		
Invalid	12,053	0.4%
Midwest	717,866	25.5%
Northeast	333,268	11.9%
South	1,176,280	41.8%
	569,898	20.3%
West	985	0.0%
Missing		
Other	1,259	0.0%

cder\_mpl1p\_wp085 Page 107 of 390



Table 1u. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 18+ Years				
	Number/Mean	Percent/Standard			
Health Characteristics	·	Deviation <sup>3</sup>			
Combined comorbidity score <sup>4</sup>	2.9	3.5			
Combined comorbidity score categories					
<=0	871,482	31.0%			
1-2	799,932	28.5%			
3-4	417,133	14.8%			
5+	723,062	25.7%			
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication on	55,713	2.0%			
index date or year prior					
ADHD Non-Stimulant Medication on index date or year prior	11,886	0.4%			
Schedule II (C-II) Opioid Analgesic on Index Date or year prior	2,811,609	100.0%			
Medication for Opioid-Related Disorders on index date or year prior	8,690	0.3%			
Antidepressant Medication on index date or year prior	1,068,712	38.0%			
Anxiolytic or Sedative/Hypnotic Medications on index date or year prior	856,620	30.5%			
Antipsychotic Medication on index date or year prior	228,726	8.1%			
Mood Stabilizers on index date or year prior	111,259	4.0%			
Cancer on index date or year prior	448,608	16.0%			
Non-Cancer or Chronic Pain-Related Conditions on index date or year prior	2,447,252	87.0%			
ADHD on Index Date or year prior	44,018	1.6%			
Conduct or Adjustment Disorders or other related disorders on index date or	18,773	0.7%			
year prior					
Narcolepsy on index date or year prior	4,692	0.2%			
Binge-Eating Disorder on index date or year prior	1,997	0.1%			
ADHD on Index Date or 30 days Prior	17,637	0.6%			
Conduct or Adjustment Disorders or other related disorders on index date or	5,046	0.2%			
30 days Prior					
Narcolepsy on index date or 30 days Prior	1,638	0.1%			
Binge-Eating Disorder on index date or 30 days Prior	553	0.0%			
Hypertension on index date or year prior	1,979,391	70.4%			
Coronary artery disease on index date or year prior	818,466	29.1%			
Cardiac arrhythmia on index date or year prior	736,220	26.2%			
Cardiomyopathy on index date or year prior	149,159	5.3%			
Cardiac structural abnormality on index date or year prior	33,661	1.2%			
All other diseases of the circulatory system on index date or year prior	542,440	19.3%			
Epilepsy or recurrent seizures on index date or year prior	78,395	2.8%			
Other seizure or convulsions on index date or year prior	75,545	2.7%			
Depression on index date or year prior	729,256	25.9%			
Anxiety on index date or year prior	765,801	27.2%			
Bipolar Disorder on index date or year prior	90,744	3.2%			
Sleep Disorder on index date or year prior	1,025,004	36.5%			
Psychotic Disorder on index date or year prior	72,390	2.6%			
Post-Traumatic Stress Disorder (PTSD) on index date or year prior	51,615	1.8%			
Manic Episode on index date or year prior	2,971	0.1%			
Autistic Disorder on index date or year prior	2,875	0.1%			

cder\_mpl1p\_wp085 Page 108 of 390



Table 1u. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

Database (555) Holli April 1, 2010 to March 31, 2020	Schedule II (C-II) Opioid Analgesics Patients of Age 18+ Years				
Health Characteristics	Number	Percent			
Any Substance-Related Disorders on index date or year prior	1,067,799	38.0%			
Opioid-Related Disorders on index date or year prior	81,028	2.9%			
Stimulant-Related Disorders on index date or year prior	18,755	0.7%			
Cocaine-Related Disorders on index date or year prior	10,055	0.4%			
Other Stimulant-Related Disorders on index date or year prior	10,236	0.4%			
Alcohol-Related Disorders on index date or year prior	95,503	3.4%			
Cannabis-Related Disorders on index date or year prior	33,219	1.2%			
Tobacco-Related Disorders on index date or year prior	987,106	35.1%			
Nicotine Use Excluding Tobacco-Related Disorder on index date or year prior	171,059	6.1%			
Unintentional or Undetermined Poisoning by Broad Category on index date or year prior	4,918	0.2%			
Opioid Poisoning or Unintentional or Undetermined Intent on index date or year prior	2,967	0.1%			
Stimulant Poisoning or Unintentional or Undetermined Intent on index date or year prior	740	0.0%			
Intentional Poisoning by Broad Category on index date or year prior	24,481	0.9%			
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or year prior	2,761,752	98.2%			
No diagnosis of ADHD and no Narcolepsy and no Binge-Eating Disorder on index date or 30 days Prior	2,791,946	99.3%			
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or year prior	17,827	0.6%			
No diagnosis of ADHD/Narcolepsy/Binge-Eating AND a diagnosis of a conduct disorder on index date or 30 days Prior	4,910	0.2%			
At least One Encounter in the Emergency Department in Year Prior	1,175,797	41.8%			
At least One Encounter in the Inpatient Care Setting in Year Prior	1,071,819	38.1%			
At least One Encounter in the Outpatient Care Setting in Year Prior	2,793,843	99.4%			
Medical Product Use - Concurrent Use					
Concurrent antidepressants with C-II Opioid Analgesic for at least 7 consecutive days	972,802	34.6%			
Concurrent benzodiazepines with C-II Opioid Analgesic for at least 7 consecutive days	403,733	14.4%			
Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with C-II Opioid Analgesic for at least 7 consecutive days	202,420	7.2%			
Concurrent antipsychotics with C-II Opioid Analgesic for at least 7 consecutive days	196,600	7.0%			
Concurrent All Opioid Analgesic with ADHD stimulant medication for at least 7 consecutive days	45,394	1.6%			
Concurrent All Opioid Analgesic with ADHD Non-stimulant medication for at least 7 consecutive days	11,639	0.4%			
Concurrent ADHD Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	42,777	1.5%			
Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	10,280	0.4%			

cder\_mpl1p\_wp085 Page 109 of 390



Table 1u. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age				
	18+	Years			
Active Pharmaceutical Ingredients from Index until End of Patient's History	Number	Percent			
Amphetamine Single-entity Products Immediate Release	137	0.0%			
Amphetamine Single-entity Products Extended Release Oral Solid	158	0.0%			
Amphetamine Single-entity Products Extended Release Oral Liquid	12	0.0%			
Dextroamphetamine Single-entity Products Immediate Release	1,511	0.1%			
Dextroamphetamine Single-entity Products Extended Release	976	0.0%			
Amphetamine/Dextroamphetamine Combination Products Immediate	36,751	1.3%			
Release					
Amphetamine/Dextroamphetamine Combination Products Extended Release	20,306	0.7%			
Lisdexamfetamine Extended Release	14,510	0.5%			
Methamphetamine Single-entity Products Immediate Release	34	0.0%			
Methylphenidate Single-entity Products Immediate Release	16,840	0.6%			
Methylphenidate Single-entity Products Extended Release Oral Solid	6,749	0.2%			
Methylphenidate Single-entity Products Extended Release Oral Liquid	****	****			
Methylphenidate Single-entity Products Extended Release Transdermal Patch	49	0.0%			
Dexmethylphenidate Single-entity Products Immediate Release	923	0.0%			
Dexmethylphenidate Single-entity Products Extended Release	1,061	0.0%			
Dexmethylphenidate/Serdexmethylphenidate Immediate Release	75	0.0%			
Any ADHD Stimulant Active Pharmaceutical Ingredients (API) Immediate	52,679	1.9%			
Release					
Any ADHD Stimulant API Extended Release	37,391	1.3%			
Atomoexetine Immediate Release	7,114	0.3%			
Guanfacine Extended Release	1,504	0.1%			
Viloxazine Extended Release	109	0.0%			
Clonidine Extended Release	14,236	0.5%			
Any ADHD Non-Stimulant API Extended Release	15,792	0.6%			
Codeine	2,431	0.1%			
Fentanyl	68,050	2.4%			
Hydrocodone	1,900,880	67.6%			
Hydromorphone	118,851	4.2%			
Morphine	173,745	6.2%			
Oxycodone	1,479,161	52.6%			
Oxymorphone	743	0.0%			
Other C-II Opioid Analgesics	25,406	0.9%			

cder\_mpl1p\_wp085 Page 110 of 390



Table 1u. Aggregated Characteristics of Initiators of Schedule II (C-II) Opioid Analgesics, Age 18+ Years, in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Schedule II (C-II) Opioid Analgesics Patients of Age 18+ Years				
Health Service Utilization Intensity Metrics	Mean         Standard Deviation           26.8         27.0           0.9         2.0           0.6         1.0           0.2         0.6           9.5         19.1           39.4         35.2           12.1         6.4           10.8         5.4           Number         Percent           1,322,277         47.0%				
Mean number of ambulatory encounters	26.8	27.0			
Mean number of emergency room encounters	0.9	2.0			
Mean number of inpatient hospital encounters	0.6	1.0			
Mean number of non-acute institutional encounters	0.2	0.6			
Mean number of other ambulatory encounters	9.5	19.1			
Mean number of filled prescriptions	39.4	35.2			
Mean number of generics dispensed	12.1	6.4			
Mean number of unique drug classes dispensed	10.8	5.4			
Most Frequent Utilization in Month Prior (-30, 0)	Number	Percent			
Diagnosis 1: I10 — Essential Primary Hypertension	1,322,277	47.0%			
Diagnosis 2: E785 — Hyperlipidemia Unspecified	683,478	24.3%			
Diagnosis 3: Z01818 — Encounter For Other Preprocedural Examination	617,494	22.0%			
Diagnosis 4: Z79899 — Other Long Term Current Drug Therapy	583,794	20.8%			
Diagnosis 5: K219 — Gastroesophageal Reflux Disease Without Esophagitis	491,260	17.5%			

<sup>&</sup>lt;sup>1</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

cder\_mpl1p\_wp085 Page 111 of 390

<sup>&</sup>lt;sup>2</sup>Due to data partners' data privacy restrictions, any data smaller than 25 has not been included (i.e., is regarded as 0). As a result, the sum of the numbers across all states is slightly smaller than the total number of patients.

<sup>&</sup>lt;sup>3</sup>Value represents the standard deviation where no % follows the value.

<sup>&</sup>lt;sup>4</sup>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.

<sup>\*\*\*\*\*</sup>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. Categorical Summary of Initiators' Cumulative Treatment Episode Durations for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

				Number o	f Patients	by Cumulativ	e Treatme	nt Episode Du	uration		
		0-60 E	Days	61-120	Days	121-18	121-180 Days 181-240 Da			241-30	0 Days
	Total		Percent of		Percent of	1	Percent of	•	Percent of		Percent of
	Number	Number of	Total	Number of	Total	Number of	Total	Number of	Total	Number of	Total
	of Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant	438,369	153,431	35.0%	80,293	18.3%	53,371	12.2%	38,858	8.9%	28,583	6.5%
Medication Patients of Age 5+ Years											
ADHD Non-Stimulant Medication Patients of Age 5+ Years	154,553	70,053	45.3%	28,799	18.6%	15,640	10.1%	10,481	6.8%	7,722	5.0%
Schedule II (C-II) Opioid Analgesics Patients of Age 5+ Years	2,837,015	2,433,177	85.8%	185,462	6.5%	72,248	2.5%	43,020	1.5%	28,444	1.0%
ADHD Stimulant Medication Patients of Age 5-17 Years	122,767	38,344	31.2%	23,350	19.0%	16,515	13.5%	11,425	9.3%	8,585	7.0%
ADHD Non-Stimulant Medication Patients of Age 5-17 Years	40,524	15,443	38.1%	7,678	18.9%	4,692	11.6%	3,209	7.9%	2,429	6.0%
Schedule II (C-II) Opioid Analgesics Patients of Age 5-17 Years	25,437	25,311	99.5%	65	0.3%	27	0.1%	****	****	11	0.0%
ADHD Stimulant Medication Patients of Age 18-25 Years	74,479	28,335	38.0%	15,258	20.5%	9,467	12.7%	6,449	8.7%	4,401	5.9%
ADHD Non-Stimulant Medication Patients of Age 18-25 Years	13,896	7,810	56.2%	2,607	18.8%	1,232	8.9%	739	5.3%	465	3.3%
Schedule II (C-II) Opioid Analgesics Patients of Age 18-25 Years	52,195	50,931	97.6%	593	1.1%	241	0.5%	143	0.3%	91	0.2%
ADHD Stimulant Medication Patients of Age 26-44 Years	121,821	38,686	31.8%	21,919	18.0%	15,046	12.4%	11,534	9.5%	8,421	6.9%
ADHD Non-Stimulant Medication Patients of Age 26-44 Years	26,830	14,114	52.6%	4,951	18.5%	2,480	9.2%	1,532	5.7%	1,016	3.8%
Schedule II (C-II) Opioid Analgesics Patients of Age 26-44 Years	264,052	238,946	90.5%	9,857	3.7%	4,298	1.6%	2,841	1.1%	2,076	0.8%
ADHD Stimulant Medication Patients of Age 45-64 Years	74,136	26,390	35.6%	12,576	17.0%	8,247	11.1%	6,462	8.7%	4,869	6.6%
ADHD Non-Stimulant Medication Patients of Age 45-64 Years	28,259	13,539	47.9%	5,291	18.7%	2,715	9.6%	1,816	6.4%	1,385	4.9%



Table 2a. Categorical Summary of Initiators' Cumulative Treatment Episode Durations for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Number of Patients by Cumulative Treatment Episode Duration									
		0-60	Days	61-120	) Days	121-18	0 Days	181-240 Days		241-30	0 Days
	Total		Percent of		Percent of	f	Percent of		Percent of		Percent of
	Number	Number of	Total	Number of	Total	Number of	Total	Number of	Total	Number of	Total
	of Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients
Schedule II (C-II) Opioid Analgesics	697,851	587,412	84.2%	45,838	6.6%	19,398	2.8%	12,546	1.8%	8,427	1.2%
Patients of Age 45-64 Years											
ADHD Stimulant Medication Patients	45,378	22,896	50.5%	7,478	16.5%	4,157	9.2%	2,833	6.2%	2,061	4.5%
of Age 65+ Years											
ADHD Non-Stimulant Medication	45,078	19,295	42.8%	8,312	18.4%	4,521	10.0%	3,166	7.0%	2,397	5.3%
Patients of Age 65+ Years											
Schedule II (C-II) Opioid Analgesics	1,798,751	1,533,345	85.2%	128,698	7.2%	48,024	2.7%	27,294	1.5%	17,678	1.0%
Patients of Age 65+ Years											
ADHD Stimulant Medication Patients	315,709	115,654	36.6%	57,091	18.1%	36,889	11.7%	27,342	8.7%	19,857	6.3%
of Age 18+ Years											
ADHD Non-Stimulant Medication	114,040	54,675	47.9%	21,128	18.5%	10,947	9.6%	7,267	6.4%	5,274	4.6%
Patients of Age 18+ Years											
Schedule II (C-II) Opioid Analgesics	2,811,609	2,407,905	85.6%	185,393	6.6%	72,221	2.6%	43,009	1.5%	28,432	1.0%
Patients of Age 18+ Years											

cder\_mpl1p\_wp085 Page 113 of 390



Table 2a. Categorical Summary of Initiators' Cumulative Treatment Episode Durations for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

			Number of Pa	ve Treatment E	atment Episode Duration				
	301-3	60 Days	361-4	20 Days	421-4	180 Days	481	+ Days	
	Number of Patients	Percent of Total Patients	Number of Patients	Percent of Total Patients	Number of Patients	Percent of Total Patients	Number of Patients	Percent of Total Patients	
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication Patients of Age 5+ Years	22,826	5.2%	18,239	4.2%	13,990	3.2%	28,778	6.6%	
ADHD Non-Stimulant Medication Patients of Age 5+ Years	5,934	3.8%	4,942	3.2%	3,379	2.2%	7,603	4.9%	
Schedule II (C-II) Opioid Analgesics Patients of Age 5+ Years	20,948	0.7%	15,606	0.6%	11,984	0.4%	26,126	0.9%	
ADHD Stimulant Medication Patients of Age 5-17 Years	7,062	5.8%	5,767	4.7%	4,211	3.4%	7,508	6.1%	
ADHD Non-Stimulant Medication Patients of Age 5-17 Years	1,925	4.8%	1,562	3.9%	1,142	2.8%	2,444	6.0%	
Schedule II (C-II) Opioid Analgesics Patients of Age 5-17 Years	****	****	****	****	****	****	****	****	
ADHD Stimulant Medication Patients of Age 18-25 Years	3,223	4.3%	2,472	3.3%	1,819	2.4%	3,055	4.1%	
ADHD Non-Stimulant Medication Patients of Age 18-25 Years	338	2.4%	254	1.8%	148	1.1%	303	2.2%	
Schedule II (C-II) Opioid Analgesics Patients of Age 18-25 Years	57	0.1%	50	0.1%	29	0.1%	60	0.1%	
ADHD Stimulant Medication Patients of Age 26-44 Years	6,734	5.5%	5,413	4.4%	4,266	3.5%	9,802	8.0%	
ADHD Non-Stimulant Medication Patients of Age 26-44 Years	773	2.9%	672	2.5%	378	1.4%	914	3.4%	
Schedule II (C-II) Opioid Analgesics Patients of Age 26-44 Years	1,576	0.6%	1,188	0.4%	1,002	0.4%	2,268	0.9%	
ADHD Stimulant Medication Patients of Age 45-64 Years	4,022	5.4%	3,134	4.2%	2,513	3.4%	5,923	8.0%	
ADHD Non-Stimulant Medication Patients of Age 45-64 Years	1,031	3.6%	806	2.9%	535	1.9%	1,141	4.0%	



Table 2a. Categorical Summary of Initiators' Cumulative Treatment Episode Durations for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

			Number of Pa	atients by Cumulativ	e Treatment E	pisode Duration		
	301-3	60 Days	361-4	l20 Days	421-4	80 Days	481	+ Days
	Number of Patients	Percent of Total Patients	Number of Patients	Percent of Total Patients	Number of Patients	Percent of Total Patients	Number of Patients	Percent of Total Patients
Schedule II (C-II) Opioid Analgesics	6,594	0.9%	4,932	0.7%	3,873	0.6%	8,831	1.3%
Patients of Age 45-64 Years								
ADHD Stimulant Medication Patients	1,591	3.5%	1,223	2.7%	990	2.2%	2,149	4.7%
of Age 65+ Years								
ADHD Non-Stimulant Medication	1,845	4.1%	1,620	3.6%	1,159	2.6%	2,763	6.1%
Patients of Age 65+ Years								
Schedule II (C-II) Opioid Analgesics	12,588	0.7%	9,340	0.5%	6,979	0.4%	14,805	0.8%
Patients of Age 65+ Years								
ADHD Stimulant Medication Patients	15,685	5.0%	12,358	3.9%	9,706	3.1%	21,127	6.7%
of Age 18+ Years								
ADHD Non-Stimulant Medication	4,006	3.5%	3,367	3.0%	2,229	2.0%	5,147	4.5%
Patients of Age 18+ Years								
Schedule II (C-II) Opioid Analgesics	20,943	0.7%	15,601	0.6%	11,982	0.4%	26,123	0.9%
Patients of Age 18+ Years								

<sup>\*\*\*\*\*</sup>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.

cder\_mpl1p\_wp085 Page 115 of 390



Table 2b. Continuous Summary of Initiators' Cumulative Treatment Episode Durations for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

(300) ITOIII April 1, 2018 to March 31, 2020		Distribution of Cumulative Treatment Episode Duration, days								
	Total Number of Patients	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation		
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication Patients of Age 5+ Years	438,369	1	36	110	246	731	168.5	160.3		
ADHD Non-Stimulant Medication Patients of Age 5+ Years	154,553	1	30	77	188	731	138.0	149.3		
Schedule II (C-II) Opioid Analgesics Patients of Age 5+ Years	2,837,015	1	7	10	30	731	39.9	82.5		
ADHD Stimulant Medication Patients of Age 5-17 Years	122,767	1	54	120	256	730	174.2	156.5		
ADHD Non-Stimulant Medication Patients of Age 5-17 Years	40,524	1	30	92	229	730	158.7	157.4		
Schedule II (C-II) Opioid Analgesics Patients of Age 5-17 Years	25,437	1	7	7	7	586	9.1	13.8		
ADHD Stimulant Medication Patients of Age 18-25 Years	74,479	1	30	90	205	731	146.4	141.5		
ADHD Non-Stimulant Medication Patients of Age 18-25 Years	13,896	1	30	60	121	730	101.5	117.2		
Schedule II (C-II) Opioid Analgesics Patients of Age 18-25 Years	52,195	1	7	7	7	727	13.4	33.8		
ADHD Stimulant Medication Patients of Age 26-44 Years	121,821	1	49	121	269	731	181.9	167.9		
ADHD Non-Stimulant Medication Patients of Age 26-44 Years	26,830	1	30	60	149	731	115.5	132.8		
Schedule II (C-II) Opioid Analgesics Patients of Age 26-44 Years	264,052	1	7	7	15	730	30.8	77.3		
ADHD Stimulant Medication Patients of Age 45-64 Years	74,136	1	30	112	262	731	176.2	169.7		



Table 2b. Continuous Summary of Initiators' Cumulative Treatment Episode Durations for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Distribution of Cumulative Treatment Episode Duration, days						
	Total Number of Patients	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
ADHD Non-Stimulant Medication Patients of Age 45-64 Years	28,259	1	30	67	174	730	128.6	141.7
Schedule II (C-II) Opioid Analgesics Patients of Age 45-64 Years	697,851	1	7	9	31	731	44.5	93.0
ADHD Stimulant Medication Patients of Age 65+ Years	45,378	1	30	60	174	730	129.6	147.9
ADHD Non-Stimulant Medication Patients of Age 65+ Years	45,078	1	28	84	210	730	148.8	159.2
Schedule II (C-II) Opioid Analgesics Patients of Age 65+ Years	1,798,751	1	7	13	33	731	40.4	79.7
ADHD Stimulant Medication Patients of Age 18+ Years	315,709	1	30	103	240	731	165.5	161.4
ADHD Non-Stimulant Medication Patients of Age 18+ Years	114,040	1	30	67	175	731	130.5	145.5
Schedule II (C-II) Opioid Analgesics Patients of Age 18+ Years	2,811,609	1	7	10	30	731	40.2	82.8

cder\_mpl1p\_wp085 Page 117 of 390



Table 3a. Categorical Summary of All Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

O-60 Days 61-120 Days 121-180 Days 181-240 Days  Percent of Percent of Percent of Percent of Total Number of T	
Total Number Number of Total Number of Total Number of Total	
	_
of Episodes Episodes Episodes Episodes Episodes Episodes Episodes Episodes	
Attention-Deficit/Hyperactivity 652,930 327,291 50.1% 137,091 21.0% 63,340 9.7% 39,943 6.1%	•
Disorder (ADHD) Stimulant Medication	
Patients of Age 5+ Years	
ADHD Non-Stimulant Medication         182,808         92,324         50.5%         36,655         20.1%         17,189         9.4%         10,747         5.9%	•
Patients of Age 5+ Years	
Schedule II (C-II) Opioid Analgesics         3,600,377         3,219,222         89.4%         195,883         5.4%         66,516         1.8%         37,267         1.0%	•
Patients of Age 5+ Years	
ADHD Stimulant Medication Patients 190,530 89,121 46.8% 45,079 23.7% 21,264 11.2% 12,698 6.7%	•
of Age 5-17 Years	
ADHD Non-Stimulant Medication         49,562         22,528         45.5%         10,157         20.5%         5,226         10.5%         3,418         6.9%	)
Patients of Age 5-17 Years	
Schedule II (C-II) Opioid Analgesics         26,165         26,043         99.5%         73         0.3%         23         0.1%         *****	*
Patients of Age 5-17 Years	
ADHD Stimulant Medication Patients 112,422 60,959 54.2% 24,425 21.7% 10,233 9.1% 6,040 5.4%	•
of Age 18-25 Years	
ADHD Non-Stimulant Medication 15,998 9,655 60.4% 3,101 19.4% 1,249 7.8% 708 4.4%	
Patients of Age 18-25 Years	
Schedule II (C-II) Opioid Analgesics 55,358 54,136 97.8% 636 1.1% 224 0.4% 127 0.2%	
Patients of Age 18-25 Years	,
ADHD Stimulant Medication Patients 173,352 81,170 46.8% 34,698 20.0% 17,068 9.8% 11,645 6.7%	
ADAD Stimulant Medication Patients 175,552 61,170 46.8% 54,696 20.0% 17,066 9.6% 11,645 6.7% of Age 26-44 Years	)
ADHD Non-Stimulant Medication       31,065       17,712       57.0%       5,917       19.0%       2,661       8.6%       1,508       4.9%	)
Patients of Age 26-44 Years	
Schedule II (C-II) Opioid Analgesics         305,451         280,665         91.9%         10,839         3.5%         4,312         1.4%         2,684         0.9%	•
Patients of Age 26-44 Years	
ADHD Stimulant Medication Patients 106,572 53,151 49.9% 20,298 19.0% 9,655 9.1% 6,610 6.2%	•
of Age 45-64 Years	

cder\_mpl1p\_wp085 Page 118 of 390



Table 3a. Categorical Summary of All Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Number of Treatment Episodes by Duration									
		0-60	Days	61-120	Days	121-18	0 Days	181-24	0 Days		
			Percent of		Percent of		Percent of		Percent of		
	<b>Total Number</b>	Number of	Total	Number of	Total	Number of	Total	Number of	Total		
	of Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes		
ADHD Non-Stimulant Medication	33,345	17,591	52.8%	6,767	20.3%	2,925	8.8%	1,801	5.4%		
Patients of Age 45-64 Years											
Schedule II (C-II) Opioid Analgesics	879,681	772,358	87.8%	49,948	5.7%	18,738	2.1%	11,377	1.3%		
Patients of Age 45-64 Years											
ADHD Stimulant Medication Patients	63,073	38,396	60.9%	11,041	17.5%	4,672	7.4%	2,693	4.3%		
of Age 65+ Years											
ADHD Non-Stimulant Medication	52,190	24,488	46.9%	10,540	20.2%	5,067	9.7%	3,277	6.3%		
Patients of Age 65+ Years											
Schedule II (C-II) Opioid Analgesics	2,325,422	2,079,240	89.4%	133,582	5.7%	42,923	1.8%	22,880	1.0%		
Patients of Age 65+ Years											
ADHD Stimulant Medication Patients	459,003	235,886	51.4%	91,285	19.9%	41,878	9.1%	27,124	5.9%		
of Age 18+ Years											
ADHD Non-Stimulant Medication	132,981	69,636	52.4%	26,442	19.9%	11,941	9.0%	7,313	5.5%		
Patients of Age 18+ Years											
Schedule II (C-II) Opioid Analgesics	3,574,125	3,193,097	89.3%	195,807	5.5%	66,493	1.9%	37,258	1.0%		
Patients of Age 18+ Years											



Table 3a. Categorical Summary of All Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Number of Treatment Episodes by Duration									
	241-30	0 Days	301-36	0 Days	361-42	0 Days	421-48	0 Days	481+	Days	
		Percent of		Percent of		Percent of		Percent of		Percent of	
	Number of	Total	Number of	Total	Number of	Total	Number of	Total	Number of	Total	
	Episodes	Episodes	Patients	Patients	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	
Attention-Deficit/Hyperactivity	23,847	3.7%	17,033	2.6%	13,176	2.0%	9,726	1.5%	21,483	3.3%	
Disorder (ADHD) Stimulant Medication											
Patients of Age 5+ Years											
ADHD Non-Stimulant Medication	7,186	3.9%	5,224	2.9%	4,303	2.4%	2,845	1.6%	6,335	3.5%	
Patients of Age 5+ Years											
Schedule II (C-II) Opioid Analgesics	23,503	0.7%	16,749	0.5%	12,092	0.3%	8,830	0.2%	20,315	0.6%	
Patients of Age 5+ Years	6.460	2.40/	4.202	2 20/	2.550	4.00/	2.502	4.40/	F 255	2.00/	
ADHD Stimulant Medication Patients	6,469	3.4%	4,392	2.3%	3,559	1.9%	2,593	1.4%	5,355	2.8%	
of Age 5-17 Years	2.246	4 50/	1.050	2.20/	1 264	2.00/	010	1.00/	2.046	4.40/	
ADHD Non-Stimulant Medication Patients of Age 5-17 Years	2,246	4.5%	1,658	3.3%	1,364	2.8%	919	1.9%	2,046	4.1%	
	****	****	****	****	****	****	****	****	****	****	
Schedule II (C-II) Opioid Analgesics Patients of Age 5-17 Years	4. 4. 4. 4. 4.	4.4.4.4.4.	4. 4. 4. 4.	4. 4. 4. 4. 4.	40 40 40 40 40	4 4 4 4	4.4.4.4.4	4. 4. 4. 4.	4.4.4.4.4	4.4.4.4.4	
, ,	2.467	2.40/	2 200	2.00/	4 622	4.50/	4 402	4.40/	2.475	4.00/	
ADHD Stimulant Medication Patients	3,467	3.1%	2,298	2.0%	1,632	1.5%	1,193	1.1%	2,175	1.9%	
of Age 18-25 Years											
ADHD Non-Stimulant Medication	408	2.6%	292	1.8%	196	1.2%	127	0.8%	262	1.6%	
Patients of Age 18-25 Years											
Schedule II (C-II) Opioid Analgesics	75	0.1%	47	0.1%	40	0.1%	24	0.0%	49	0.1%	
Patients of Age 18-25 Years											
ADHD Stimulant Medication Patients	7,584	4.4%	5,652	3.3%	4,414	2.5%	3,324	1.9%	7,797	4.5%	
of Age 26-44 Years											
ADHD Non-Stimulant Medication	943	3.0%	652	2.1%	580	1.9%	343	1.1%	749	2.4%	
Patients of Age 26-44 Years											
Schedule II (C-II) Opioid Analgesics	1,852	0.6%	1,400	0.5%	1,001	0.3%	790	0.3%	1,908	0.6%	
Patients of Age 26-44 Years											
ADHD Stimulant Medication Patients	4,448	4.2%	3,383	3.2%	2,585	2.4%	1,874	1.8%	4,568	4.3%	
of Age 45-64 Years	, -	• •	-,		,		,-		,		



Table 3a. Categorical Summary of All Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Number of Treatment Episodes by Duration										
	241-30	0 Days	301-30	60 Days	361-42	0 Days	421-48	0 Days	481+	Days		
		Percent of		Percent of		Percent of		Percent of		Percent of		
	Number of	Total	Number of	Total	Number of	Total	Number of	Total	Number of	Total		
	Episodes	Episodes	Patients	Patients	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes		
ADHD Non-Stimulant Medication	1,263	3.8%	928	2.8%	681	2.0%	434	1.3%	955	2.9%		
Patients of Age 45-64 Years												
Schedule II (C-II) Opioid Analgesics	7,424	0.8%	5,498	0.6%	4,025	0.5%	3,107	0.4%	7,206	0.8%		
Patients of Age 45-64 Years												
ADHD Stimulant Medication Patients	1,779	2.8%	1,245	2.0%	953	1.5%	718	1.1%	1,576	2.5%		
of Age 65+ Years												
ADHD Non-Stimulant Medication	2,312	4.4%	1,689	3.2%	1,474	2.8%	1,022	2.0%	2,321	4.4%		
Patients of Age 65+ Years												
Schedule II (C-II) Opioid Analgesics	14,049	0.6%	9,745	0.4%	6,994	0.3%	4,881	0.2%	11,128	0.5%		
Patients of Age 65+ Years												
ADHD Stimulant Medication Patients	17,341	3.8%	12,625	2.8%	9,612	2.1%	7,126	1.6%	16,126	3.5%		
of Age 18+ Years												
ADHD Non-Stimulant Medication	4,933	3.7%	3,566	2.7%	2,936	2.2%	1,926	1.4%	4,288	3.2%		
Patients of Age 18+ Years												
Schedule II (C-II) Opioid Analgesics	23,494	0.7%	16,745	0.5%	12,090	0.3%	8,827	0.2%	20,314	0.6%		
Patients of Age 18+ Years												

<sup>\*\*\*\*\*</sup>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.

cder\_mpl1p\_wp085 Page 121 of 390



Table 3b. Continuous Summary of All Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Distribution of Treatment Episode Durations, days									
	<b>Total Number</b>							Standard			
	of Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Deviation			
Attention-Deficit/Hyperactivity Disorder	652,930	1	30	60	141	731	113.1	130.8			
(ADHD) Stimulant Medication Patients of											
Age 5+ Years											
ADHD Non-Stimulant Medication Patients of	182,808	1	30	60	149	731	116.7	134.2			
Age 5+ Years											
Schedule II (C-II) Opioid Analgesics Patients	3,600,377	1	7	10	30	731	31.4	67.1			
of Age 5+ Years											
ADHD Stimulant Medication Patients of Age	190,530	1	30	66	140	730	112.3	123.2			
5-17 Years											
ADHD Non-Stimulant Medication Patients of	49,562	1	30	70	173	730	129.7	141.4			
Age 5-17 Years											
Schedule II (C-II) Opioid Analgesics Patients	26,165	1	7	7	7	586	8.8	12.1			
of Age 5-17 Years											
ADHD Stimulant Medication Patients of Age	112,422	1	30	58	119	731	97.0	112.0			
18-25 Years											
ADHD Non-Stimulant Medication Patients of	15,998	1	30	43	99	730	88.2	105.0			
Age 18-25 Years											
Schedule II (C-II) Opioid Analgesics Patients	55,358	1	7	7	7	727	12.7	30.4			
of Age 18-25 Years											
ADHD Stimulant Medication Patients of Age	173,352	1	30	66	168	731	127.8	144.5			
26-44 Years											
ADHD Non-Stimulant Medication Patients of	31,065	1	30	56	120	731	99.7	119.5			
Age 26-44 Years			_	_							
Schedule II (C-II) Opioid Analgesics Patients	305,451	1	7	7	14	730	26.6	67.5			
of Age 26-44 Years	100 570		20	6.4	456	704	422.5	440.0			
ADHD Stimulant Medication Patients of Age	106,572	1	30	61	156	731	122.6	143.3			
45-64 Years	22.245		20		400	700	400.0	105.0			
ADHD Non-Stimulant Medication Patients of	33,345	1	30	60	133	730	109.0	126.8			
Age 45-64 Years	070.604	4	7	0	20	724	25.2	77.6			
Schedule II (C-II) Opioid Analgesics Patients	879,681	1	7	8	30	731	35.3	77.6			
of Age 45-64 Years											



Table 3b. Continuous Summary of All Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Distribution of Treatment Episode Durations, days									
	<b>Total Number</b>							Standard			
	of Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Deviation			
ADHD Stimulant Medication Patients of Age	63,073	1	30	30	101	730	93.2	119.5			
65+ Years											
ADHD Non-Stimulant Medication Patients of	52,190	1	28	71	169	730	128.6	145.3			
Age 65+ Years											
Schedule II (C-II) Opioid Analgesics Patients	2,325,422	1	7	10	30	731	31.3	63.5			
of Age 65+ Years											
ADHD Stimulant Medication Patients of Age	459,003	1	30	60	141	731	113.8	134.1			
18+ Years											
ADHD Non-Stimulant Medication Patients of	132,981	1	30	60	140	731	111.9	131.2			
Age 18+ Years											
Schedule II (C-II) Opioid Analgesics Patients	3,574,125	1	7	10	30	731	31.6	67.3			
of Age 18+ Years											

cder\_mpl1p\_wp085 Page 123 of 390



Table 4a. Categorical Summary of First Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Number of Patients by First Treatment Episode Duration									
		0-60 [	Days	61-120	Days	121-18	0 Days	181-24	0 Days	241-30	0 Days
	Total		Percent of		Percent of		Percent of		Percent of		Percent of
	Number	Number of	Total	Number of	Total	Number of	Total	Number of	Total	Number of	Total
	of Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication Patients of Age 5+ Years	438,369	199,347	45.5%	88,647	20.2%	46,386	10.6%	29,731	6.8%	19,165	4.4%
ADHD Non-Stimulant Medication Patients of Age 5+ Years	154,553	77,596	50.2%	29,757	19.3%	14,447	9.3%	9,120	5.9%	6,287	4.1%
Schedule II (C-II) Opioid Analgesics Patients of Age 5+ Years	2,837,015	2,580,527	91.0%	129,454	4.6%	42,821	1.5%	24,348	0.9%	15,691	0.6%
ADHD Stimulant Medication Patients of Age 5-17 Years	122,767	52,211	42.5%	27,975	22.8%	14,785	12.0%	8,392	6.8%	5,074	4.1%
ADHD Non-Stimulant Medication Patients of Age 5-17 Years	40,524	17,884	44.1%	8,005	19.8%	4,335	10.7%	2,800	6.9%	1,958	4.8%
Schedule II (C-II) Opioid Analgesics Patients of Age 5-17 Years	25,437	25,350	99.7%	57	0.2%	15	0.1%	****	****	****	****
ADHD Stimulant Medication Patients of Age 18-25 Years	74,479	36,870	49.5%	16,219	21.8%	7,634	10.2%	4,557	6.1%	2,753	3.7%
ADHD Non-Stimulant Medication Patients of Age 18- 25 Years	13,896	8,414	60.5%	2,608	18.8%	1,069	7.7%	624	4.5%	370	2.7%
Schedule II (C-II) Opioid Analgesics Patients of Age 18- 25 Years	52,195	51,345	98.4%	438	0.8%	159	0.3%	89	0.2%	50	0.1%



Table 4a. Categorical Summary of First Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

		Number of Patients by First Treatment Episode Duration									
		0-60 [	Days	61-120	) Days	121-18	0 Days	181-24	0 Days	241-30	0 Days
	Total		Percent of		Percent of		Percent of	1	Percent of		Percent of
	Number	Number of	Total	Number of	Total	Number of	Total	Number of	Total	Number of	Total
	of Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients
ADHD Stimulant Medication	121,821	49,917	41.0%	23,536	19.3%	13,355	11.0%	9,481	7.8%	6,315	5.2%
Patients of Age 26-44 Years											
ADHD Non-Stimulant	26,830	15,281	57.0%	4,944	18.4%	2,292	8.5%	1,311	4.9%	825	3.1%
Medication Patients of Age 26-											
44 Years											
Schedule II (C-II) Opioid	264,052	246,462	93.3%	7,410	2.8%	2,930	1.1%	1,873	0.7%	1,306	0.5%
Analgesics Patients of Age 26-											
44 Years											
ADHD Stimulant Medication	74,136	33,403	45.1%	13,449	18.1%	7,199	9.7%	5,233	7.1%	3,634	4.9%
Patients of Age 45-64 Years											
ADHD Non-Stimulant	28,259	14,875	52.6%	5,509	19.5%	2,450	8.7%	1,560	5.5%	1,101	3.9%
Medication Patients of Age 45-											
64 Years											
Schedule II (C-II) Opioid	697,851	623,315	89.3%	33,555	4.8%	12,467	1.8%	7,750	1.1%	5,143	0.7%
Analgesics Patients of Age 45-											
64 Years											
ADHD Stimulant Medication	45,378	27,108	59.7%	7,501	16.5%	3,426	7.5%	2,070	4.6%	1,390	3.1%
Patients of Age 65+ Years											
ADHD Non-Stimulant	45,078	21,164	46.9%	8,702	19.3%	4,302	9.5%	2,825	6.3%	2,033	4.5%
Medication Patients of Age 65+											
Years											

cder\_mpl1p\_wp085 Page 125 of 390



Table 4a. Categorical Summary of First Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

			Number of Patients by First Treatment Episode Duration								
		0-60	Days	61-120	) Days	121-18	0 Days	181-24	0 Days	241-30	0 Days
	Total		Percent of	1	Percent of		Percent of		Percent of	1	Percent of
	Number	Number of	Total	Number of	Total	Number of	Total	Number of	Total	Number of	Total
	of Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients
Schedule II (C-II) Opioid	1,798,751	1,635,223	90.9%	88,065	4.9%	27,270	1.5%	14,640	0.8%	9,191	0.5%
Analgesics Patients of Age 65+											
Years											
ADHD Stimulant Medication	315,709	147,222	46.6%	60,690	19.2%	31,604	10.0%	21,339	6.8%	14,091	4.5%
Patients of Age 18+ Years											
ADHD Non-Stimulant	114,040	59,719	52.4%	21,756	19.1%	10,112	8.9%	6,320	5.5%	4,329	3.8%
Medication Patients of Age 18+											
Years											
Schedule II (C-II) Opioid	2,811,609	2,555,208	90.9%	129,397	4.6%	42,806	1.5%	24,345	0.9%	15,685	0.6%
Analgesics Patients of Age 18+											
Years											



Table 4a. Categorical Summary of First Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Number of Patients by First Treatment Episode Duration									
	301-36	0 Days	361-420	) Days	421-48	0 Days	481+	Days		
		Percent of		Percent of		Percent of		Percent of		
	Number of	Total	Number of	Total	Number of	Total	Number of	Total		
	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients		
Attention-Deficit/Hyperactivity Disorder (ADHD) Stimulant Medication Patients of Age 5+ Years	14,474	3.3%	11,521	2.6%	8,678	2.0%	20,420	4.7%		
ADHD Non-Stimulant Medication Patients of Age 5+ Years	4,690	3.0%	3,950	2.6%	2,605	1.7%	6,101	3.9%		
Schedule II (C-II) Opioid Analgesics Patients of Age 5+ Years	11,566	0.4%	8,548	0.3%	6,652	0.2%	17,408	0.6%		
ADHD Stimulant Medication Patients of Age 5-17 Years	3,774	3.1%	3,167	2.6%	2,340	1.9%	5,049	4.1%		
ADHD Non-Stimulant Medication Patients of Age 5-17 Years	1,487	3.7%	1,248	3.1%	846	2.1%	1,961	4.8%		
Schedule II (C-II) Opioid Analgesics Patients of Age 5-17 Years	****	****	0	0.0%	****	****	****	****		
ADHD Stimulant Medication Patients of Age 18-25 Years	1,897	2.5%	1,420	1.9%	1,070	1.4%	2,059	2.8%		
ADHD Non-Stimulant Medication Patients of Age 18-25 Years	267	1.9%	187	1.3%	110	0.8%	247	1.8%		
Schedule II (C-II) Opioid Analgesics Patients of Age 18-25 Years	31	0.1%	30	0.1%	16	0.0%	37	0.1%		



Table 4a. Categorical Summary of First Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Number of Patients by First Treatment Episode Duration									
	301-36	0 Days	361-420	0 Days	421-480	) Days	481+	Days		
		Percent of		Percent of		Percent of		Percent of		
	Number of	Total	Number of	Total	Number of	Total	Number of	Total		
	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients		
ADHD Stimulant Medication Patients of Age 26-44 Years	4,894	4.0%	3,878	3.2%	2,966	2.4%	7,479	6.1%		
ADHD Non-Stimulant Medication Patients of Age 26-44 Years	592	2.2%	546	2.0%	316	1.2%	723	2.7%		
Schedule II (C-II) Opioid Analgesics Patients of Age 26-44 Years	1,028	0.4%	740	0.3%	624	0.2%	1,679	0.6%		
ADHD Stimulant Medication Patients of Age 45-64 Years	2,897	3.9%	2,269	3.1%	1,685	2.3%	4,367	5.9%		
ADHD Non-Stimulant Medication Patients of Age 45-64 Years	835	3.0%	617	2.2%	399	1.4%	913	3.2%		
Schedule II (C-II) Opioid Analgesics Patients of Age 45-64 Years	3,971	0.6%	2,975	0.4%	2,425	0.3%	6,250	0.9%		
ADHD Stimulant Medication Patients of Age 65+ Years	1,013	2.2%	787	1.7%	617	1.4%	1,466	3.2%		
ADHD Non-Stimulant Medication Patients of Age 65+ Years	1,509	3.3%	1,352	3.0%	934	2.1%	2,257	5.0%		

cder\_mpl1p\_wp085 Page 128 of 390



Table 4a. Categorical Summary of First Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Number of Patients by First Treatment Episode Duration									
	301-36	0 Days	361-42	0 Days	421-48	0 Days	481+	Days		
		Percent of		Percent of		Percent of		Percent of		
	Number of	Total	Number of	Total	Number of	Total	Number of	Total		
	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients		
Schedule II (C-II) Opioid Analgesics Patients of Age 65+ Years	6,532	0.4%	4,803	0.3%	3,586	0.2%	9,441	0.5%		
ADHD Stimulant Medication Patients of Age 18+ Years	10,700	3.4%	8,354	2.6%	6,338	2.0%	15,371	4.9%		
ADHD Non-Stimulant Medication Patients of Age 18+ Years	3,203	2.8%	2,702	2.4%	1,759	1.5%	4,140	3.6%		
Schedule II (C-II) Opioid Analgesics Patients of Age 18+ Years	11,562	0.4%	8,548	0.3%	6,651	0.2%	17,407	0.6%		

<sup>\*\*\*\*\*</sup>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.

cder\_mpl1p\_wp085 Page 129 of 390



Table 4b. Continuous Summary of First Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

,		Distribution of First Treatment Episode Duration, days									
	<b>Total Number</b>							Standard			
	of Patients	Minimum	Q1	Median	Q3	Maximum	Mean	Deviation			
Attention-Deficit/Hyperactivity Disorder	438,369	1	30	70	172	731	131.0	145.6			
(ADHD) Stimulant Medication Patients of											
Age 5+ Years											
ADHD Non-Stimulant Medication Patients of	154,553	1	30	60	154	731	121.2	139.7			
Age 5+ Years											
Schedule II (C-II) Opioid Analgesics Patients	2,837,015	1	7	8	23	731	29.0	66.5			
of Age 5+ Years											
ADHD Stimulant Medication Patients of Age	122,767	1	30	75	166	730	129.8	138.8			
5-17 Years											
ADHD Non-Stimulant Medication Patients of	40,524	1	30	75	183	730	137.6	148.4			
Age 5-17 Years			_	_	_						
Schedule II (C-II) Opioid Analgesics Patients	25,437	1	7	7	7	586	8.6	9.8			
of Age 5-17 Years	74.470		2.0	64	400	704	444.0	1010			
ADHD Stimulant Medication Patients of Age	74,479	1	30	61	139	731	111.0	124.8			
18-25 Years	12.006	4	20	42	400	720	20.7	407.0			
ADHD Non-Stimulant Medication Patients of	13,896	1	30	43	102	730	89.7	107.8			
Age 18-25 Years Schedule II (C-II) Opioid Analgesics Patients	52,195	1	7	7	7	727	11.6	26.7			
of Age 18-25 Years	52,195	7	,	,	,	121	11.0	20.7			
ADHD Stimulant Medication Patients of Age	121,821	1	30	84	208	731	148.9	158.0			
26-44 Years	121,021	1	30	04	200	731	148.9	136.0			
ADHD Non-Stimulant Medication Patients of	26,830	1	30	57	120	731	102.6	123.6			
Age 26-44 Years	20,000	-	30	3,	120	731	102.0	123.0			
Schedule II (C-II) Opioid Analgesics Patients	264,052	1	7	7	10	730	24.1	65.4			
of Age 26-44 Years	_0 .,00_	_	·	•	0	700		33			
ADHD Stimulant Medication Patients of Age	74,136	1	30	72	196	731	142.2	158.0			
45-64 Years	,										
ADHD Non-Stimulant Medication Patients of	28,259	1	30	60	140	730	112.6	131.5			
Age 45-64 Years	•										
Schedule II (C-II) Opioid Analgesics Patients	697,851	1	7	7	23	731	33.1	77.8			
of Age 45-64 Years											



Table 4b. Continuous Summary of First Treatment Episodes for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

	Distribution of First Treatment Episode Duration, days								
	<b>Total Number</b>							Standard	
	of Patients	Minimum	Q1	Median	Q3	Maximum	Mean	Deviation	
ADHD Stimulant Medication Patients of Age	45,378	1	30	30	115	730	100.8	129.9	
65+ Years									
ADHD Non-Stimulant Medication Patients of	45,078	1	28	72	176	730	132.7	150.4	
Age 65+ Years									
Schedule II (C-II) Opioid Analgesics Patients	1,798,751	1	7	10	28	731	29.0	62.8	
of Age 65+ Years									
ADHD Stimulant Medication Patients of Age	315,709	1	30	67	175	731	131.5	148.2	
18+ Years									
ADHD Non-Stimulant Medication Patients of	114,040	1	30	60	145	731	115.4	135.9	
Age 18+ Years									
Schedule II (C-II) Opioid Analgesics Patients	2,811,609	1	7	8	24	731	29.2	66.7	
of Age 18+ Years									

cder\_mpl1p\_wp085 Page 131 of 390



Table 5. Continuous Summary of All Treatment Episode Gaps for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

			Dis	stribution of Treat	ment Episode	Gap Durations, d	ays	
	<b>Total Number</b>							Standard
	of Gaps	Minimum	Q1	Median	Q3	Maximum	Mean	Deviation
Attention-Deficit/Hyperactivity Disorder	214,561	31	40	57	95	697	84.6	75.6
(ADHD) Stimulant Medication Patients of								
Age 5+ Years								
ADHD Non-Stimulant Medication Patients of	28,255	31	41	61	106	678	92.5	84.7
Age 5+ Years								
Schedule II (C-II) Opioid Analgesics Patients	763,362	31	48	82	171	719	130.8	119.2
of Age 5+ Years								
ADHD Stimulant Medication Patients of Age	67,763	31	39	56	89	689	78.7	67.8
5-17 Years								
ADHD Non-Stimulant Medication Patients of	9,038	31	41	61	106	665	94.0	87.4
Age 5-17 Years	700	0.4	60	400	225	650	467.4	400.6
Schedule II (C-II) Opioid Analgesics Patients	728	31	68	123	236	653	167.1	129.6
of Age 5-17 Years	27.042	24	44	50	100	663	06.5	74.7
ADHD Stimulant Medication Patients of Age	37,943	31	41	59	100	663	86.5	74.7
18-25 Years	2 102	31	41	62	109	610	92.9	83.2
ADHD Non-Stimulant Medication Patients of Age 18-25 Years	2,102	31	41	62	109	910	92.9	83.2
Schedule II (C-II) Opioid Analgesics Patients	3,163	31	54	105	211	664	152.6	128.5
of Age 18-25 Years	3,103	31	34	103	211	004	132.0	128.5
ADHD Stimulant Medication Patients of Age	51,531	31	40	56	94	688	84.4	76.6
26-44 Years	31,331	31	40	30	34	000	04.4	70.0
ADHD Non-Stimulant Medication Patients of	4,235	31	41	62	115	641	95.7	86.1
Age 26-44 Years	.,	<b>0</b> -		<b>0</b> -		0	33.7	33.2
Schedule II (C-II) Opioid Analgesics Patients	41,399	31	49	86	175	716	133.3	118.9
of Age 26-44 Years	,							
ADHD Stimulant Medication Patients of Age	32,436	31	40	57	96	697	86.1	78.5
45-64 Years	•							
ADHD Non-Stimulant Medication Patients of	5,086	31	42	62	107	678	92.7	82.3
Age 45-64 Years								
Schedule II (C-II) Opioid Analgesics Patients	181,830	31	48	82	167	719	128.5	116.2
of Age 45-64 Years								



Table 5. Continuous Summary of All Treatment Episode Gaps for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020

			Dis	stribution of Treat	ment Episode	Gap Durations, d	ays	
	<b>Total Number</b>							Standard
	of Gaps	Minimum	Q1	Median	Q3	Maximum	Mean	Deviation
ADHD Stimulant Medication Patients of Age 65+ Years	17,695	31	40	60	106	665	92.5	85.1
ADHD Non-Stimulant Medication Patients of Age 65+ Years	7,112	31	40	57	97	638	86.1	78.6
Schedule II (C-II) Opioid Analgesics Patients of Age 65+ Years	526,671	31	47	81	170	719	130.4	119.3
ADHD Stimulant Medication Patients of Age 18+ Years	143,294	31	40	58	98	697	86.9	78.4
ADHD Non-Stimulant Medication Patients of Age 18+ Years	18,941	31	41	60	106	678	91.5	83.0
Schedule II (C-II) Opioid Analgesics Patients of Age 18+ Years	762,516	31	48	82	171	719	130.8	119.1

cder\_mpl1p\_wp085 Page 133 of 390



Table 6. Summary of Reasons First Treatment Episodes Ended for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 20201

							g Reason				
		End of E	•	Evidence		Disenro		End of		End of Stu	dy Period <sup>6</sup>
	Total		Percent of		Percent of		Percent of		Percent of		Percent of
	Number of		Total	Number of	Total						
	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients
Attention-Deficit/Hyperactivity	438,369	324,274	74.0%	1,590	0.4%	37,094	8.5%	0	0.0%	114,680	26.2%
Disorder (ADHD) Stimulant											
Medication Patients of Age 5+ Years											
ADHD Non-Stimulant Medication	154,553	115,447	74.7%	3,308	2.1%	9,124	5.9%	0	0.0%	36,549	23.6%
Patients of Age 5+ Years											
Schedule II (C-II) Opioid Analgesics	2,837,015	2,653,336	93.5%	64,819	2.3%	21,497	0.8%	0	0.0%	126,562	4.5%
Patients of Age 5+ Years											
ADHD Stimulant Medication Patients	122,767	90,025	73.3%	****	****	9,780	8.0%	0	0.0%	33,361	27.2%
of Age 5-17 Years											
ADHD Non-Stimulant Medication	40,524	29,252	72.2%	13	0.0%	3,613	8.9%	0	0.0%	11,456	28.3%
Patients of Age 5-17 Years											
Schedule II (C-II) Opioid Analgesics	25,437	25,370	99.7%	****	****	33	0.1%	0	0.0%	66	0.3%
Patients of Age 5-17 Years											
ADHD Stimulant Medication Patients	74,479	59,177	79.5%	****	****	6,225	8.4%	0	0.0%	15,629	21.0%
of Age 18-25 Years											
ADHD Non-Stimulant Medication	13,896	11,607	83.5%	11	0.1%	841	6.1%	0	0.0%	2,328	16.8%
Patients of Age 18-25 Years	50.405	-1	22.22/		0.00/	4.46	0.00/		0.00/		4.00/
Schedule II (C-II) Opioid Analgesics	52,195	51,674	99.0%	23	0.0%	146	0.3%	0	0.0%	537	1.0%
Patients of Age 18-25 Years	424 024	05.045	70.40/	0.5	0.40/	44474	44.60/	•	0.00/	26.644	20.40/
ADHD Stimulant Medication Patients	121,821	85,815	70.4%	86	0.1%	14,174	11.6%	0	0.0%	36,614	30.1%
of Age 26-44 Years	26.020	24 654	00.70/	CC	0.20/	1 700	C 40/	0	0.00/	F 220	10 50/
ADHD Non-Stimulant Medication	26,830	21,651	80.7%	66	0.2%	1,708	6.4%	0	0.0%	5,238	19.5%
Patients of Age 26-44 Years	264.052	254 207	06.30/	45.0	0.20/	2 5 4 4	1.00/	0	0.00/	0.770	2.70/
Schedule II (C-II) Opioid Analgesics	264,052	254,207	96.3%	456	0.2%	2,544	1.0%	0	0.0%	9,778	3.7%
Patients of Age 26-44 Years	74.126	F2 702	72 50/	227	0.20/	6.055	0.20/	0	0.00/	20.457	27.60/
ADHD Stimulant Medication Patients	74,136	53,782	72.5%	237	0.3%	6,055	8.2%	0	0.0%	20,457	27.6%
of Age 45-64 Years											



Table 6. Summary of Reasons First Treatment Episodes Ended for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020<sup>1</sup>

						Censorin	g Reason				
		End of E	xposure	Evidence	of Death <sup>3</sup>	Disenro	llment⁴	End of	Data⁵	End of Stu	dy Period <sup>6</sup>
	Total		Percent of		Percent of		Percent of		Percent of		Percent of
	Number of	Number of	Total	Number of	Total	Number of	Total	Number of	Total	Number of	Total
	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients
ADHD Non-Stimulant Medication	28,259	22,131	78.3%	296	1.0%	1,649	5.8%	0	0.0%	5,932	21.0%
Patients of Age 45-64 Years											
Schedule II (C-II) Opioid Analgesics	697,851	655,526	93.9%	5,293	0.8%	9,549	1.4%	0	0.0%	38,629	5.5%
Patients of Age 45-64 Years											
ADHD Stimulant Medication Patients	45,378	35,596	78.4%	1,251	2.8%	866	1.9%	0	0.0%	8,714	19.2%
of Age 65+ Years											
ADHD Non-Stimulant Medication	45,078	30,825	68.4%	2,922	6.5%	1,313	2.9%	0	0.0%	11,610	25.8%
Patients of Age 65+ Years											
Schedule II (C-II) Opioid Analgesics	1,798,751	1,667,650	92.7%	59,042	3.3%	9,236	0.5%	0	0.0%	77,738	4.3%
Patients of Age 65+ Years											
ADHD Stimulant Medication Patients	315,709	234,315	74.2%	1,583	0.5%	27,315	8.7%	0	0.0%	81,362	25.8%
of Age 18+ Years											
ADHD Non-Stimulant Medication	114,040	86,201	75.6%	3,295	2.9%	5,511	4.8%	0	0.0%	25,098	22.0%
Patients of Age 18+ Years											
Schedule II (C-II) Opioid Analgesics	2,811,609	2,627,997	93.5%	64,812	2.3%	21,465	0.8%	0	0.0%	126,496	4.5%
Patients of Age 18+ Years											

A patient's episode may be censored due to more than one reason if they occur on the same date. Therefore, the sum of the reasons for censoring may be greater than the total number of patients.

cder mpl1p wp085 Page 135 of 390

<sup>&</sup>lt;sup>2</sup>Represents episodes censored due to end of the exposure episode. In as-treated analyses, exposure episodes are defined using days supplied as recorded in outpatient pharmacy dispensing records, and episodes end after days supplied are exhausted or a pre-determined maximum episode duration is met. In point exposure analyses, exposure episodes end when a pre-determined maximum episode duration is met.

<sup>&</sup>lt;sup>3</sup>Represents episodes censored due to evidence of death. Death data source and completeness varies by Data Partner.

<sup>&</sup>lt;sup>4</sup>Represents episodes censored due to disenrollment from health plan. Data Partners often artificially assign a "disenrollment" date equal to data end date for members still enrolled on that date. Therefore, a patient may have dual reasons for censoring as "disenrollment" and "end of data" on the same day - this can be interpreted as right-censoring in most cases.

<sup>&</sup>lt;sup>5</sup>Represents episodes censored due to Data Partner data end date. This end date represents the last day of the most recent year-month in which all of a Data Partner's data tables in the Sentinel Common Data Model have at least 80% of the record count relative to the prior month.

<sup>&</sup>lt;sup>6</sup> Represents episodes censored due to user-specified study end date

<sup>\*\*\*\*\*</sup>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 7. Summary of Reasons Treatment Episodes Ended for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 2020<sup>1</sup>

						Censorin	g Reason				
		End of E	xposure	Evidence	of Death <sup>3</sup>	Disenro	llment⁴	End of	Data⁵	End of Stu	dy Period <sup>6</sup>
	Total		Percent of		Percent of		Percent of		Percent of		Percent of
	Number of	Number of	Total	Number of	Total	Number of	Total	Number of	Total	Number of	Total
	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes
Attention-Deficit/Hyperactivity	652,930	486,744	74.5%	1,812	0.3%	47,017	7.2%	0	0.0%	167,901	25.7%
Disorder (ADHD) Stimulant											
Medication Patients of Age 5+ Years											
ADHD Non-Stimulant Medication	182,808	134,831	73.8%	3,619	2.0%	10,439	5.7%	0	0.0%	45,278	24.8%
Patients of Age 5+ Years											
Schedule II (C-II) Opioid Analgesics	3,600,377	3,318,899	92.2%	77,587	2.2%	29,687	0.8%	0	0.0%	214,639	6.0%
Patients of Age 5+ Years											
ADHD Stimulant Medication Patients	190,530	142,012	74.5%	****	****	12,812	6.7%	0	0.0%	49,655	26.1%
of Age 5-17 Years											
ADHD Non-Stimulant Medication	49,562	35,367	71.4%	15	0.0%	4,162	8.4%	0	0.0%	14,433	29.1%
Patients of Age 5-17 Years											
Schedule II (C-II) Opioid Analgesics	26,165	26,061	99.6%	****	****	38	0.1%	0	0.0%	101	0.4%
Patients of Age 5-17 Years											
ADHD Stimulant Medication Patients	112,422	88,857	79.0%	13	0.0%	8,059	7.2%	0	0.0%	24,116	21.5%
of Age 18-25 Years											
ADHD Non-Stimulant Medication	15,998	13,160	82.3%	11	0.1%	961	6.0%	0	0.0%	2,888	18.1%
Patients of Age 18-25 Years											
Schedule II (C-II) Opioid Analgesics	55,358	54,594	98.6%	32	0.1%	206	0.4%	0	0.0%	779	1.4%
Patients of Age 18-25 Years											
ADHD Stimulant Medication Patients	173,352	123,776	71.4%	107	0.1%	17,207	9.9%	0	0.0%	50,485	29.1%
of Age 26-44 Years											
ADHD Non-Stimulant Medication	31,065	24,761	79.7%	85	0.3%	1,917	6.2%	0	0.0%	6,365	20.5%
Patients of Age 26-44 Years											
Schedule II (C-II) Opioid Analgesics	305,451	290,379	95.1%	613	0.2%	3,379	1.1%	0	0.0%	14,991	4.9%
Patients of Age 26-44 Years											
ADHD Stimulant Medication Patients	106,572	77,862	73.1%	273	0.3%	7,500	7.0%	0	0.0%	28,934	27.1%
of Age 45-64 Years											



Table 7. Summary of Reasons Treatment Episodes Ended for Exposures of Interest in the Sentinel Distributed Database (SDD) from April 1, 2018 to March 31, 20201

						Censorin	g Reason				
		End of E	xposure	Evidence	of Death <sup>3</sup>	Disenro	llment⁴	End of	Data⁵	End of Stu	dy Period <sup>6</sup>
	Total		Percent of		Percent of		Percent of		Percent of		Percent of
	Number of	Number of	Total	Number of	Total	Number of	Total	Number of	Total	Number of	Total
	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes
ADHD Non-Stimulant Medication	33,345	25,753	77.2%	339	1.0%	1,867	5.6%	0	0.0%	7,387	22.2%
Patients of Age 45-64 Years											
Schedule II (C-II) Opioid Analgesics	879,681	813,438	92.5%	6,836	0.8%	13,156	1.5%	0	0.0%	61,772	7.0%
Patients of Age 45-64 Years											
ADHD Stimulant Medication Patients	63,073	49,150	77.9%	1,408	2.2%	1,098	1.7%	0	0.0%	12,770	20.2%
of Age 65+ Years											
ADHD Non-Stimulant Medication	52,190	35,375	67.8%	3,164	6.1%	1,500	2.9%	0	0.0%	13,973	26.8%
Patients of Age 65+ Years											
Schedule II (C-II) Opioid Analgesics	2,325,422	2,127,536	91.5%	70,017	3.0%	12,743	0.5%	0	0.0%	135,631	5.8%
Patients of Age 65+ Years											
ADHD Stimulant Medication Patients	459,003	342,143	74.5%	1,803	0.4%	34,104	7.4%	0	0.0%	117,419	25.6%
of Age 18+ Years											
ADHD Non-Stimulant Medication	132,981	99,285	74.7%	3,604	2.7%	6,261	4.7%	0	0.0%	30,758	23.1%
Patients of Age 18+ Years											
Schedule II (C-II) Opioid Analgesics	3,574,125	3,292,755	92.1%	77,577	2.2%	29,646	0.8%	0	0.0%	214,533	6.0%
Patients of Age 18+ Years											

<sup>&</sup>lt;sup>1</sup>An episode may be censored due to more than one reason if they occur on the same date. Therefore, the sum of the reasons for censoring may be greater than the total number of episodes.

cder mpl1p wp085

<sup>&</sup>lt;sup>2</sup>Represents episodes censored due to end of the exposure episode. In as-treated analyses, exposure episodes are defined using days supplied as recorded in outpatient pharmacy dispensing records, and episodes end after days supplied are exhausted or a pre-determined maximum episode duration is met. In point exposure analyses, exposure episodes end when a pre-determined maximum episode duration is met.

<sup>&</sup>lt;sup>3</sup>Represents episodes censored due to evidence of death. Death data source and completeness varies by Data Partner.

<sup>&</sup>lt;sup>4</sup>Represents episodes censored due to disenrollment from health plan. Data Partners often artificially assign a "disenrollment" date equal to data end date for members still enrolled on that date. Therefore, a patient may have dual reasons for censoring as "disenrollment" and "end of data" on the same day - this can be interpreted as right-censoring in most cases.

<sup>&</sup>lt;sup>5</sup>Represents episodes censored due to Data Partner data end date. This end date represents the last day of the most recent year-month in which all of a Data Partner's data tables in the Sentinel Common Data Model have at least 80% of the record count relative to the prior month.

<sup>&</sup>lt;sup>6</sup>Represents episodes censored due to user-specified study end date.

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



Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (May 10, 2024)

Masked DP ID	DP Start Date	DP End Date <sup>1</sup>
DP01	01/01/2007	03/31/2023
DP02	01/01/2008	03/31/2023
DP03	01/01/2000	03/31/2023
DP04	01/01/2000	03/31/2023
DP05	01/01/2000	03/31/2023
DP06	01/01/2008	03/31/2023
DP07	01/01/2004	03/31/2023
DP08	01/01/2000	03/31/2023

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

cder\_mpl1p\_wp085 Page 138 of 390



## Appendix B. List of States and U.S. Territories per Census Bureau (CB) Region

CB region	States and U.S. Territories
Midwest (MW)	Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota,
	Wisconsin
Northeast (NE)	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont, New Jersey, New York,
	Pennsylvania
South (S)	Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi,
	North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia
West (W)	Arizona, Alaska, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington,
	Wyoming
Other	American Samoa, Guam, Marshall Islands, Micronesia, Northern Mariana Islands, Palau, Puerto Rico, U.S. Virgin
	Islands
Invalid	Recorded geographic location does not match any identifiers per the Sentinel Common Data Model definition
Missing	Missing from claims

cder\_mpl1p\_wp085 Page 139 of 390



Generic Name	Brand Name
Attention-Deficit Hyperactivi	ty Disorder (ADHD) Stimulant Medications
amphetamine	Adzenys ER
amphetamine	Adzenys XR-ODT
amphetamine	Dyanavel XR
amphetamine	amphetamine
amphetamine sulfate	Evekeo
amphetamine sulfate	Evekeo ODT
amphetamine sulfate	amphetamine sulfate
dexmethylphenidate HCl	Focalin
dexmethylphenidate HCl	Focalin XR
dexmethylphenidate HCl	dexmethylphenidate
dextroamphetamine	Xelstrym
dextroamphetamine sulf-saccharate/amphetamine su	lf- Adderall
dextroamphetamine sulf-saccharate/amphetamine su	lf- Adderall XR
dextroamphetamine sulf-saccharate/amphetamine su	lf- Mydayis
dextroamphetamine sulf-saccharate/amphetamine su	lf- dextroamphetamine-amphetamine
dextroamphetamine sulfate	Dexedrine
dextroamphetamine sulfate	Dexedrine Spansule
dextroamphetamine sulfate	ProCentra
dextroamphetamine sulfate	Zenzedi
dextroamphetamine sulfate	dextroamphetamine sulfate
lisdexamfetamine dimesylate	Vyvanse
lisdexamfetamine dimesylate	lisdexamfetamine
methamphetamine HCl	Desoxyn
methamphetamine HCl	methamphetamine
methylphenidate	Cotempla XR-ODT
methylphenidate	Daytrana
methylphenidate	methylphenidate
methylphenidate HCl	Adhansia XR
methylphenidate HCl	Aptensio XR
methylphenidate HCl	Concerta
methylphenidate HCl	Jornay PM
methylphenidate HCl	Metadate CD
methylphenidate HCl	Metadate ER
methylphenidate HCl	Methylin
methylphenidate HCl	QuilliChew ER
methylphenidate HCl	Quillivant XR
methylphenidate HCl	Relexxii
methylphenidate HCl	Ritalin
methylphenidate HCl	Ritalin LA
methylphenidate HCl	methylphenidate HCl
serdexmethylphenidate chloride/dexmethylphenidate	HCl Azstarys

cder\_mpl1p\_wp085 Page 140 of 390



Appendix C. List of Generic and Brand Names of Medical Products Use  Generic Name	Brand Name				
ADHD Non-Stimulant N					
atomoxetine HCl	Strattera				
atomoxetine HCl	atomoxetine				
clonidine	Catapres-TTS-1				
clonidine	Catapres-TTS-2				
clonidine	Catapres-TTS-3				
clonidine	clonidine				
clonidine HCl	Kapvay				
clonidine HCl	Nexiclon XR				
clonidine HCl	clonidine HCl				
guanfacine HCl	Intuniv ER				
guanfacine HCl	guanfacine				
viloxazine HCl	Qelbree				
Schedule II (C-II) Opioid					
benzhydrocodone HCl/acetaminophen	Apadaz				
benzhydrocodone HCl/acetaminophen	benzhydrocodone-acetaminophen				
codeine sulfate	codeine sulfate				
fentanyl	Duragesic				
fentanyl	Subsys				
fentanyl	fentanyl				
fentanyl HCl	lonsys				
fentanyl citrate	Abstral				
fentanyl citrate	Actiq				
fentanyl citrate	Fentora				
fentanyl citrate	Lazanda				
fentanyl citrate	fentanyl citrate				
fentanyl citrate in 0.9 % sodium chloride/PF	fentanyl citrate (PF)-0.9%NaCl				
fentanyl citrate in dextrose 5% in water/PF	fentanyl citrate in D5W (PF)				
fentanyl citrate/PF	fentanyl citrate (PF)				
fentanyl citrate/bupivacaine HCl in 0.9 % sodium chloride/PF	fentanyl (PF)-bupivacaine-NaCl				
fentanyl citrate/ropivacaine HCl/sodium chloride 0.9%/PF	fentanyl-ropivacaine-NaCl (PF)				
hydrocodone bitartrate	Hysingla ER				
hydrocodone bitartrate	Zohydro ER				
hydrocodone bitartrate	hydrocodone bitartrate				
hydrocodone bitartrate/acetaminophen	Lorcet (hydrocodone)				
hydrocodone bitartrate/acetaminophen	Lorcet HD				
hydrocodone bitartrate/acetaminophen	Lorcet Plus				
hydrocodone bitartrate/acetaminophen	Lortab 10-325				
hydrocodone bitartrate/acetaminophen	Lortab 5-325				
hydrocodone bitartrate/acetaminophen	Lortab 7.5-325				
hydrocodone bitartrate/acetaminophen	Lortab Elixir				
hydrocodone bitartrate/acetaminophen	Norco				
hydrocodone bitartrate/acetaminophen	Vicodin				
hydrocodone bitartrate/acetaminophen	Vicodin ES				
hydrocodone bitartrate/acetaminophen	Vicodin HP				
hydrocodone bitartrate/acetaminophen	Xodol 10/300				
hydrocodone bitartrate/acetaminophen	Xodol 5/300				
hydrocodone bitartrate/acetaminophen	Xodol 7.5/300				

cder\_mpl1p\_wp085 Page 141 of 390



Generic Name	Brand Name
hydrocodone bitartrate/acetaminophen	Zamicet
hydrocodone bitartrate/acetaminophen	hydrocodone-acetaminophen
hydrocodone/ibuprofen	Ibudone
hydrocodone/ibuprofen	Reprexain
hydrocodone/ibuprofen	Xylon 10
hydrocodone/ibuprofen	hydrocodone-ibuprofen
hydromorphone HCl	Dilaudid
hydromorphone HCl	Exalgo ER
hydromorphone HCl	hydromorphone
hydromorphone HCl in 0.9 % sodium chloride	hydromorphone in 0.9 % NaCl
hydromorphone HCl in 0.9 % sodium chloride/PF	hydromorphone (PF)-0.9 % NaCl
hydromorphone HCl in dextrose 5 %-water/PF	hydromorphone in D5W (PF)
hydromorphone HCl in sodium chloride, iso-osmotic/PF	hydromorphone(PF)-NaCl,iso-osm
hydromorphone HCl in sterile water/PF	hydromorphone (PF) in water
hydromorphone HCI/PF	Dilaudid (PF)
hydromorphone HCl/PF	Dilaudid-HP (PF)
hydromorphone HCI/PF	hydromorphone (PF)
hydromorphone HCI/bupivacaine HCI in 0.9% sodium	hydromorphone-bupiv (PF)-NaCl
hydromorphone HCl/ropivacaine in 0.9 % sodium chloride/PF	hydromorph(PF)-ropiv-0.9% NaCl
ibuprofen/oxycodone HCl	ibuprofen-oxycodone
levorphanol tartrate	levorphanol tartrate
meperidine HCl	Demerol
meperidine HCl	meperidine
meperidine HCl in 0.9 % sodium chloride	meperidine in 0.9 % NaCl
meperidine HCl in 0.9 % sodium chloride/PF	meperidine (PF) in 0.9 % NaCl
meperidine HCI/PF	Demerol (PF)
meperidine HCI/PF	meperidine (PF)
methadone HCl	Diskets
methadone HCl	Dolophine
methadone HCl	Methadone Intensol
methadone HCl	Methadose
methadone HCl	methadone
methadone hydrochloride in 0.9 % sodium chloride	methadone in 0.9 % sod.chlorid
morphine sulfate	Arymo ER
morphine sulfate	Kadian
morphine sulfate	MS Contin
morphine sulfate	MorphaBond ER
morphine sulfate	morphine
morphine sulfate	morphine concentrate
morphine sulfate in 0.9 % sodium chloride	morphine in 0.9 % sodium chlor
morphine sulfate in 0.9 % sodium chloride/PF	morphine (PF) in 0.9 % sod chl
morphine sulfate/PF	Duramorph (PF)
morphine sulfate/PF	Infumorph P/F
morphine sulfate/PF	Mitigo (PF)
morphine sulfate/PF	morphine (PF)
morphine sulfate/dextrose 5 % in water	morphine in dextrose 5 %
morphine sulfate/dextrose 5%-water/PF	morphine (PF) in dextrose 5 %
morphine sulfate/naltrexone HCl	Embeda

cder\_mpl1p\_wp085 Page 142 of 390



ppendix C. List of Generic and Brand Names of Medical Products Used Generic Name	Brand Name				
oliceridine fumarate	Olinvyk				
oxycodone HCl	Oxaydo				
oxycodone HCl	OxyContin				
·	-				
oxycodone HCl	Roxicodone				
oxycodone HCl	RoxyBond				
oxycodone HCl	oxycodone				
oxycodone HCl/acetaminophen	Endocet				
oxycodone HCl/acetaminophen	Nalocet				
oxycodone HCl/acetaminophen	Percocet				
oxycodone HCl/acetaminophen	Primlev				
oxycodone HCI/acetaminophen	Prolate				
oxycodone HCI/acetaminophen	Xartemis XR				
oxycodone HCl/acetaminophen	oxycodone-acetaminophen				
oxycodone HCl/aspirin	oxycodone-aspirin				
oxycodone myristate	Xtampza ER				
oxymorphone HCl	Opana				
oxymorphone HCl	Opana ER				
oxymorphone HCl	oxymorphone				
sufentanil citrate/bupivacaine HCl/0.9 % sodium chloride/PF	sufentanil-bupivacain-NaCl(PF)				
tapentadol HCl	Nucynta				
tapentadol HCl	Nucynta ER				
Amphetamine/Dextroamphetamine Combina	tion Products Immediate Release				
dextroamphetamine sulf-saccharate/amphetamine sulf-	Adderall				
dextroamphetamine sulf-saccharate/amphetamine sulf-	dextroamphetamine-amphetamine				
Amphetamine/Dextroamphetamine Combina	ation Products Extended Release				
dextroamphetamine sulf-saccharate/amphetamine sulf-	Adderall XR				
dextroamphetamine sulf-saccharate/amphetamine sulf-	Mydayis				
dextroamphetamine sulf-saccharate/amphetamine sulf-	dextroamphetamine-amphetamine				
Lisdexamfetamine Exten	ded Release				
lisdexamfetamine dimesylate	Vyvanse				
lisdexamfetamine dimesylate	lisdexamfetamine				
Methylphenidate Single-entity Prod	ucts Immediate Release				
methylphenidate HCl	Methylin				
methylphenidate HCl	, Ritalin				
methylphenidate HCl	methylphenidate HCl				
Methylphenidate Single-entity Prod					
methylphenidate	Cotempla XR-ODT				
methylphenidate	Daytrana				
methylphenidate	methylphenidate				
	Adhansia XR				
MELOVIDOEDIDATE HUI	/ tarrarisia /tit				
methylphenidate HCl methylphenidate HCl	Antensio XR				
methylphenidate HCl	Aptensio XR				
methylphenidate HCl methylphenidate HCl	Concerta				
methylphenidate HCl methylphenidate HCl methylphenidate HCl	Concerta Jornay PM				
methylphenidate HCl methylphenidate HCl methylphenidate HCl methylphenidate HCl	Concerta Jornay PM Metadate CD				
methylphenidate HCl methylphenidate HCl methylphenidate HCl methylphenidate HCl methylphenidate HCl	Concerta Jornay PM Metadate CD Metadate ER				
methylphenidate HCl methylphenidate HCl methylphenidate HCl methylphenidate HCl methylphenidate HCl methylphenidate HCl	Concerta Jornay PM Metadate CD Metadate ER QuilliChew ER				
methylphenidate HCl methylphenidate HCl methylphenidate HCl methylphenidate HCl methylphenidate HCl	Concerta Jornay PM Metadate CD Metadate ER				

cder\_mpl1p\_wp085 Page 143 of 390



Appendix of East of Generic and Plana Names of Medical Floatics Oscal to Bernie Exposures in this request	
Generic Name	Brand Name
methylphenidate HCl	Ritalin LA
methylphenidate HCl	methylphenidate HCl

cder\_mpl1p\_wp085 Page 144 of 390



Appendix D. List of Generic and Brand Names of Medical Products Us	sed to Define Covariates in this Request
Generic Name	Brand Name
ADHD Stimulant N	ledication
amphetamine	Adzenys ER
amphetamine	Adzenys XR-ODT
amphetamine	Dyanavel XR
amphetamine sulfate	Evekeo
amphetamine sulfate	Evekeo ODT
dexmethylphenidate HCl	Focalin
dexmethylphenidate HCl	Focalin XR
dexmethylphenidate HCl	dexmethylphenidate
dextroamphetamine	Xelstrym
dextroamphetamine sulf-saccharate/amphetamine sulf-	Adderall
dextroamphetamine sulf-saccharate/amphetamine sulf-	Adderall XR
dextroamphetamine sulf-saccharate/amphetamine sulf-	Mydayis
dextroamphetamine sulf-saccharate/amphetamine sulf-	dextroamphetamine-amphetamine
dextroamphetamine sulfate	Dexedrine
dextroamphetamine sulfate	Dexedrine Spansule
dextroamphetamine sulfate	ProCentra
dextroamphetamine sulfate	Zenzedi
lisdexamfetamine dimesylate	Vyvanse
lisdexamfetamine dimesylate	lisdexamfetamine
methamphetamine HCl	Desoxyn
methamphetamine HCl	methamphetamine
methylphenidate	Cotempla XR-ODT
methylphenidate	Daytrana
methylphenidate HCl	Adhansia XR
methylphenidate HCl	Aptensio XR
methylphenidate HCl	Concerta
methylphenidate HCl	Jornay PM
methylphenidate HCl	Metadate CD
methylphenidate HCl	Metadate ER
methylphenidate HCl	Methylin
methylphenidate HCl	QuilliChew ER
methylphenidate HCl	Quillivant XR
methylphenidate HCl	Relexxii
methylphenidate HCl	Ritalin
methylphenidate HCl	Ritalin LA
methylphenidate HCl	methylphenidate HCl
serdexmethylphenidate chloride/dexmethylphenidate HCl	Azstarys
ADHD Non-Stimulant	·
atomoxetine HCl	Strattera
atomoxetine HCl	atomoxetine
clonidine	Catapres-TTS-1
clonidine	Catapres-TTS-2
clonidine	Catapres-TTS-3
clonidine HCl	Kapvay
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cder\_mpl1p\_wp085 Page 145 of 390

Nexiclon XR

clonidine HCl

Intuniv ER

clonidine HCl

clonidine HCl

guanfacine HCl



Generic Name	Brand Name
guanfacine HCl	guanfacine
viloxazine HCl	Qelbree
Schedule II (C-II) Opioid	Analgesics
benzhydrocodone HCl/acetaminophen	Apadaz
benzhydrocodone HCI/acetaminophen	benzhydrocodone-acetaminophen
codeine sulfate	codeine sulfate
fentanyl	Duragesic
fentanyl	Subsys
fentanyl HCl	lonsys
fentanyl citrate	Abstral
fentanyl citrate	Actiq
fentanyl citrate	Fentora
fentanyl citrate	Lazanda
fentanyl citrate in 0.9 % sodium chloride/PF	fentanyl citrate (PF)-0.9%NaCl
fentanyl citrate in dextrose 5% in water/PF	fentanyl citrate in D5W (PF)
fentanyl citrate/PF	fentanyl citrate (PF)
entanyl citrate/bupivacaine HCl in 0.9 % sodium chloride/PF	fentanyl (PF)-bupivacaine-NaCl
fentanyl citrate/ropivacaine HCl/sodium chloride 0.9%/PF	fentanyl-ropivacaine-NaCl (PF)
hydrocodone bitartrate	Hysingla ER
hydrocodone bitartrate	Zohydro ER
hydrocodone bitartrate	hydrocodone bitartrate
hydrocodone bitartrate/acetaminophen	Lorcet (hydrocodone)
hydrocodone bitartrate/acetaminophen	Lorcet HD
hydrocodone bitartrate/acetaminophen	Lorcet Plus
hydrocodone bitartrate/acetaminophen	Lortab 10-325
hydrocodone bitartrate/acetaminophen	Lortab 5-325
hydrocodone bitartrate/acetaminophen	Lortab 7.5-325
hydrocodone bitartrate/acetaminophen	Lortab Elixir
hydrocodone bitartrate/acetaminophen	Norco
hydrocodone bitartrate/acetaminophen	Vicodin
hydrocodone bitartrate/acetaminophen	Vicodin ES
hydrocodone bitartrate/acetaminophen	Vicodin HP
hydrocodone bitartrate/acetaminophen	Xodol 10/300
hydrocodone bitartrate/acetaminophen	Xodol 5/300
hydrocodone bitartrate/acetaminophen	Xodol 7.5/300
hydrocodone bitartrate/acetaminophen	Zamicet
hydrocodone bitartrate/acetaminophen	hydrocodone-acetaminophen
hydrocodone/ibuprofen	Ibudone
hydrocodone/ibuprofen	Reprexain
hydrocodone/ibuprofen	Xylon 10
hydrocodone/ibuprofen	hydrocodone-ibuprofen
hydromorphone HCl	Dilaudid
hydromorphone HCl	Exalgo ER
hydromorphone HCl	hydromorphone
hydromorphone HCl in 0.9 % sodium chloride	hydromorphone in 0.9 % NaCl
hydromorphone HCl in 0.9 % sodium chloride/PF	hydromorphone (PF)-0.9 % NaCl
hydromorphone HCl in dextrose 5 %-water/PF	hydromorphone in D5W (PF)
hydromorphone IICl in sodium chloride, iso asmatic/DE	hydromorphone (DE) NoClice com

cder\_mpl1p\_wp085 Page 146 of 390

hydromorphone HCl in sodium chloride, iso-osmotic/PF

hydromorphone(PF)-NaCl,iso-osm



pendix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request		
Generic Name	Brand Name	I
hydromorphone HCl in sterile water/PF	hydromorphone (PF) in water	
hydromorphone HCl/PF	Dilaudid (PF)	
hydromorphone HCl/PF	Dilaudid-HP (PF)	
hydromorphone HCl/PF	hydromorphone (PF)	
hydromorphone HCl/bupivacaine HCl in 0.9% sodium	hydromorphone-bupiv (PF)-NaCl	
hydromorphone HCI/ropivacaine in 0.9 % sodium chloride/PF	hydromorph(PF)-ropiv-0.9% NaCl	
ibuprofen/oxycodone HCl	ibuprofen-oxycodone	
levorphanol tartrate	levorphanol tartrate	
meperidine HCl	Demerol	
meperidine HCl	meperidine	
meperidine HCl in 0.9 % sodium chloride	meperidine in 0.9 % NaCl	
meperidine HCl in 0.9 % sodium chloride/PF	meperidine (PF) in 0.9 % NaCl	
meperidine HCl/PF	Demerol (PF)	
meperidine HCl/PF	meperidine (PF)	
methadone HCl	Diskets	
methadone HCl	Dolophine	
methadone HCl	Methadone Intensol	
methadone HCl	Methadose	
methadone HCl	methadone	
methadone hydrochloride in 0.9 % sodium chloride	methadone in 0.9 % sod.chlorid	
morphine sulfate	Arymo ER	
morphine sulfate	Kadian	
morphine sulfate	MS Contin	
morphine sulfate	MorphaBond ER	
morphine sulfate	morphine	
morphine sulfate	morphine concentrate	
morphine sulfate in 0.9 % sodium chloride	morphine in 0.9 % sodium chlor	
morphine sulfate in 0.9 % sodium chloride/PF	morphine (PF) in 0.9 % sod chl	
morphine sulfate/PF	Duramorph (PF)	
morphine sulfate/PF	Infumorph P/F	
morphine sulfate/PF	Mitigo (PF)	
morphine sulfate/PF	morphine (PF)	
morphine sulfate/dextrose 5 % in water	morphine in dextrose 5 %	
morphine sulfate/dextrose 5%-water/PF	morphine (PF) in dextrose 5 %	
morphine sulfate/naltrexone HCl	Embeda	
oliceridine fumarate	Olinvyk	
oxycodone HCl	Oxaydo	
oxycodone HCl	OxyContin	
oxycodone HCl	, Roxicodone	
oxycodone HCl	RoxyBond	
oxycodone HCl	oxycodone	
oxycodone HCl/acetaminophen	Endocet	
oxycodone HCl/acetaminophen	Nalocet	
oxycodone HCl/acetaminophen	Percocet	
oxycodone HCl/acetaminophen	Primlev	
oxycodone HCl/acetaminophen	Prolate	
oxycodone HCl/acetaminophen	Xartemis XR	
oxycodone HCl/acetaminophen	oxycodone-acetaminophen	
on to do the trent dectaining their	oxygodone doctamnophen	

cder\_mpl1p\_wp085 Page 147 of 390



Appendix D. List of Generic and Brand Names of Medical Products Use	ed to Define Covariates in this Request
Generic Name	Brand Name
oxycodone HCl/aspirin	oxycodone-aspirin
oxycodone myristate	Xtampza ER
oxymorphone HCl	Opana
oxymorphone HCl	Opana ER
oxymorphone HCl	oxymorphone
sufentanil citrate/bupivacaine HCl/0.9 % sodium chloride/PF	sufentanil-bupivacain-NaCl(PF)
tapentadol HCl	Nucynta
tapentadol HCl	Nucynta ER
Medication for Opioid-Rel	ated Disorders
buprenorphine	Sublocade
buprenorphine HCl	Probuphine
buprenorphine HCI/naloxone HCI	Bunavail
buprenorphine HCl/naloxone HCl	Suboxone
buprenorphine HCl/naloxone HCl	Zubsolv
buprenorphine HCI/naloxone HCI	buprenorphine-naloxone
Antidepressant Me	dication
amitriptyline HCl	amitriptyline
amitriptyline HCI/chlordiazepoxide	amitriptyline-chlordiazepoxide
amoxapine	amoxapine
brexanolone	Zulresso
bupropion HBr	Aplenzin
bupropion HCl	Forfivo XL
bupropion HCl	Wellbutrin SR
bupropion HCl	Wellbutrin XL
bupropion HCl	bupropion HCl
citalopram hydrobromide	Celexa
citalopram hydrobromide	citalopram
clomipramine HCl	Anafranil
clomipramine HCl	clomipramine
desipramine HCl	Norpramin
desipramine HCl	desipramine
desvenlafaxine	Khedezla
desvenlafaxine	desvenlafaxine
desvenlafaxine fumarate	desvenlafaxine fumarate
desvenlafaxine succinate	Pristiq
desvenlafaxine succinate	desvenlafaxine succinate
dextromethorphan HBr/bupropion HCl	Auvelity
doxepin HCl	Silenor
doxepin HCl	doxepin
duloxetine HCl	Cymbalta
duloxetine HCl	Drizalma Sprinkle
duloxetine HCl	Irenka
duloxetine HCl	duloxetine
duloxetine HCl/lidocaine HCl	Duloxicaine
escitalopram oxalate	Lexapro
escitalopram oxalate	escitalopram oxalate
esketamine HCl	Spravato
fluovotino IICI	Drozoo

Page 148 of 390  $cder\_mpl1p\_wp085$ 

Prozac

fluoxetine HCl



pendix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request	
Generic Name	Brand Name
fluoxetine HCl	Prozac Weekly
fluoxetine HCl	Sarafem
fluoxetine HCl	fluoxetine
fluvoxamine maleate	fluvoxamine
imipramine HCl	Tofranil
imipramine HCl	imipramine HCl
imipramine pamoate	imipramine pamoate
isocarboxazid	Marplan
levomilnacipran HCl	Fetzima
maprotiline HCl	maprotiline
milnacipran HCl	Savella
mirtazapine	Remeron
mirtazapine	Remeron SolTab
mirtazapine	mirtazapine
nefazodone HCl	nefazodone
nortriptyline HCl	Pamelor
nortriptyline HCl	nortriptyline
olanzapine/fluoxetine HCl	Symbyax
olanzapine/fluoxetine HCl	olanzapine-fluoxetine
paroxetine HCl	Paxil
paroxetine HCl	Paxil CR
paroxetine HCl	paroxetine HCl
paroxetine mesylate	Pexeva
perphenazine/amitriptyline HCl	perphenazine-amitriptyline
phenelzine sulfate	Nardil
phenelzine sulfate	phenelzine
protriptyline HCl	protriptyline
selegiline	Emsam
sertraline HCl	Zoloft
sertraline HCl	sertraline
tranylcypromine sulfate	Parnate
tranylcypromine sulfate	tranylcypromine
trazodone HCl	trazodone
trimipramine maleate	Surmontil
trimipramine maleate	trimipramine
venlafaxine HCl	Effexor XR
venlafaxine HCl	venlafaxine
venlafaxine besylate	venlafaxine besylate
vilazodone HCl	Viibryd
vilazodone HCl	vilazodone
vortioxetine hydrobromide	Trintellix

cder\_mpl1p\_wp085 Page 149 of 390



ppendix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request		
Generic Name	Brand Name	
Anxiolytic or Sedative/Hypno		
alprazolam	Alprazolam Intensol	
alprazolam	Xanax	
alprazolam	Xanax XR	
alprazolam	alprazolam	
amitriptyline HCI/chlordiazepoxide	amitriptyline-chlordiazepoxide	
amobarbital sodium	Amytal	
bromelains/melatonin/herbal complex no.233	MidNite PM	
buspirone HCl	buspirone	
butabarbital sodium	Butisol	
calcium carb,hydroxide/soy isoflavone/black cohosh/melatonin	Estroven Nighttime (cal-meltn)	
chlordiazepoxide HCl	chlordiazepoxide HCl	
clonazepam	Klonopin	
clonazepam	clonazepam	
clorazepate dipotassium	Tranxene T-Tab	
clorazepate dipotassium	clorazepate dipotassium	
daridorexant HCl	Quviviq	
dexmedetomidine HCl	Igalmi	
dexmedetomidine HCl	Precedex	
dexmedetomidine HCl	dexmedetomidine	
dexmedetomidine HCl in 0.9 % sodium chloride	Precedex in 0.9 % sodium chlor	
dexmedetomidine HCl in 0.9 % sodium chloride	dexmedetomidine in 0.9 % NaCl	
dexmedetomidine in 5 % dextrose in water	dexmedetomidine in dextrose 5%	
diazepam	Diazepam Intensol	
diazepam	Valium	
diazepam	Valtoco	
diazepam	diazepam	
doxepin HCl	Silenor	
doxepin HCl	doxepin	
estazolam	estazolam	
eszopiclone	Lunesta	
eszopiclone	eszopiclone	
ethyl alcohol/herbal drugs	Lydia Pinkham Herbal	
flurazepam HCl	flurazepam	
hydroxyzine HCl	hydroxyzine HCl	
hydroxyzine pamoate	Vistaril	
hydroxyzine pamoate	hydroxyzine pamoate	
lemborexant	, , ,	
lorazepam	Ativan	
lorazepam	Lorazepam Intensol	
lorazepam	Loreev XR	
lorazepam	lorazepam	
lorazepam in 0.9 % sodium chloride	lorazepam in 0.9% sod chloride	
lorazepam in 5 % dextrose and water	lorazepam in dextrose 5 %	
melatonin	Children's Sleep (melatonin)	
melatonin	Kids Melatonin	
melatonin	Meladox	
melatonin	Melatin	
melacoliiii	MEIACHI	

cder\_mpl1p\_wp085 Page 150 of 390



melatonin melatonin/S-HTP/valerian/rolic acid/dietary combination 28 Hypnosom melatonin/S-Hydroxytryptophan/tryptophan/s6/magnesium oxde Somnicin Relax Might Calm melatonin/GABA/S-HTP/theanine/meno balm leaf xt Relax Night Calm melatonin/GABA/S-HTP/theanine/meno balm leaf xt Relax Night Calm melatonin/GABA/S-HTP/theanine/meno balm melatonin/GABA/tryptophan/valerian root/hops/lemon balm melatonin/gama-aminobutyric acid/herbal complex no.183 Sleep Optimizer Melatonin/gama-aminobutyric acid/herbal complex no.183 Medi-Doze melatonin/gama-aminobutyric acid/herbal complex no.184 Medi-Doze melatonin/herbal complex no.184 melatonin/herbal complex no.184 melatonin/herbal complex no.233 melatonin/herbal complex no.233 melatonin/herbal complex no.234 melatonin/herbal complex no.235 melatonin-lemon balm leaf extra melatonin/hydroxal phosphate melatonin/hydroxal phosphate melatonin/pyridoxal phosphate melatonin/pyridoxal phosphate melatonin/pyridoxine melatonin/pyridoxine melatonin/hydroxal phosphate melatonin/pyridoxine melatonin/hydroxine melatonin/pyridoxine melatonin/hydroxine melatonin/hyd	Appendix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request	
melatonin melatonin/S-HTP/valerian/pficile.caid/diletary combination 28 melatonin/S-Hydroxytryptophan/tryptophan/B/magnesium oxide Somnicin melatonin/GABA/S-HTP/kheanine/magnesium citrate, oxide/herbs Citrate, oxide/herbs Sopordren Sleep Optimizer Melatonin/GABA/trytpophan/valerian root/hops/lemon balm melatonin/gama-aminobutyric acid/herbal complex no.183 Sleep Optimizer Mids Sleep Dimmure Health Sleep Immune Health Sleep Immune Health Sleep Immune Health Sleep Immune Health Mel-Doze Melatonin/gamma-aminobutyric acid/valerian Melatonin/gamma-ininobutyric acid/valerian Melatonin/periba complex no.184 Melatonin-Melatonin/herbal complex no.184 Melatonin-Melatonin/herbal complex no.184 Melatonin-Melatonin/herbal complex no.184 Melatonin-Melatonin-Magnesum citrate Melatonin/passion flower/lemon balm Melatonin-Magnesum Unisom Simple Slumbers Melatonin/pyridoxal phosphate Melatonin/pyridoxal phosphate Melatonin/pyridoxal phosphate Melatonin/pyridoxine Melatonin/pyridoxine Melatonin/pyridoxine Melatonin/pyridoxine Melatonin/pyridoxine Melatonin/pyridoxine Melatonin-Melatonin (with B6) Melatonin (with B6) Melatonin (with B6) Melatonin (with B6) Melatonin (with B6) Melatonin-pyridoxine (with B	Generic Name	Brand Name
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melatonin/5-hydroxytryptophan/theanine/lemon balm leaf xt melatonin/GABA/5-HTP/theanine/magnesium citrate, oxide/herbs	melatonin/5-HTP/valerian/folic acid/dietary combination 28	Hypnosom
melatonin/S-hydroxytryptophan/theanine/magnesium citrate, oxide/herbs citrate, oxide/herbs citrate, oxide/herbs citrate, oxide/herbs didardin/ascorbic acid/vitamin D3/zinc citrate/elderberry kids Sleep Immune Health sleatonin/ascorbic acid/vitamin D3/zinc citrate/elderberry Sleep Immune Health sleatonin/ascorbic acid/vitamin D3/zinc citrate/elderberry Sleep Immune Health sleatonin/gamma-aminobutyric acid/herbal complex no.183 Sintralyne-PM melatonin/gamma-aminobutyric acid/herbal complex no.183 Midite for Menopause melatonin/perbal complex no.184 Med-Doze melatonin/herbal complex no.184 melatonin/herbal complex no.184 melatonin/herbal complex no.233 Midite for Menopause melatonin/herbal complex no.233 Midite for Menopause melatonin/herbal complex no.233 melatonin/lemon balm leaf extract melatonin/mag carbonate, glycinate/pot Soothing Night melatonin/mag carbonate, glycinate/pot Soothing Night MidiNite melatonin/passion flower/lemon balm Unisom Simple Slumbers melatonin/pyridoxal phosphate Melatonin/pyridoxal phosphate melatonin/pyridoxine Mela	melatonin/5-Hydroxytryptophan/tryptophan/B6/magnesium	
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melatonin/gamma-aminobutyric acid/herbal complex no.183	melatonin/GABA/tryptophan/valerian root/hops/lemon balm	Sleep Optimizer
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melatonin/gamma-aminobutyric acid/valerian melatonin/genistein/herbal complex no.233 Midnite for Menopause Melatonin/herbal complex no.184 Melatonin/herbal complex no.184 Melatonin/herbal complex no.184 Melatonin/herbal complex no.233 Midnite Melatonin/herbal complex no.233 Midnite Melatonin/herbal complex no.233 Midnite Melatonin/mag carbonate, glycinate/pot Melatonin/mag carbonate, glycinate/pot Melatonin/passium citrate Melatonin/passium citrate Melatonin/pyridoxal phosphate Melatonin/pyridoxal phosphate Melatonin/pyridoxal phosphate Melatonin/pyridoxal phosphate Melatonin/pyridoxine Melatonin/pyridoxine Melatonin/pyridoxine HCl (vit B6) Melatonin-B6 (pyridoxia phosphate Melatonin/pyridoxine HCl (vit B6) Melatonin-Memorial Melatonin/pyridoxine HCl (B6) Melatonin/theanine Melatonin/theanine/lemon balm/chamomile flower/lavender Melatonin/theanine/lemon balm/chamomile flower/lavender Melatonin/tryptophan Melatonin/tryptophan Melatonin/tryptophan Melatonin/tryptophan Melatonin/tryptophan Melatonin/tryptophan Melatonin/tryptophan Melatonin/tryptophan Melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6 Melatonin-Bese Calm Melatonin/tryptophan Melatonin/tryptophan Melatonin/tryptophan Mestone Melatonin/tryptophan Mestone Melatonin/tryptophan Mestone Melatonin/tryptophan Mestone	melatonin/ascorbic acid/vitamin D3/zinc citrate/elderberry	Sleep Immune Health
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melatonin/pyridoxine melatonin/pyridoxine melatonin/pyridoxine (vit B6) melatonin/pyridoxine HCl (vit B6) melatonin/pyridoxine HCl (vit B6) melatonin/theanine melatonin/theanine melatonin/theanine/lemon balm/chamomile flower/lavender melatonin/theanine/lemon balm/chamomile flower/lavender McIs Sleep Calm melatonin/theanine/lemon balm/chamomile flower/lavender Melatonin/tryptophan Restone melatonin/tryptophan Wrestone melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6 Toprophan meprobamate midazolam HCl midazolam HCl midazolam Nembutal Sodium Pentobarbital sodium Nembutal Sodium Pentobarbital sodium pentobarbital sodium pentobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium in 0.9 % sodium chloride phenobarbital in 0.9 % sod chl quazepam Quazepam Rozerem ramelteon Rozerem ramelteon secobarbital sodium Seconal Sodium Seconal Sodium suvorexant Belsomra	melatonin/pyridoxal phosphate	Melatonin-B6 (pyridoxal phos)
melatonin/pyridoxine melatonin-pyridoxine (vit B6) melatonin/pyridoxine HCl (vit B6) melatonin/theanine melatonin/theanine melatonin-theanine melatonin/theanine/lemon balm/chamomile flower/lavender Mids Sleep Calm melatonin/tryptophan Sleep Calm melatonin/tryptophan Restone melatonin/tryptophan Wrestone melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6 Toprophan meprobamate meprobamate meprobamate midazolam HCl midazolam oxazepam oxazepam pentobarbital sodium Nembutal Sodium pentobarbital sodium pentobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium in 0.9 % sodium chloride phenobarbital in 0.9 % sod chl quazepam Quazepam quazepam quazepam ramelteon Rozerem ramelteon secobarbital sodium suvorexant Belsomra	melatonin/pyridoxal phosphate	melatonin-pyridoxal phos (B6)
melatonin/pyridoxine HCI (vit B6)melatonin-pyridoxine HCI (B6)melatonin/theaninemelatonin-theaninemelatonin/theanine/lemon balm/chamomile flower/lavenderKids Sleep Calmmelatonin/theanine/lemon balm/chamomile flower/lavenderSleep Calmmelatonin/tryptophanRestonemelatonin/tryptophan/valerian/chamomile/niacin/inositol/B6Toprophanmelatonin/tryptophan/valerian/chamomile/niacin/inositol/B6Toprophanmeprobamatemeprobamatemidazolam HCImidazolamoxazepamoxazepampentobarbital sodiumNembutal Sodiumpentobarbital sodiumpentobarbital sodiumphenobarbital sodiumphenobarbital sodiumphenobarbital sodium in 0.9 % sodium chloridephenobarbital in 0.9 % sod chlquazepamDoralquazepamquazepamramelteonRozeremramelteonramelteonsecobarbital sodiumSeconal SodiumsuvorexantBelsomra	melatonin/pyridoxine	Melatonin (with B6)
melatonin/theanine melatonin/theanine Midas Sleep Calm melatonin/theanine/lemon balm/chamomile flower/lavender melatonin/theanine/lemon balm/chamomile flower/lavender melatonin/tryptophan melatonin/tryptophan melatonin/tryptophan melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6 melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6 meprobamate midazolam HCl midazolam oxazepam oxazepam pentobarbital sodium pentobarbital sodium pentobarbital sodium phenobarbital sodium social sodium pramelteon secobarbital sodium Seconal Sodium Belsomra	melatonin/pyridoxine	melatonin-pyridoxine (vit B6)
melatonin/theanine/lemon balm/chamomile flower/lavender melatonin/theanine/lemon balm/chamomile flower/lavender melatonin/tryptophan melatonin/tryptophan melatonin/tryptophan melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6 melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6 Toprophan meprobamate midazolam HCl midazolam oxazepam oxazepam pentobarbital sodium pentobarbital sodium pentobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium in 0.9 % sodium chloride quazepam quazepam quazepam ramelteon ramelteon secobarbital sodium suvorexant Rids Sleep Calm Pestone Sleep Calm Pestone Spleep Calm Pestone Spleep Calm Pestone Spleep Calm Spleep Calm Pestone Spleep Calm Pestone Spleep Calm Spleep Calm Pestone Spleep Calm Spleep Calm Pestone Spleep Calm Spleep Calm Pestone Spleep Calm Pe	melatonin/pyridoxine HCl (vit B6)	melatonin-pyridoxine HCl (B6)
melatonin/theanine/lemon balm/chamomile flower/lavender melatonin/tryptophan melatonin/tryptophan melatonin/tryptophan melatonin/tryptophan melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6 melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6 Toprophan meprobamate meprobamate midazolam HCl midazolam oxazepam oxazepam pentobarbital sodium pentobarbital sodium pentobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium in 0.9 % sodium chloride quazepam quazepam quazepam ramelteon ramelteon secobarbital sodium suvorexant Belsomra		melatonin-theanine
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melatonin/tryptophanWrestonemelatonin/tryptophan/valerian/chamomile/niacin/inositol/B6Toprophanmeprobamatemeprobamatemidazolam HClmidazolamoxazepamoxazepampentobarbital sodiumNembutal Sodiumpentobarbital sodiumpentobarbital sodiumphenobarbitalphenobarbitalphenobarbital sodiumphenobarbital sodiumphenobarbital sodium in 0.9 % sodium chloridephenobarbital in 0.9 % sod chlquazepamDoralquazepamquazepamramelteonRozeremramelteonramelteonsecobarbital sodiumSeconal SodiumsuvorexantBelsomra	melatonin/theanine/lemon balm/chamomile flower/lavender	Sleep Calm
melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6  meprobamate meprobamate midazolam HCl midazolam oxazepam oxazepam pentobarbital sodium pentobarbital sodium pentobarbital sodium phenobarbital in 0.9 % sod chl quazepam quazepam Rozerem ramelteon secobarbital sodium suvorexant Belsomra	melatonin/tryptophan	Restone
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midazolam HCl midazolam oxazepam oxazepam pentobarbital sodium Nembutal Sodium pentobarbital sodium pentobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium in 0.9 % sodium chloride phenobarbital in 0.9 % sod chl quazepam poral quazepam quazepam ramelteon Rozerem ramelteon ramelteon secobarbital sodium suvorexant Seconal Sodium Belsomra	melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6	Toprophan
oxazepam pentobarbital sodium pentobarbital sodium pentobarbital sodium phenobarbital phenobarbital phenobarbital sodium phenobarbital in 0.9 % sod chl quazepam quazepam quazepam ramelteon ramelteon secobarbital sodium suvorexant  Oxazepam phenobarbital sodium phenobarbital in 0.9 % sod chl phenobarbital sodium phen	meprobamate	meprobamate
pentobarbital sodium pentobarbital sodium phenobarbital phenobarbital phenobarbital sodium phenobarbital in 0.9 % sod chl quazepam quazepam quazepam ramelteon ramelteon secobarbital sodium suvorexant  Nembutal Sodium phenobarbital sodium phenobarbital sodium phenobarbital in 0.9 % sod chl phenobarbital sodium phenobarbital sodi	midazolam HCl	midazolam
pentobarbital sodium phenobarbital phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium in 0.9 % sodium chloride phenobarbital in 0.9 % sod chl quazepam quazepam quazepam ramelteon ramelteon secobarbital sodium suvorexant pentobarbital sodium phenobarbital sodium phenobarbital in 0.9 % sod chl phenobarbital in 0.9 % so	oxazepam	oxazepam
phenobarbital phenobarbital phenobarbital phenobarbital sodium phenobarbital sodium phenobarbital sodium phenobarbital sodium in 0.9 % sodium chloride phenobarbital in 0.9 % sod chl quazepam poral quazepam quazepam quazepam ramelteon Rozerem ramelteon ramelteon secobarbital sodium Seconal Sodium suvorexant Belsomra	pentobarbital sodium	
phenobarbital sodium phenobarbital sodium in 0.9 % sodium chloride quazepam quazepam quazepam ramelteon ramelteon secobarbital sodium suvorexant phenobarbital sodium phenobarbital in 0.9 % sod chl quazepam quazepam quazepam succeptam	·	pentobarbital sodium
phenobarbital sodium in 0.9 % sodium chloride quazepam quazepam quazepam quazepam ramelteon ramelteon secobarbital sodium suvorexant phenobarbital in 0.9 % sod chl quazepam quazepam Rozerem ramelteon Seconal Sodium Belsomra	phenobarbital	•
quazepam Doral quazepam quazepam ramelteon Rozerem ramelteon ramelteon secobarbital sodium suvorexant Seconal Sodium Belsomra	phenobarbital sodium	•
quazepam quazepam ramelteon Rozerem ramelteon ramelteon secobarbital sodium suvorexant Seconal Sodium Belsomra	phenobarbital sodium in 0.9 % sodium chloride	phenobarbital in 0.9 % sod chl
ramelteon Rozerem ramelteon ramelteon secobarbital sodium suvorexant Seconal Sodium Belsomra	quazepam	Doral
ramelteon ramelteon secobarbital sodium suvorexant Seconal Sodium Belsomra	quazepam	quazepam
secobarbital sodium suvorexant Seconal Sodium Belsomra	ramelteon	Rozerem
suvorexant Belsomra		
	secobarbital sodium	Seconal Sodium
tasimelteon Hetlioz	suvorexant	Belsomra
	tasimelteon	Hetlioz

Page 151 of 390  $cder\_mpl1p\_wp085$ 



Appendix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request	
Generic Name	Brand Name
tasimelteon	Hetlioz LQ
tasimelteon	tasimelteon
temazepam	Restoril
temazepam	temazepam
triazolam	Halcion
triazolam	triazolam
tryptophan	tryptophan
valerian root extract	valerian root extract
valerian root extract/hops	valerian root extract-hops
valerian root/valerian root extract	valerian root-valerian root xt
valerian rt/passion flower/hops/cherry/magnesium comb/potass	SynovX Calm
valerian/passion flower/hops/lemon balm	valerian-flower-hops-lemon
vit B/folic acid/calcium/soy xt/black cohosh xt/melatonin	Complete Balance Menopause Rlf
zaleplon	Sonata
zaleplon	zaleplon
zolpidem tartrate	Ambien
zolpidem tartrate	Ambien CR
zolpidem tartrate	Edluar
zolpidem tartrate	Intermezzo
zolpidem tartrate	Zolpimist
zolpidem tartrate	zolpidem
Antipsychotic Medic	cation
aripiprazole	Abilify
aripiprazole	Abilify Asimtufii
aripiprazole	Abilify Maintena
aripiprazole	Abilify MyCite
aripiprazole	Abilify MyCite Maintenance Kit
aripiprazole	Abilify MyCite Starter Kit
aripiprazole	aripiprazole
aripiprazole lauroxil	Aristada
aripiprazole lauroxil, submicronized	Aristada Initio
asenapine	Secuado
asenapine maleate	Saphris
asenapine maleate	asenapine maleate
brexpiprazole	Rexulti
cariprazine HCl	Vraylar
chlorpromazine HCl	chlorpromazine
clozapine	Clozaril
clozapine	FazaClo
clozapine	Versacloz
clozapine	clozapine
fluphenazine HCl	fluphenazine HCl
fluphenazine decanoate	fluphenazine decanoate
haloperidol	haloperidol
haloperidol decanoate	Haldol Decanoate
haloperidol decanoate	haloperidol decanoate
haloperidol lactate	Haldol
haloperidol lactate	haloperidol lactate

Page 152 of 390  $cder\_mpl1p\_wp085$ 



Appendix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request	
Generic Name	Brand Name
iloperidone	Fanapt
loxapine	Adasuve
loxapine succinate	loxapine succinate
lumateperone tosylate	Caplyta
lurasidone HCl	Latuda
lurasidone HCl	lurasidone
molindone HCl	molindone
olanzapine	Zyprexa
olanzapine	Zyprexa Zydis
olanzapine	olanzapine
olanzapine pamoate	Zyprexa Relprevv
olanzapine/fluoxetine HCl	Symbyax
olanzapine/fluoxetine HCl	olanzapine-fluoxetine
olanzapine/samidorphan malate	Lybalvi
paliperidone	Invega
paliperidone	paliperidone
paliperidone palmitate	Invega Hafyera
paliperidone palmitate	Invega Sustenna
paliperidone palmitate	Invega Trinza
perphenazine	perphenazine
perphenazine/amitriptyline HCl	perphenazine-amitriptyline
pimavanserin tartrate	Nuplazid
pimozide	Orap
pimozide	pimozide
prochlorperazine maleate	Compazine
prochlorperazine maleate	prochlorperazine maleate
quetiapine fumarate	Seroquel
quetiapine fumarate	Seroquel XR
quetiapine fumarate	quetiapine
risperidone	Perseris
risperidone	Risperdal
risperidone	Risperdal M-TAB
risperidone	Uzedy
risperidone	risperidone
risperidone microspheres	Risperdal Consta
risperidone microspheres	Rykindo
thioridazine HCl	thioridazine
thiothixene	thiothixene
trifluoperazine HCl	trifluoperazine
ziprasidone HCl	Geodon
ziprasidone HCl	ziprasidone HCl
ziprasidone mesylate	Geodon
ziprasidone mesylate	ziprasidone mesylate
	tabilizers
carbamazepine	Carbatrol
carbamazepine	Epitol
carbamazepine	·
·	Equetro
carbamazepine	Tegretol

cder\_mpl1p\_wp085 Page 153 of 390



Generic Name	Brand Name
carbamazepine	Tegretol XR
carbamazepine	carbamazepine
divalproex sodium	Depakote
divalproex sodium	Depakote ER
divalproex sodium	Depakote Sprinkles
divalproex sodium	divalproex
lamotrigine	Lamictal
lamotrigine	Lamictal ODT
lamotrigine	Lamictal ODT Starter (Blue)
lamotrigine	Lamictal ODT Starter (Green)
lamotrigine	Lamictal ODT Starter (Orange)
lamotrigine	Lamictal Starter (Blue) Kit
lamotrigine	Lamictal Starter (Green) Kit
lamotrigine	Lamictal Starter (Orange) Kit
lamotrigine	Lamictal XR
lamotrigine	Lamictal XR Starter (Blue)
lamotrigine	Lamictal XR Starter (Green)
lamotrigine	Lamictal XR Starter (Orange)
lamotrigine	Subvenite
lamotrigine	Subvenite Starter (Blue) Kit
lamotrigine	Subvenite Starter (Green) Kit
lamotrigine	Subvenite Starter (Orange) Kit
lamotrigine	lamotrigine
lithium carbonate	Lithobid
lithium carbonate	lithium carbonate
lithium citrate	lithium citrate
oxcarbazepine	Oxtellar XR
oxcarbazepine	Trileptal
oxcarbazepine	oxcarbazepine
·	Related Disorders
Belbuca	buprenorphine HCl
Brixadi	buprenorphine
Buprenex	buprenorphine HCl
Butrans	buprenorphine
buprenorphine	 Brixadi
buprenorphine	Sublocade
buprenorphine	buprenorphine
buprenorphine HCl	buprenorphine HCl
buprenorphine HCl/naloxone HCl	Suboxone
buprenorphine HCl/naloxone HCl	Zubsolv
buprenorphine HCI/naloxone HCI	buprenorphine-naloxone
buprenorphine-naloxone	buprenorphine HCl/naloxone HCl
	ted Disorders
Belbuca	buprenorphine HCl
Brixadi	buprenorphine
Buprenex	buprenorphine HCl
Butrans	buprenorphine
buprenorphine	Brixadi

cder\_mpl1p\_wp085 Page 154 of 390



pendix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request	
Generic Name	Brand Name
buprenorphine	Sublocade
buprenorphine	buprenorphine
buprenorphine HCl	buprenorphine HCl
buprenorphine HCl/naloxone HCl	Suboxone
buprenorphine HCI/naloxone HCI	Zubsolv
buprenorphine HCI/naloxone HCI	buprenorphine-naloxone
buprenorphine-naloxone	buprenorphine HCI/naloxone HCI
Amphetamine Single-entity Produ	ucts Immediate Release
amphetamine sulfate	Evekeo
amphetamine sulfate	Evekeo ODT
amphetamine sulfate	amphetamine sulfate
Amphetamine Single-entity Products	Extended Release Oral Solid
amphetamine	Adzenys XR-ODT
amphetamine	Dyanavel XR
Amphetamine Single-entity Products E	Extended Release Oral Liquid
amphetamine	Adzenys ER
amphetamine	Dyanavel XR
amphetamine	amphetamine
Dextroamphetamine Single-entity Pr	oducts Immediate Release
dextroamphetamine sulfate	Dexedrine
dextroamphetamine sulfate	ProCentra
dextroamphetamine sulfate	Zenzedi
dextroamphetamine sulfate	dextroamphetamine sulfate
Dextroamphetamine Single-entity P	roducts Extended Release
dextroamphetamine	Xelstrym
dextroamphetamine sulfate	Dexedrine Spansule
dextroamphetamine sulfate	dextroamphetamine sulfate
Amphetamine/Dextroamphetamine Combin	ation Products Immediate Release
dextroamphetamine sulf-saccharate/amphetamine sulf-	Adderall
dextroamphetamine sulf-saccharate/amphetamine sulf-	dextroamphetamine-amphetamine
Amphetamine/Dextroamphetamine Combi	nation Products Extended Release
dextroamphetamine sulf-saccharate/amphetamine sulf-	Adderall XR
dextroamphetamine sulf-saccharate/amphetamine sulf-	Mydayis
dextroamphetamine sulf-saccharate/amphetamine sulf-	dextroamphetamine-amphetamine

cder\_mpl1p\_wp085 Page 155 of 390



Generic Name	Brand Name
Lisdexamfetamine Exter	nded Release
lisdexamfetamine dimesylate	Vyvanse
lisdexamfetamine dimesylate	lisdexamfetamine
Methamphetamine Single-entity Pro	ducts Immediate Release
methamphetamine HCl	Desoxyn
methamphetamine HCl	methamphetamine
Methylphenidate Single-entity Proc	lucts Immediate Release
methylphenidate HCl	Methylin
methylphenidate HCl	Ritalin
methylphenidate HCl	methylphenidate HCl
Methylphenidate Single-entity Products	Extended Release Oral Solid
methylphenidate	Cotempla XR-ODT
methylphenidate HCl	Adhansia XR
methylphenidate HCl	Aptensio XR
methylphenidate HCl	Concerta
methylphenidate HCl	Jornay PM
methylphenidate HCl	Metadate CD
methylphenidate HCl	Metadate ER
methylphenidate HCl	QuilliChew ER
methylphenidate HCl	Relexxii
methylphenidate HCl	Ritalin LA
methylphenidate HCl	methylphenidate HCl
Methylphenidate Single-entity Products	• • •
methylphenidate HCl	Quillivant XR
Methylphenidate Single-entity Products Exte	· · · · · · · · · · · · · · · · · · ·
methylphenidate	Daytrana
methylphenidate	, methylphenidate
Dexmethylphenidate Single-entity Pro	
dexmethylphenidate HCl	Focalin
dexmethylphenidate HCl	dexmethylphenidate
Dexmethylphenidate Single-entity P	
dexmethylphenidate HCl	Focalin XR
dexmethylphenidate HCl	dexmethylphenidate
Dexmethylphenidate/Serdexmethylph	
dexmethylphenidate chloride/dexmethylphenidate HCl	Azstarys
Any ADHD Stimulant API Im	·
amphetamine sulfate	Evekeo
amphetamine sulfate	Evekeo ODT
amphetamine sulfate	amphetamine sulfate
dexmethylphenidate HCl	Focalin
dexmethylphenidate HCl	dexmethylphenidate
extroamphetamine sulf-saccharate/amphetamine sulf-	Adderall
extroamphetamine sulf-saccharate/amphetamine sulf-	dextroamphetamine-amphetamine
dextroamphetamine sulfate	Dexedrine
dextroamphetamine sulfate	ProCentra
dextroamphetamine sulfate	Zenzedi
•	
dextroamphetamine sulfate	dextroamphetamine sulfate

cder\_mpl1p\_wp085 Page 156 of 390



ppendix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request		
Generic Name	Brand Name	
methamphetamine HCl	methamphetamine	
methylphenidate HCl	Methylin	
methylphenidate HCl	Ritalin	
methylphenidate HCl	methylphenidate HCl	
serdexmethylphenidate chloride/dexmethylphenidate HCl	Azstarys	
Any ADHD Stimulant API E	xtended Release	
amphetamine	Adzenys ER	
amphetamine	Adzenys XR-ODT	
amphetamine	Dyanavel XR	
amphetamine	amphetamine	
dexmethylphenidate HCl	Focalin XR	
dexmethylphenidate HCl	dexmethylphenidate	
dextroamphetamine	Xelstrym	
dextroamphetamine sulf-saccharate/amphetamine sulf-	Adderall XR	
dextroamphetamine sulf-saccharate/amphetamine sulf-	Mydayis	
dextroamphetamine sulf-saccharate/amphetamine sulf-	dextroamphetamine-amphetamine	
dextroamphetamine sulfate	Dexedrine Spansule	
dextroamphetamine sulfate	dextroamphetamine sulfate	
lisdexamfetamine dimesylate	Vyvanse	
lisdexamfetamine dimesylate	lisdexamfetamine	
methylphenidate	Cotempla XR-ODT	
methylphenidate	Daytrana	
methylphenidate	methylphenidate	
methylphenidate HCl	Adhansia XR	
methylphenidate HCl	Aptensio XR	
methylphenidate HCl	Concerta	
methylphenidate HCl	Jornay PM	
methylphenidate HCl	Metadate CD	
methylphenidate HCl	Metadate ER	
methylphenidate HCl	QuilliChew ER	
methylphenidate HCl	Quillivant XR	
methylphenidate HCl	Relexxii	
methylphenidate HCl	Ritalin LA	
methylphenidate HCl	methylphenidate HCl	
Atomoexetine Immed		
atomoxetine HCl	Strattera	
atomoxetine HCl	atomoxetine	
Guanfacine Extended Release		
guanfacine HCl	Intuniv ER	
guanfacine HCl	guanfacine	
Viloxazine Extende		
viloxazine HCl	Qelbree	

Page 157 of 390  $cder\_mpl1p\_wp085$ 



opendix D. List of Generic and Brand Names of Medical Products Us Generic Name	Sed to Define Covariates in this Request  Brand Name
Clonidine Extende	
clonidine	
clonidine	Catapres TIS 3
	Catagres-TTS-2
clonidine	Catapres-TTS-3
clonidine	clonidine
clonidine HCl	Kapvay
clonidine HCl	Nexiclon XR
clonidine HCl	clonidine HCl
Any ADHD Non-Stimulant AF	
clonidine	Catapres-TTS-1
clonidine	Catapres-TTS-2
clonidine	Catapres-TTS-3
clonidine	clonidine
clonidine HCl	Kapvay
clonidine HCl	Nexiclon XR
clonidine HCl	clonidine HCl
guanfacine HCl	Intuniv ER
guanfacine HCl	guanfacine
viloxazine HCl	Qelbree
Codeine	
codeine sulfate	codeine sulfate
Fentanyl	
fentanyl	Duragesic
fentanyl	Subsys
fentanyl	fentanyl
fentanyl HCl	lonsys
fentanyl citrate	Abstral
fentanyl citrate	Actiq
fentanyl citrate	Fentora
fentanyl citrate	Lazanda
fentanyl citrate	fentanyl citrate
fentanyl citrate in 0.9 % sodium chloride/PF	fentanyl citrate (PF)-0.9%NaCl
fentanyl citrate in dextrose 5% in water/PF	fentanyl citrate in D5W (PF)
fentanyl citrate/PF	fentanyl citrate (PF)
fentanyl citrate/bupivacaine HCl in 0.9 % sodium chloride/PF	fentanyl (PF)-bupivacaine-NaCl
fentanyl citrate/ropivacaine HCl/sodium chloride 0.9%/PF	fentanyl-ropivacaine-NaCl (PF)
Hydrocodone	
benzhydrocodone HCl/acetaminophen	Apadaz
benzhydrocodone HCl/acetaminophen	benzhydrocodone-acetaminophen

benzhydrocodone HCI/acetaminophen	Apadaz
benzhydrocodone HCI/acetaminophen	benzhydrocodone-acetaminophen
hydrocodone bitartrate	Hysingla ER
hydrocodone bitartrate	Zohydro ER
hydrocodone bitartrate	hydrocodone bitartrate
hydrocodone bitartrate/acetaminophen	Lorcet (hydrocodone)
hydrocodone bitartrate/acetaminophen	Lorcet HD
hydrocodone bitartrate/acetaminophen	Lorcet Plus
hydrocodone bitartrate/acetaminophen	Lortab 10-325
hydrocodone bitartrate/acetaminophen	Lortab 5-325
hydrocodone bitartrate/acetaminophen	Lortab 7.5-325

cder\_mpl1p\_wp085 Page 158 of 390



hydrocodone bitartrate/acetaminophen hydrocodone bitartrate/acetaminophen hydrocodone bitartrate/acetaminophen hydrocodone bitartrate/acetaminophen Vicodin hydrocodone bitartrate/acetaminophen Vicodin Bhydrocodone bitartrate/acetaminophen Vicodin HP hydrocodone bitartrate/acetaminophen Nodol 10/300 hydrocodone bitartrate/acetaminophen Nodol 15/300 hydrocodone bitartrate/acetaminophen Nodol 5/300 hydrocodone bitartrate/acetaminophen Nodol 7/300 hydrocodone bitartrate/acetaminophen Nodol 7/300 hydrocodone bitartrate/acetaminophen Nodol 7/300 hydrocodone bitartrate/acetaminophen Hydrocodone/bituprofen Hydrocodone/bituprofen Hydrocodone/bituprofen Nydrocodone/bituprofen Nydrocodone-bituprofen Nydrocodone-bituprofen Nydrocodone/bituprofen Nydrocodone-bituprofen Nydrocodone-bi	Appendix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request	
hydrocodone bitartrate/acetaminophen hydrocodone bitartrate/acetaminophen Vicodin ES hydrocodone bitartrate/acetaminophen Vicodin ES hydrocodone bitartrate/acetaminophen Vicodin HP hydrocodone bitartrate/acetaminophen Nodol 10/300 hydrocodone bitartrate/acetaminophen Nodol 10/300 hydrocodone bitartrate/acetaminophen Nodol 75/300 hydrocodone bitartrate/acetaminophen Nodol 75/300 hydrocodone bitartrate/acetaminophen Nydrocodone bitartrate/acetaminophen Nydrocodone bitartrate/acetaminophen Nydrocodone bitartrate/acetaminophen Nydrocodone/bluprofen Reprexain Nydrocodone/bluprofen Reprexain Nydrocodone/bluprofen HCI Nydromorphone HCI/PF Nyd	Generic Name	Brand Name
hydrocodone bitartrate/acetaminophen hydrocodone/buprofen hydrocodone/buprofen hydrocodone/buprofen hydrocodone/buprofen hydrocodone/buprofen hydrocodone/buprofen hydrocodone/buprofen hydrocodone/buprofen hydrocodone/buprofen hydromorphone HCI hydromorphone HCI hydromorphone HCI hydromorphone HCI hydromorphone HCI hydromorphone HCI in 0.9 % sodium chloride hydromorphone HCI in dextrose 5 %-water/PF hydromorphone HCI in sterile water/PF hydromorphone HCI in 0.9 % sodium chloride/PF hydromorphone HCI in Sterile water/PF hydromorphone HCI/PP morphine sulfate morphine sulfate morphine sulfate morphine sulfate porphine sulfate morphine sulfate (PF morphine sulfate)PF morphine sulfate (PF) morphine sulfat	hydrocodone bitartrate/acetaminophen	Lortab Elixir
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hydrocodone bitartrate/acetaminophen hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone/ibuprofen hydromorphone HCI hydromorphone HCI hydromorphone HCI hydromorphone HCI hydromorphone HCI hydromorphone HCI bydromorphone hydromorphone HCI hydromorphone hydromorphone HCI hydromorphone hydromorphone HCI in 0.9 % sodium chloride hydromorphone HCI in sexile water/PF hydromorphone HCI/PF morphine sulfate morphine sulfate morphine sulfate morphine sulfate PF morphine sulfate PF morphine sulfate PF morphine sulfate PF morphine sulfate	hydrocodone bitartrate/acetaminophen	Vicodin
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hydrocodone bitartrate/acetaminophen hydrocodone bitartrate/acetaminophen hydrocodone bitartrate/acetaminophen hydrocodone bitartrate/acetaminophen hydrocodone bitartrate/acetaminophen hydrocodone/biuprofen hydrocodone/biuprofen hydrocodone/biuprofen hydrocodone/biuprofen hydrocodone/biuprofen hydrocodone/biuprofen hydrocodone/biuprofen hydrocodone/biuprofen hydrocodone/biuprofen hydromorphone HCI in 0.9 % sodium chloride/PF hydromorphone HCI in sexies S-w-water/PF morphine sulfate morphine sulfate morphine sulfate morphine sulfate morphine sulfate morphine sulfate in 0.9 % sodium chloride morphine sulfate in su	hydrocodone bitartrate/acetaminophen	Vicodin HP
hydrocodone bitartrate/acetaminophen	hydrocodone bitartrate/acetaminophen	Xodol 10/300
hydrocodone bitartrate/acetaminophen hydrocodone bitartrate/acetaminophen hydrocodone/ibuprofen hydromorphone    Hydromorphone   Dilaudid   Hydromorphone HCI   Dilaudid   Hydromorphone HCI   Exalgo ER   Hydromorphone HCI   Hydro	hydrocodone bitartrate/acetaminophen	Xodol 5/300
hydrocodone bitartrate/acetaminophen hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone-ibuprofen hydrocodone-ibuprofen hydrocodone-ibuprofen hydrocodone-ibuprofen hydromorphone  Thydromorphone HCI hydromorphone HCI hydromorphone HCI hydromorphone HCI in 0.9 % sodium chloride hydromorphone HCI in 0.9 % sodium chloride/PF hydromorphone HCI in o.9 % sodium chloride/PF hydromorphone HCI in sodium chloride, iso-osmotic/PF hydromorphone HCI/PF morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride morphine sulfate/PF morphine in dextrose 5 % in water morphine in dextrose 5	hydrocodone bitartrate/acetaminophen	Xodol 7.5/300
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hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone/ibuprofen hydrocodone-ibuprofen hydrocodone-ibuprofen hydrocodone-ibuprofen hydrocodone-ibuprofen hydromorphone HCI hydromorphone HCI Exalgo ER hydromorphone HCI hydromorphone HCI hydromorphone HCI hydromorphone HCI hydromorphone HCI hydromorphone HCI in 0.9 % sodium chloride hydromorphone HCI in 0.9 % sodium chloride/PF hydromorphone HCI in 0.9 % sodium chloride/PF hydromorphone HCI in sodium chloride, iso-osmotic/PF hydromorphone HCI in sodium chloride, iso-osmotic/PF hydromorphone HCI in sodium chloride, iso-osmotic/PF hydromorphone HCI in sterile water/PF hydromorphone HCI in sterile water/PF Dilaudid (PF) Dilaudid (PF) hydromorphone HCI/PF Dilaudid (PF) Dilaudid (PF) hydromorphone HCI/PF hydrom	hydrocodone bitartrate/acetaminophen	hydrocodone-acetaminophen
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hydromorphone HCI Dilaudid hydromorphone HCI Exalgo ER hydromorphone HCI hydromorphone hydromorphone HCI hydromorphone hydromorphone HCI in 0.9 % sodium chloride hydromorphone HCI in 0.9 % sodium chloride hydromorphone HCI in 0.9 % sodium chloride/PF hydromorphone in 0.9 % NaCI hydromorphone HCI in dextrose 5 %-water/PF hydromorphone (PF)-0.9 % NaCI hydromorphone HCI in sodium chloride, iso-osmotic/PF hydromorphone (PF) in water hydromorphone HCI in sterile water/PF hydromorphone (PF) in water hydromorphone HCI/PF hydromorphone (PF) in water hydromorphone HCI/PF Dilaudid (PF) hydromorphone HCI/PF Dilaudid-HP (PF) hydromorphone HCI/PF hydromorphone (PF)-NaCI hydromorphone HCI/PF hydromorphone HCI/PF) hydromorphone HCI/PF hydromorphone HCI/PF) morphine sulfate Arymo ER  Morphine morphine sulfate Arymo ER  Kadian morphine sulfate MS Contin morphine sulfate MS Contin morphine sulfate in 0.9 % sodium chloride  morphine sulfate in 0.9 % sodium chloride/PF morphine (PF) in 0.9 % sod chl morphine sulfate/PF morphine sulfate/DFF morphine sulfate/DF	hydrocodone/ibuprofen	Xylon 10
hydromorphone HCl hydromorphone HCl hydromorphone HCl hydromorphone HCl in 0.9 % sodium chloride hydromorphone HCl in 0.9 % sodium chloride/PF hydromorphone HCl in 0.9 % sodium chloride/PF hydromorphone HCl in 0.9 % sodium chloride/PF hydromorphone HCl in dextrose 5 %-water/PF hydromorphone HCl in dextrose 5 %-water/PF hydromorphone HCl in sodium chloride, iso-osmotic/PF hydromorphone HCl in sterile water/PF hydromorphone HCl/PF morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/DF	hydrocodone/ibuprofen	hydrocodone-ibuprofen
hydromorphone HCl hydromorphone HCl hydromorphone HCl in 0.9 % sodium chloride hydromorphone HCl in 0.9 % sodium chloride/PF hydromorphone HCl in 0.9 % sodium chloride/PF hydromorphone HCl in 6.9 % sodium chloride/PF hydromorphone HCl in 6.9 % sodium chloride/PF hydromorphone HCl in dextrose 5 %-water/PF hydromorphone HCl in sodium chloride, iso-osmotic/PF hydromorphone HCl in sterile water/PF hydromorphone HCl in sterile water/PF hydromorphone HCl/PF hydromorphone HCl/PF Dilaudid (PF) hydromorphone HCl/PF hydromorphone HCl/pp; hydromorphone (PF) hydromorphone	Hydromorpho	one
hydromorphone HCl in 0.9 % sodium chloride hydromorphone HCl in 0.9 % sodium chloride/PF hydromorphone HCl in 0.9 % sodium chloride/PF hydromorphone HCl in 0.9 % sodium chloride/PF hydromorphone HCl in dextrose 5 %-water/PF hydromorphone HCl in sodium chloride, iso-osmotic/PF hydromorphone HCl in sterile water/PF hydromorphone HCl in sterile water/PF hydromorphone HCl/PF morphine sulfate morphine sulfate Morphine morphine sulfate MorphaBond ER morphine morphine sulfate morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF morphine sulfa	hydromorphone HCl	Dilaudid
hydromorphone HCl in 0.9 % sodium chloride hydromorphone HCl in 0.9 % sodium chloride/PF hydromorphone HCl in 0.9 % sodium chloride/PF hydromorphone HCl in dextrose 5 %-water/PF hydromorphone HCl in sodium chloride, iso-osmotic/PF hydromorphone HCl in sterile water/PF hydromorphone HCl in sterile water/PF hydromorphone HCl in sterile water/PF hydromorphone HCl/PF morphine sulfate  Morphine  Arymo ER Kadian MorphaBond ER morphine sulfate MorphaBond ER morphine sulfate morphine sulfate morphine sulfate morphine sulfate morphine sulfate in 0.9 % sodium chloride morphine in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF morphine in dextrose 5 % in water morphine (PF) in dextrose 5 % morphine (PF) in dextrose 5 %	hydromorphone HCl	Exalgo ER
hydromorphone HCl in 0.9 % sodium chloride/PF hydromorphone HCl in dextrose 5 %-water/PF hydromorphone HCl in sodium chloride, iso-osmotic/PF hydromorphone HCl in sodium chloride, iso-osmotic/PF hydromorphone HCl in sterile water/PF hydromorphone HCl in sterile water/PF hydromorphone (PF) in water hydromorphone HCl/PF hydromorphone HCl/PF Dilaudid (PF) hydromorphone HCl/PF hydromorphone HCl/PF hydromorphone HCl/PF hydromorphone HCl/PF hydromorphone HCl/PF hydromorphone HCl/In 0.9% sodium hydromorphone HCl/PF hydromorphone bupix (PF)-NaCl hydromorphone-bupix (PF)-NaCl hydromorphone-	hydromorphone HCl	hydromorphone
hydromorphone HCl in dextrose 5 %-water/PF hydromorphone HCl in sodium chloride, iso-osmotic/PF hydromorphone HCl in sterile water/PF hydromorphone HCl in sterile water/PF hydromorphone HCl/PF hydromorphone-bupiv (PF)-NaCl hydromorphone HCl/ropivacaine HCl in 0.9% sodium hydromorphone-bupiv (PF)-NaCl hydromorphone (PF) morphine sulfate  Morphane-bupiv (PF)-NaCl hydromorphone (PF) morphine sulfate  Morphane-bupiv (PF)-NaCl hydromorphone (PF) morphine sulfate (PF) morphine sulfate (PF) morphine sulfate (PF) morphine sulfate/PF morphine sulfate/PF morphine sulfate/dextrose 5 % in water	hydromorphone HCl in 0.9 % sodium chloride	hydromorphone in 0.9 % NaCl
hydromorphone HCl in sodium chloride, iso-osmotic/PF hydromorphone HCl in sterile water/PF hydromorphone HCl/PF hydromorphone HCl/bupivacaine HCl in 0.9% sodium hydromorphone-bupiv (PF)-NaCl hydromorphone-bu	hydromorphone HCl in 0.9 % sodium chloride/PF	hydromorphone (PF)-0.9 % NaCl
hydromorphone HCl in sterile water/PF hydromorphone HCl/PF hydromorphone HCl/popivacaine HCl in 0.9% sodium hydromorphone-bupiv (PF)-NaCl hydromorphone HCl/ropivacaine in 0.9 % sodium chloride/PF  Morphine  morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF morphin	hydromorphone HCl in dextrose 5 %-water/PF	hydromorphone in D5W (PF)
hydromorphone HCl/PF hydromorphone HCl/PF hydromorphone HCl/PF hydromorphone HCl/PF hydromorphone HCl/PF hydromorphone HCl/PF hydromorphone HCl/IPF hydromorphone HCl/PF hydromorphone HCl/IPF hydromorphine sulfate Morphine Morphine Sulfate in 0.9 % sodium chloride morphine Sulfate in 0.9 % sodium chloride/PF morphine Sulfate in 0.9 % sodium chloride/PF Morphine Sulfate in Duramorph (PF) morphine Sulfate in Duramorph (PF) morphine Sulfate in Mitigo (PF) morphine Sulfate in Morp	hydromorphone HCl in sodium chloride, iso-osmotic/PF	hydromorphone(PF)-NaCl,iso-osm
hydromorphone HCI/PF hydromorphone HCI/PF hydromorphone HCI/PF hydromorphone HCI/bupivacaine HCI in 0.9% sodium hydromorphone-bupiv (PF)-NaCI hydromorphine sulfate  Morphine  Morphine Sulfate Morphine sulfate morphine sulfate morphine sulfate morphine sulfate in 0.9% sodium chloride morphine sulfate in 0.9% sodium chloride/PF morphine sulfate in 0.9% sodium chloride/PF morphine sulfate/PF morphine sulfa	hydromorphone HCl in sterile water/PF	hydromorphone (PF) in water
hydromorphone HCl/PF hydromorphone HCl/bupivacaine HCl in 0.9% sodium hydromorphone HCl/ropivacaine in 0.9% sodium chloride/PF  Morphine  Morphine  morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF morph	hydromorphone HCl/PF	Dilaudid (PF)
hydromorphone HCl/bupivacaine HCl in 0.9% sodium hydromorphone-bupiv (PF)-NaCl hydromorphone HCl/ropivacaine in 0.9 % sodium chloride/PF  Morphine  morphine sulfate Arymo ER morphine sulfate Kadian morphine sulfate MS Contin morphine sulfate MorphaBond ER morphine sulfate morphine morphine sulfate morphine morphine sulfate morphine morphine sulfate morphine concentrate morphine sulfate morphine in 0.9 % sodium chloride morphine in 0.9 % sodium chlor morphine sulfate in 0.9 % sodium chloride/PF morphine (PF) in 0.9 % sod chl morphine sulfate/PF Duramorph (PF) morphine sulfate/PF Mitigo (PF) morphine sulfate/PF Mitigo (PF) morphine sulfate/PF morphine in dextrose 5 % morphine sulfate/dextrose 5 % in water morphine (PF) in dextrose 5 % morphine sulfate/dextrose 5 %-water/PF morphine (PF) in dextrose 5 %	hydromorphone HCl/PF	Dilaudid-HP (PF)
hydromorphone HCl/ropivacaine in 0.9 % sodium chloride/PF  Morphine  Morphine  Morphine  Morphine sulfate  morphine sulfate in 0.9 % sodium chloride  morphine sulfate in 0.9 % sodium chloride/PF  morphine sulfate/PF  morphine su	hydromorphone HCI/PF	hydromorphone (PF)
Morphine  morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF morphine sulfate/Dextrose 5 % in water morphine (PF) in dextrose 5 % morphine (PF) in dextrose 5 %	hydromorphone HCl/bupivacaine HCl in 0.9% sodium	hydromorphone-bupiv (PF)-NaCl
morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF morphine (PF) in dextrose 5 %		
morphine sulfate MS Contin  morphine sulfate MS Contin  morphine sulfate MorphaBond ER  morphine sulfate morphine  morphine sulfate morphine concentrate  morphine sulfate in 0.9 % sodium chloride morphine in 0.9 % sodium chlor  morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF Duramorph (PF)  morphine sulfate/PF Duramorph (PF)  morphine sulfate/PF Mitigo (PF)  morphine sulfate/PF morphine (PF)  morphine sulfate/dextrose 5 % in water morphine (PF) in dextrose 5 %  morphine sulfate/dextrose 5 %-water/PF morphine (PF) in dextrose 5 %	Morphine	
morphine sulfate MS Contin morphine sulfate MorphaBond ER morphine sulfate morphine morphine sulfate morphine concentrate morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF Duramorph (PF) morphine sulfate/PF Duramorph (PF) morphine sulfate/PF Infumorph P/F morphine sulfate/PF Mitigo (PF) morphine sulfate/PF morphine sulfate/DF morphine sulfate/PF m	·	Arymo ER
morphine sulfate morphine sulfate morphine sulfate morphine sulfate morphine sulfate morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF morphine sulfate/dextrose 5 % in water morphine sulfate/dextrose 5 % morphine (PF) in dextrose 5 %	morphine sulfate	Kadian
morphine sulfate morphine concentrate morphine sulfate in 0.9 % sodium chloride morphine in 0.9 % sodium chlor morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF Duramorph (PF) morphine sulfate/PF Infumorph P/F morphine sulfate/PF Mitigo (PF) morphine sulfate/PF morphine sulfate/Dextrose 5 % in water morphine (PF) in dextrose 5 % morphine sulfate/dextrose 5 %-water/PF morphine (PF) in dextrose 5 %	morphine sulfate	MS Contin
morphine sulfate morphine concentrate morphine sulfate in 0.9 % sodium chloride morphine in 0.9 % sodium chlor morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF Duramorph (PF) morphine sulfate/PF Infumorph P/F morphine sulfate/PF Mitigo (PF) morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/dextrose 5 % in water morphine (PF) in dextrose 5 % morphine sulfate/dextrose 5 %-water/PF morphine (PF) in dextrose 5 %	morphine sulfate	MorphaBond ER
morphine sulfate in 0.9 % sodium chloride morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF morphine sulfate/dextrose 5 % in water morphine sulfate/dextrose 5 % morphine (PF) in dextrose 5 % morphine sulfate/dextrose 5 %	morphine sulfate	morphine
morphine sulfate in 0.9 % sodium chloride/PF morphine sulfate/PF morphine sulfate/dextrose 5 % in water morphine sulfate/dextrose 5 %-water/PF morphine sulfate/dextrose 5 % morphine (PF) in 0.9 % sod chl Duramorph (PF) Infumorph P/F Mitigo (PF) morphine (PF) morphine in dextrose 5 % morphine (PF) in dextrose 5 %	morphine sulfate	morphine concentrate
morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/dextrose 5 % in water morphine sulfate/dextrose 5 % morphine (PF) in dextrose 5 % morphine sulfate/dextrose 5 %	morphine sulfate in 0.9 % sodium chloride	morphine in 0.9 % sodium chlor
morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/dextrose 5 % in water morphine sulfate/dextrose 5%-water/PF  Infumorph P/F Mitigo (PF) morphine (PF) morphine in dextrose 5 % morphine (PF) in dextrose 5 %	morphine sulfate in 0.9 % sodium chloride/PF	morphine (PF) in 0.9 % sod chl
morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/PF morphine sulfate/dextrose 5 % in water morphine sulfate/dextrose 5%-water/PF morphine sulfate/dextrose 5 % morphine sulfate/dextrose 5%-water/PF Infumorph P/F morphine (PF) morphine (PF) morphine (PF) in dextrose 5 %	morphine sulfate/PF	Duramorph (PF)
morphine sulfate/PF morphine sulfate/PF morphine sulfate/dextrose 5 % in water morphine sulfate/dextrose 5%-water/PF morphine sulfate/dextrose 5%-water/PF Mitigo (PF) morphine (PF) morphine in dextrose 5 % morphine (PF) in dextrose 5 %	·	
morphine sulfate/PF morphine (PF) morphine sulfate/dextrose 5 % in water morphine in dextrose 5 % morphine sulfate/dextrose 5%-water/PF morphine (PF) in dextrose 5 %	•	·
morphine sulfate/dextrose 5 % in water morphine in dextrose 5 % morphine sulfate/dextrose 5%-water/PF morphine (PF) in dextrose 5 %	•	<u> </u>
morphine sulfate/dextrose 5%-water/PF morphine (PF) in dextrose 5 %	•	,
	·	·
	•	

cder\_mpl1p\_wp085 Page 159 of 390



Generic Name	Brand Name
Oxycodone	
ibuprofen/oxycodone HCl	ibuprofen-oxycodone
oxycodone HCl	Oxaydo
oxycodone HCl	OxyContin
oxycodone HCl	Roxicodone
oxycodone HCl	RoxyBond
oxycodone HCl	oxycodone
oxycodone HCl/acetaminophen	Endocet
oxycodone HCl/acetaminophen	Nalocet
oxycodone HCl/acetaminophen	Percocet
oxycodone HCl/acetaminophen	Primlev
oxycodone HCl/acetaminophen	Prolate
oxycodone HCl/acetaminophen	Xartemis XR
oxycodone HCI/acetaminophen	oxycodone-acetaminophen
oxycodone HCl/aspirin	oxycodone-aspirin
oxycodone myristate	Xtampza ER
Oxymorphone	
oxymorphone HCl	Opana
oxymorphone HCl	Opana ER
oxymorphone HCl	oxymorphone
Other C-II Opioid Ana	
levorphanol tartrate	levorphanol tartrate
meperidine HCl	Demerol
meperidine HCl	meperidine
meperidine HCl in 0.9 % sodium chloride	meperidine in 0.9 % NaCl
meperidine HCl in 0.9 % sodium chloride/PF	meperidine (PF) in 0.9 % NaCl
meperidine HCI/PF	Demerol (PF)
•	
meperidine HCI/PF methadone HCI	meperidine (PF) Diskets
methadone HCl	Dolophine
methadone HCl	Methadone Intensol
methadone HCl	Methadose
methadone HCl	methadone
methadone hydrochloride in 0.9 % sodium chloride	methadone in 0.9 % sod.chlorid
oliceridine fumarate	Olinvyk
ufentanil citrate/bupivacaine HCl/0.9 % sodium chloride/PF	sufentanil-bupivacain-NaCl(PF)
tapentadol HCl	Nucynta
tapentadol HCl	Nucynta ER
Benzodiazapine Medi	
alprazolam	Alprazolam Intensol
alprazolam	Niravam
alprazolam	Xanax
alprazolam	Xanax XR
alprazolam	alprazolam
alprazolam/dietary supplement, misc combo no.17	Gabazolamine
amitriptyline HCl/chlordiazepoxide	Limbitrol
amitriptyline HCl/chlordiazepoxide	Limbitrol DS
amitriptyline HCI/chlordiazepoxide	amitriptyline-chlordiazepoxide

cder\_mpl1p\_wp085 Page 160 of 390



ix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request		
Generic Name	Brand Name	
chlordiazepoxide HCl	Librium	
chlordiazepoxide HCl	Poxi	
chlordiazepoxide HCl	chlordiazepoxide HCl	
chlordiazepoxide/clidinium bromide	Librax (with clidinium)	
chlordiazepoxide/clidinium bromide	chlordiazepoxide-clidinium	
clobazam	Onfi	
clobazam	Sympazan	
clobazam	clobazam	
clonazepam	Ceberclon	
clonazepam	Klonopin	
clonazepam	clonazepam	
clorazepate dipotassium	Gen-XENE	
clorazepate dipotassium	Tranxene T-Tab	
clorazepate dipotassium	Tranxene-SD	
clorazepate dipotassium	clorazepate dipotassium	
clozapine	Clozaril	
clozapine	FazaClo	
clozapine	Versacloz	
clozapine	clozapine	
diazepam	Diastat	
diazepam	Diastat AcuDial	
diazepam	Diastat Pediatric	
diazepam	Diastat Universal	
diazepam	Diazepam Intensol	
diazepam	Valium	
diazepam	Valtoco	
diazepam	diazepam	
diazepam (in soybean oil)	Dizac	
estazolam	Prosom	
estazolam	estazolam	
flumazenil	Romazicon	
flumazenil	flumazenil	
flurazepam HCl	Dalmane	
flurazepam HCl	flurazepam	
halazepam	Paxipam	
lorazepam	Ativan	
lorazepam	Lorazepam Intensol	
lorazepam	Loreev XR	
lorazepam	lorazepam	
lorazepam in 0.9 % sodium chloride	lorazepam in 0.9% sod chloride	
lorazepam in 5 % dextrose and water	lorazepam in dextrose 5 %	
midazolam	Nayzilam	
midazolam HCl	Versed	
midazolam HCl	midazolam	
oxazepam	Serax	
oxazepam	oxazepam	
quazepam	Doral	
quazepam	quazepam	
γμαζεμαιτί	qua2cpa111	

cder\_mpl1p\_wp085 Page 161 of 390



Generic Name	Brand Name
temazepam	Restoril
temazepam	temazepam
temazepam/dietary supplement no.8	Strazepam
triazolam	Halcion
triazolam	triazolam
Nonbenzodiazepine Anxiolyt	ics or Sedatives or Hypnotics
buspirone HCl	buspirone
butabarbital sodium	Butisol
daridorexant HCl	Quviviq
doxepin HCl	Silenor
doxepin HCl	doxepin
eszopiclone	Lunesta
eszopiclone	eszopiclone
lemborexant	Dayvigo
meprobamate	meprobamate
ramelteon	Rozerem
ramelteon	ramelteon
secobarbital sodium	Seconal Sodium
suvorexant	Belsomra
tasimelteon	Hetlioz
tasimelteon	Hetlioz LQ
tasimelteon	tasimelteon
zaleplon	Sonata
zaleplon	zaleplon
zolpidem tartrate	Ambien
zolpidem tartrate	Ambien CR
zolpidem tartrate	Edluar
zolpidem tartrate	Intermezzo
zolpidem tartrate	Zolpimist
zolpidem tartrate	zolpidem
All Opioid	Analgesics
hydromorphone HCl	hydromorphone

All Opioid Analgesi	CS
hydromorphone HCl	hydromorphone
hydromorphone HCI/PF	hydromorphone (PF)
hydromorphone HCl in 0.9 % sodium chloride/PF	hydromorphone (PF)-0.9 % NaCl
hydromorphone HCl	Exalgo ER
hydromorphone HCl	Dilaudid
hydromorphone HCl/PF	Dilaudid-HP (PF)
hydromorphone HCl in 0.9 % sodium chloride	hydromorphone in 0.9 % NaCl
hydromorphone HCl in dextrose 5 %-water/PF	hydromorphone in D5W (PF)
hydromorphone HCl in sterile water/PF	hydromorphone (PF) in water
hydromorphone HCl in sodium chloride, iso-osmotic/PF	hydromorphone(PF)-NaCl,iso-osm
hydromorphone HCl/PF	Dilaudid (PF)
morphine sulfate	Kadian
morphine sulfate	morphine
morphine sulfate	morphine concentrate
morphine sulfate/PF	morphine (PF)
marabina sulfata/DE	Duramarah (DE)

Page 162 of 390  $cder\_mpl1p\_wp085$ 

Duramorph (PF)

Infumorph P/F

morphine sulfate/PF morphine sulfate/PF

morphine sulfate/PF



pendix D. List of Generic and Brand Names of Medical Products Used	·
Generic Name	Brand Name
morphine sulfate in 0.9 % sodium chloride	morphine in 0.9 % sodium chlor
morphine sulfate in 0.9 % sodium chloride/PF	morphine (PF) in 0.9 % sod chl
morphine sulfate	MS Contin
morphine sulfate/dextrose 5 % in water	morphine in dextrose 5 %
morphine sulfate/naltrexone HCl	Embeda
morphine sulfate/dextrose 5%-water/PF	morphine (PF) in dextrose 5 %
morphine sulfate	MorphaBond ER
morphine sulfate/PF	Mitigo (PF)
morphine sulfate	Arymo ER
oxycodone HCl	oxycodone
oxycodone HCl/acetaminophen	oxycodone-acetaminophen
ibuprofen/oxycodone HCl	ibuprofen-oxycodone
oxycodone HCl/aspirin	oxycodone-aspirin
oxycodone HCl/acetaminophen	Xartemis XR
oxycodone HCl	Roxicodone
oxycodone HCl/acetaminophen	Primlev
oxycodone myristate	Xtampza ER
oxycodone HCI/acetaminophen	Endocet
oxycodone HCl	OxyContin
oxycodone HCl/acetaminophen	Percocet
oxycodone HCl	Oxaydo
oxycodone HCl	RoxyBond
oxycodone HCl/acetaminophen	Nalocet
oxycodone HCl/acetaminophen	Prolate
oxymorphone HCl	oxymorphone
oxymorphone HCl	Opana
oxymorphone HCl	Opana ER
codeine phosphate/butalbital/aspirin/caffeine	Fiorinal-Codeine #3
codeine sulfate	codeine sulfate
butalbital/acetaminophen/caffeine/codeine phosphate	butalbital-acetaminop-caf-cod
acetaminophen with codeine phosphate	acetaminophen-codeine
codeine phosphate/guaifenesin	codeine-guaifenesin
promethazine/phenylephrine HCl/codeine	Promethazine VC-Codeine
promethazine HCI/codeine	promethazine-codeine
carisoprodol/aspirin/codeine phosphate	carisoprodol-aspirin-codeine
acetaminophen with codeine phosphate	Capital with Codeine
codeine phosphate/butalbital/aspirin/caffeine	Butalbital Compound W/Codeine
codeine phosphate/guaifenesin	Cheratussin AC
pseudoephedrine HCI/codeine phosphate/guaifenesin	Cheratussin DAC
codeine phosphate/guaifenesin	lophen C-NR
pseudoephedrine HCI/codeine/chlorpheniramine	Phenylhistine DH
codeine phosphate/guaifenesin	Mar-Cof CG
mpheniramine maleate/pseudoephedrine HCl/codeine phospha	Mar-Cof BP
codeine phosphate/guaifenesin	Robafen AC
codeine phosphate/guaifenesin	M-Clear WC
kbrompheniramine maleate/pseudoephedrine HCl/codeine pho	M-End Max D
ompheniramine maleate/phenylephrine HCI/codeine phosphate	M-END PE
manuala amba duina IICI/aa daina mbaambata /awaifanaain	Cualfornasia DAC

cder\_mpl1p\_wp085 Page 163 of 390

Guaifenesin DAC

pseudoephedrine HCl/codeine phosphate/guaifenesin



Appendix D. List of Generic and Brand Names of Medical Products Used	to Define Covariates in this Request		
Generic Name Brand Name			
codeine phosphate/guaifenesin	Guaifenesin AC		
rompheniramine maleate/pseudoephedrine HCI/codeine phospha	Rydex		
codeine phosphate/guaifenesin	Ninjacof-XG		
triprolidine HCl/phenylephrine HCl/codeine phosphate	Histex-AC		
chlorpheniramine maleate/phenylephrine HCl/codeine phosphate	CapCof		
codeine phosphate/guaifenesin	RelCof C		
acetaminophen/caffeine/dihydrocodeine bitartrate	acetaminophen-caff-dihydrocod		
chlorpheniramine maleate/codeine phosphate	Zodryl AC 25		
chlorpheniramine maleate/codeine phosphate	Zodryl AC 30		
chlorpheniramine maleate/codeine phosphate	Zodryl AC 35		
chlorpheniramine maleate/codeine phosphate	Zodryl AC 40		
chlorpheniramine maleate/codeine phosphate	Zodryl AC 50		
chlorpheniramine maleate/codeine phosphate	Zodryl AC 60		
chlorpheniramine maleate/codeine phosphate	Zodryl AC 80		
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 25		
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 30		
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 35		
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 40		
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 50		
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 60		
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 80		
pseudoephedrine HCI/codeine phosphate/guaifenesin	Zodryl DEC 25		
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 30		
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 35		
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 40		
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 50		
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 60		
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 80		
aspirin/caffeine/dihydrocodeine bitartrate	Synalgos-DC		
acetaminophen with codeine phosphate	Tylenol-Codeine #3		
codeine phosphate/guaifenesin	, Guaiatussin AC		
promethazine/phenylephrine HCl/codeine	promethazine-phenyleph-codeine		
codeine phosphate/guaifenesin	Virtussin AC		
acetaminophen with codeine phosphate	Tylenol-Codeine #4		
brompheniramine maleate/phenylephrine HCI/codeine phosphate	Poly-Tussin AC		
codeine phosphate/butalbital/aspirin/caffeine	Ascomp with Codeine		
butalbital/acetaminophen/caffeine/codeine phosphate	Fioricet with Codeine		
pseudoephedrine HCl/codeine phosphate/guaifenesin	Tusnel C		
codeine phosphate/butalbital/aspirin/caffeine	Butalbital Compound-Codeine		
aspirin/caffeine/dihydrocodeine bitartrate	aspirin-caffeine-dihydrocodein		
codeine phosphate/guaifenesin	G Tussin AC		
chlorpheniramine maleate/codeine phosphate	Z-Tuss AC		
chlorpheniramine maleate/phenylephrine HCl/codeine phosphate	Maxi-Tuss CD		
codeine phosphate/guaifenesin	Maxi-Tuss AC		
acetaminophen/caffeine/dihydrocodeine bitartrate	Trezix		
codeine phosphate/butalbital/aspirin/caffeine	codeine-butalbital-ASA-caff		
dexchlorpheniramine maleate/phenylephrine HCl/codeine	Pro-Red AC (w/ dexchlorphenir)		
	Lortuss EX		
pseudoephedrine HCl/codeine phosphate/guaifenesin	LUITUSS EX		

Page 164 of 390  $cder\_mpl1p\_wp085$ 



Appendix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request  Generic Name  Brand Name					
Generic Name	Brand Name				
codeine polistirex/chlorpheniramine polistirex	Tuzistra XR				
pseudoephedrine HCl/codeine phosphate/guaifenesin	Virtussin DAC				
codeine phosphate/guaifenesin	Coditussin AC				
pseudoephedrine HCl/codeine phosphate/guaifenesin	Coditussin DAC				
acetaminophen/caffeine/dihydrocodeine bitartrate	Panlor(acetam-caff-dihydrocod)				
acetaminophen/caffeine/dihydrocodeine bitartrate	Dvorah				
chlorpheniramine maleate/codeine phosphate	Tuxarin ER				
fentanyl citrate	fentanyl citrate				
fentanyl	fentanyl				
fentanyl citrate/PF	fentanyl citrate (PF)				
fentanyl citrate	Lazanda				
fentanyl citrate in 0.9 % sodium chloride/PF	fentanyl citrate (PF)-0.9%NaCl				
fentanyl citrate/bupivacaine HCl in 0.9 % sodium chloride/PF	fentanyl (PF)-bupivacaine-NaCl				
fentanyl citrate/ropivacaine HCl/sodium chloride 0.9%/PF	fentanyl-ropivacaine-NaCl (PF)				
fentanyl	Subsys				
fentanyl citrate	Abstral				
fentanyl	Duragesic				
fentanyl citrate	Actiq				
fentanyl citrate	Fentora				
fentanyl HCl	lonsys				
fentanyl citrate in dextrose 5% in water/PF	fentanyl citrate in D5W (PF)				
hydrocodone bitartrate/acetaminophen	Norco				
hydrocodone bitartrate/acetaminophen	Vicodin				
hydrocodone bitartrate/acetaminophen	Vicodin ES				
hydrocodone bitartrate/acetaminophen	Vicodin HP				
hydrocodone bitartrate/acetaminophen	hydrocodone-acetaminophen				
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Hycofenix				
hydrocodone bitartrate/guaifenesin	Flowtuss				
hydrocodone polistirex/chlorpheniramine polistirex	TussiCaps				
hydrocodone bitartrate/homatropine methylbromide	Hydromet				
hydrocodone bitartrate/acetaminophen	Zamicet				
hydrocodone/ibuprofen	hydrocodone-ibuprofen				
benzhydrocodone HCI/acetaminophen	Apadaz				
benzhydrocodone HCI/acetaminophen	benzhydrocodone-acetaminophen				
hydrocodone bitartrate/acetaminophen	Lortab Elixir				
hydrocodone bitartrate	hydrocodone bitartrate				
hydrocodone polistirex/chlorpheniramine polistirex	Tussionex Pennkinetic ER				
hydrocodone bitartrate/acetaminophen	Lortab 5-325				
hydrocodone bitartrate/acetaminophen	Lortab 7.5-325				
hydrocodone bitartrate/acetaminophen	Lortab 10-325				
hydrocodone/ibuprofen	Ibudone				
hydrocodone/ibuprofen	Xylon 10				
hydrocodone bitartrate/acetaminophen	Lorcet (hydrocodone)				
hydrocodone bitartrate/acetaminophen	Lorcet Plus				
hydrocodone bitartrate/acetaminophen	Lorcet HD				
hydrocodone bitartrate	Hysingla ER				
hydrocodone bitartrate/acetaminophen	Xodol 10/300				
hydrocodone bitartrate/acetaminophen	Xodol 5/300				

Page 165 of 390  $cder\_mpl1p\_wp085$ 



Appendix D. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request			
Generic Name	Brand Name		
hydrocodone bitartrate/acetaminophen	Xodol 7.5/300		
hydrocodone/ibuprofen	Reprexain		
hydrocodone bitartrate/homatropine methylbromide	Tussigon		
pseudoephedrine HCl/hydrocodone bitartrate	Rezira		
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Zutripro		
hydrocodone bitartrate/chlorpheniramine maleate	Vituz		
hydrocodone bitartrate/homatropine methylbromide	Hycodan (with homatropine)		
hydrocodone bitartrate/homatropine methylbromide	Hycodan		
hydrocodone bitartrate	Zohydro ER		
hydrocodone bitartrate/guaifenesin	Obredon		
hydromorphone HCl/bupivacaine HCl in 0.9% sodium chloride/PF	hydromorphone-bupiv (PF)-NaCl		
hydromorphone HCI/ropivacaine in 0.9 % sodium chloride/PF	hydromorph(PF)-ropiv-0.9% NaCl		
methadone HCl	methadone		
levorphanol tartrate	levorphanol tartrate		
butorphanol tartrate	butorphanol		
meperidine HCl	meperidine		
methadone HCl	Methadone Intensol		
methadone HCl	Dolophine		
methadone HCl	Diskets		
tramadol HCl	tramadol		
buprenorphine	buprenorphine		
buprenorphine HCl	buprenorphine HCl		
tramadol HCl/acetaminophen	tramadol-acetaminophen		
methadone HCl	Methadose		
meperidine HCI/PF	Demerol (PF)		
meperidine HCl	Demerol		
nalbuphine HCl	nalbuphine		
pentazocine lactate	Talwin		
alfentanil HCl	alfentanil		
pentazocine HCl/naloxone HCl	pentazocine-naloxone		
meperidine HCI/PF	meperidine (PF)		
buprenorphine HCl	Buprenex		
meperidine HCl in 0.9 % sodium chloride/PF	meperidine (PF) in 0.9 % NaCl		
tapentadol HCl	Nucynta		
tapentadol HCl	Nucynta ER		
tramadol HCl	Ultram ER		
buprenorphine	Butrans		
tramadol HCl/acetaminophen	Ultracet		
tramadol HCl	Ultram		
difelikefalin acetate	Korsuva		
buprenorphine HCl	Belbuca		
methadone hydrochloride in 0.9 % sodium chloride	methadone in 0.9 % sod.chlorid		
meperidine HCl in 0.9 % sodium chloride	meperidine in 0.9 % NaCl		
sufentanil citrate/bupivacaine HCl/0.9 % sodium chloride/PF	sufentanil-bupivacain-NaCl(PF)		
tramadol HCl/celecoxib	Seglentis		
tramadol HCl			
oliceridine fumarate	ConZip Olinvyk		
	Qdolo		
tramadol HCl	Quoio		

Page 166 of 390  $cder\_mpl1p\_wp085$ 



Non-Cancer or Chronic Pain-Related Conditions   Diagnosis	ICD-10-CM CPT-4  ICD-10-CM
64615Chemodenervation of muscle(s); muscle(s) innervated by facial, trigeminal, cervical spinal and accessory nerves, bilateral (eg, for chronic migraine)ProcedureB02.2Zoster with other nervous system involvementDiagnosisB02.21Postherpetic geniculate ganglionitisDiagnosisB02.22Postherpetic trigeminal neuralgiaDiagnosisB02.23Postherpetic polyneuropathyDiagnosisB02.24Postherpetic myelitisDiagnosisB02.29Other postherpetic nervous system involvementDiagnosisD57.03Hb-SS disease with cerebral vascular involvementDiagnosisD57.09Hb-SS disease with cortisis with other specified complicationDiagnosisD57.1Sickle-cell disease without crisisDiagnosisD57.20Sickle-cell/Hb-C disease with acute chest syndromeDiagnosisD57.211Sickle-cell/Hb-C disease with cerebral vascular involvementDiagnosisD57.212Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.213Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.219Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.40Sickle-cell traitDiagnosisD57.411Sickle-cell thalassemia with out crisisDiagnosisD57.412Sickle-cell thalassemia with splenic sequestrationDiagnosisD57.413Sickle-cell thalassemia, unspecified, with cerebral vascular involvementDiagnosisD57.418Sickle-cell thalassemia beta zero with out	ICD-10-CM
BO2.2Corvical spinal and accessory nerves, bilateral (eg, for chronic migraine)BO2.2Zoster with other nervous system involvementDiagnosisBO2.21Postherpetic geniculate ganglionitisDiagnosisBO2.22Postherpetic rigeminal neuralgiaDiagnosisBO2.23Postherpetic polyneuropathyDiagnosisBO2.24Postherpetic meyelitisDiagnosisBO2.29Other postherpetic nervous system involvementDiagnosisD57.03Hb-SS disease with cerebral vascular involvementDiagnosisD57.09Hb-SS disease with crisis with other specified complicationDiagnosisD57.21Sickle-cell disease without crisisDiagnosisD57.21.1Sickle-cell/Hb-C disease with acute chest syndromeDiagnosisD57.21.2Sickle-cell/Hb-C disease with splenic sequestrationDiagnosisD57.21.3Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.21.8Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.21.9Sickle-cell/Hb-C disease with crisis, unspecifiedDiagnosisD57.21.9Sickle-cell thalassemia with out crisisDiagnosisD57.40Sickle-cell thalassemia with acute chest syndromeDiagnosisD57.41.1Sickle-cell thalassemia with splenic sequestrationDiagnosisD57.41.2Sickle-cell thalassemia with crisis, unspecified, with cerebral vascular involvementDiagnosisD57.41.3Sickle-cell thalassemia beta zero with splenic sequestrationDiagnosisD57.42.4Si	ICD-10-CM
B02.2Zoster with other nervous system involvementDiagnosisB02.21Postherpetic geniculate ganglionitisDiagnosisB02.22Postherpetic trigeminal neuralgiaDiagnosisB02.23Postherpetic polyneuropathyDiagnosisB02.24Postherpetic myelitisDiagnosisB02.29Other postherpetic nervous system involvementDiagnosisD57.03Hb-SS disease with cerebral vascular involvementDiagnosisD57.09Hb-SS disease with crisis with other specified complicationDiagnosisD57.1Sickle-cell disease without crisisDiagnosisD57.20Sickle-cell/Hb-C disease with acute chest syndromeDiagnosisD57.211Sickle-cell/Hb-C disease with splenic sequestrationDiagnosisD57.212Sickle-cell/Hb-C disease with cerebral vascular involvementDiagnosisD57.213Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.219Sickle-cell lh-C disease with crisis, unspecifiedDiagnosisD57.219Sickle-cell traitDiagnosisD57.40Sickle-cell thalassemia without crisisDiagnosisD57.411Sickle-cell thalassemia without crisisDiagnosisD57.412Sickle-cell thalassemia with splenic sequestrationDiagnosisD57.413Sickle-cell thalassemia with splenic sequestrationDiagnosisD57.418Sickle-cell thalassemia, unspecified, with cerebral vascular involvementDiagnosisD57.419Sickle-cell thalassemia beta zero with acute chest syndromeDiagnosisD	ICD-10-CM
B02.21Postherpetic geniculate ganglionitisDiagnosisB02.22Postherpetic trigeminal neuralgiaDiagnosisB02.23Postherpetic polyneuropathyDiagnosisB02.24Postherpetic myelitisDiagnosisB02.29Other postherpetic nervous system involvementDiagnosisD57.03Hb-SS disease with cerebral vascular involvementDiagnosisD57.09Hb-SS disease with crisis with other specified complicationDiagnosisD57.1Sickle-cell disease without crisisDiagnosisD57.20Sickle-cell/Hb-C disease without crisisDiagnosisD57.211Sickle-cell/Hb-C disease with acute chest syndromeDiagnosisD57.212Sickle-cell/Hb-C disease with splenic sequestrationDiagnosisD57.213Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.219Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.3.1Sickle-cell trialDiagnosisD57.3.2Sickle-cell trialDiagnosisD57.4.1Sickle-cell thalassemia with crisis, unspecifiedDiagnosisD57.4.2Sickle-cell thalassemia with splenic sequestrationDiagnosisD57.4.13Sickle-cell thalassemia with splenic sequestrationDiagnosisD57.4.14Sickle-cell thalassemia with crisis, unspecifiedDiagnosisD57.4.13Sickle-cell thalassemia with crisis, unspecifiedDiagnosisD57.4.14Sickle-cell thalassemia beta zero with acute chest syndromeDiagnosisD57.4.2Sickle-c	ICD-10-CM
BO2.22Postherpetic trigeminal neuralgiaDiagnosisBO2.23Postherpetic polyneuropathyDiagnosisBO2.24Postherpetic myelitisDiagnosisBO2.29Other postherpetic nervous system involvementDiagnosisD57.03Hb-SS disease with cerebral vascular involvementDiagnosisD57.09Hb-SS disease with crisis with other specified complicationDiagnosisD57.1Sickle-cell disease without crisisDiagnosisD57.20Sickle-cell/Hb-C disease without crisisDiagnosisD57.211Sickle-cell/Hb-C disease with acute chest syndromeDiagnosisD57.212Sickle-cell/Hb-C disease with splenic sequestrationDiagnosisD57.213Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.218Sickle-cell/Hb-C disease with crisis, unspecifiedDiagnosisD57.219Sickle-cell/Hb-C disease with crisis, unspecifiedDiagnosisD57.3Sickle-cell traitDiagnosisD57.4Sickle-cell thalassemia without crisisDiagnosisD57.411Sickle-cell thalassemia with acute chest syndromeDiagnosisD57.412Sickle-cell thalassemia, unspecified, with cerebral vascular involvementDiagnosisD57.413Sickle-cell thalassemia, unspecified, with crisis with other specified complicationDiagnosisD57.419Sickle-cell thalassemia beta zero with acute chest syndromeDiagnosisD57.42Sickle-cell thalassemia beta zero with splenic sequestrationDiagnosisD57.433Sickle-cell thalassemia beta zero w	ICD-10-CM
B02.23Postherpetic polyneuropathyDiagnosisB02.24Postherpetic myelitisDiagnosisB02.29Other postherpetic nervous system involvementDiagnosisD57.03Hb-SS disease with cerebral vascular involvementDiagnosisD57.09Hb-SS disease with crisis with other specified complicationDiagnosisD57.1Sickle-cell disease without crisisDiagnosisD57.20Sickle-cell/Hb-C disease without crisisDiagnosisD57.211Sickle-cell/Hb-C disease with acute chest syndromeDiagnosisD57.212Sickle-cell/Hb-C disease with splenic sequestrationDiagnosisD57.213Sickle-cell/Hb-C disease with cerebral vascular involvementDiagnosisD57.218Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.219Sickle-cell traitDiagnosisD57.3Sickle-cell traitDiagnosisD57.40Sickle-cell thalassemia with out crisisDiagnosisD57.411Sickle-cell thalassemia with splenic sequestrationDiagnosisD57.412Sickle-cell thalassemia with splenic sequestrationDiagnosisD57.413Sickle-cell thalassemia, unspecified, with crisis with other specified complicationDiagnosisD57.419Sickle-cell thalassemia beta zero without crisisDiagnosisD57.431Sickle-cell thalassemia beta zero without crisisDiagnosisD57.432Sickle-cell thalassemia beta zero without crisisDiagnosisD57.433Sickle-cell thalassemia beta zero without crisis with other specified complication	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
BO2.24Postherpetic myelitisDiagnosisBO2.29Other postherpetic nervous system involvementDiagnosisD57.03Hb-SS disease with cerebral vascular involvementDiagnosisD57.09Hb-SS disease with crisis with other specified complicationDiagnosisD57.1Sickle-cell disease without crisisDiagnosisD57.20Sickle-cell/Hb-C disease with acute chest syndromeDiagnosisD57.211Sickle-cell/Hb-C disease with acute chest syndromeDiagnosisD57.212Sickle-cell/Hb-C disease with splenic sequestrationDiagnosisD57.213Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.218Sickle-cell/Hb-C disease with crisis with other specified complicationDiagnosisD57.219Sickle-cell traitDiagnosisD57.3Sickle-cell traitDiagnosisD57.40Sickle-cell thalassemia with other syndromeDiagnosisD57.411Sickle-cell thalassemia with acute chest syndromeDiagnosisD57.412Sickle-cell thalassemia with splenic sequestrationDiagnosisD57.413Sickle-cell thalassemia, unspecified, with cresis with other specified complicationDiagnosisD57.419Sickle-cell thalassemia beta zero without crisisDiagnosisD57.431Sickle-cell thalassemia beta zero without crisisDiagnosisD57.432Sickle-cell thalassemia beta zero without crisis with other specified complicationDiagnosisD57.433Sickle-cell thalassemia beta zero without crisis with other specified complicationDiagnosis<	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
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D57 439 Sickle-cell thalassemia heta zero with crisis unspecified Diagnosis	ICD-10-CM
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D57.44 Sickle-cell thalassemia beta plus without crisis Diagnosis	ICD-10-CM
D57.451 Sickle-cell thalassemia beta plus with acute chest syndrome Diagnosis	ICD-10-CM
D57.452 Sickle-cell thalassemia beta plus with splenic sequestration Diagnosis	ICD-10-CM
D57.453 Sickle-cell thalassemia beta plus with cerebral vascular involvement Diagnosis	ICD-10-CM
D57.458 Sickle-cell thalassemia beta plus with crisis with other specified complication Diagnosis	ICD-10-CM
D57.459 Sickle-cell thalassemia beta plus with crisis, unspecified Diagnosis	ICD-10-CM
D57.80 Other sickle-cell disorders without crisis Diagnosis	ICD-10-CM
D57.811 Other sickle-cell disorders with acute chest syndrome Diagnosis	ICD-10-CM
D57.812 Other sickle-cell disorders with splenic sequestration Diagnosis	ICD-10-CM
D57.813 Other sickle-cell disorders with cerebral vascular involvement Diagnosis	ICD 10 CM
D57.818 Other sickle-cell disorders with crisis with other specified complication Diagnosis	ICD-10-CM
D57.819 Other sickle-cell disorders with crisis, unspecified Diagnosis	ICD-10-CM ICD-10-CM

cder\_mpl1p\_wp085 Page 167 of 390



Code	Description	<b>Code Category</b>	Code Type
E08.40	Diabetes mellitus due to underlying condition with diabetic neuropathy,	Diagnosis	ICD-10-CM
	unspecified		
08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy	Diagnosis	ICD-10-CM
08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy	Diagnosis	ICD-10-CM
08.610	Diabetes mellitus due to underlying condition with diabetic neuropathic	Diagnosis	ICD-10-CM
	arthropathy		
E09.40	Drug or chemical induced diabetes mellitus with neurological complications with	Diagnosis	ICD-10-CM
	diabetic neuropathy, unspecified		
09.41	Drug or chemical induced diabetes mellitus with neurological complications with	Diagnosis	ICD-10-CM
	diabetic mononeuropathy		
09.42	Drug or chemical induced diabetes mellitus with neurological complications with	Diagnosis	ICD-10-CM
	diabetic polyneuropathy		
09.610	Drug or chemical induced diabetes mellitus with diabetic neuropathic	Diagnosis	ICD-10-CM
10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
13.41	Other specified diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
13.42	Other specified diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
45.42	Pain disorder with related psychological factors	Diagnosis	ICD-10-CM
643	Migraine	Diagnosis	ICD-10-CM
643.0	Migraine without aura	Diagnosis	ICD-10-CM
643.00	Migraine without aura, not intractable	Diagnosis	ICD-10-CM
643.001	Migraine without aura, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
643.009	Migraine without aura, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
643.01	Migraine without aura, intractable	Diagnosis	ICD-10-CM
643.011	Migraine without aura, intractable, with status migrainosus	Diagnosis	ICD-10-CM
643.019	Migraine without aura, intractable, without status migrainosus	Diagnosis	ICD-10-CM
643.1	Migraine with aura	Diagnosis	ICD-10-CM
643.10	Migraine with aura, not intractable	Diagnosis	ICD-10-CM
643.101	Migraine with aura, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
43.109	Migraine with aura, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
643.11	Migraine with aura, intractable	Diagnosis	ICD-10-CM
643.111	Migraine with aura, intractable, with status migrainosus	Diagnosis	ICD-10-CM
643.119	Migraine with aura, intractable, without status migrainosus	Diagnosis	ICD-10-CM
543.4	Hemiplegic migraine	Diagnosis	ICD-10-CM
543.40	Hemiplegic migraine, not intractable	Diagnosis	ICD-10-CM
543.401	Hemiplegic migraine, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
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cder\_mpl1p\_wp085 Page 168 of 390



Code	Description	<b>Code Category</b>	Code Type
G43.41	Hemiplegic migraine, intractable	Diagnosis	ICD-10-CM
643.411	Hemiplegic migraine, intractable, with status migrainosus	Diagnosis	ICD-10-CM
i43.419	Hemiplegic migraine, intractable, without status migrainosus	Diagnosis	ICD-10-CM
i43.5	Persistent migraine aura without cerebral infarction	Diagnosis	ICD-10-CM
643.50	Persistent migraine aura without cerebral infarction, not intractable	Diagnosis	ICD-10-CM
G43.501	Persistent migraine aura without cerebral infarction, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
643.509	Persistent migraine aura without cerebral infarction, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
643.51	Persistent migraine aura without cerebral infarction, intractable	Diagnosis	ICD-10-CM
643.511	Persistent migraine aura without cerebral infarction, intractable, with status migrainosus	Diagnosis	ICD-10-CM
643.519	Persistent migraine aura without cerebral infarction, intractable, without status migrainosus	Diagnosis	ICD-10-CM
43.6	Persistent migraine aura with cerebral infarction	Diagnosis	ICD-10-CM
43.60	Persistent migraine aura with cerebral infarction, not intractable	Diagnosis	ICD-10-CM
643.601	Persistent migraine aura with cerebral infarction, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
643.609	Persistent migraine aura with cerebral infarction, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
43.61	Persistent migraine aura with cerebral infarction, intractable	Diagnosis	ICD-10-CM
643.611	Persistent migraine aura with cerebral infarction, intractable, with status migrainosus	Diagnosis	ICD-10-CM
643.619	Persistent migraine aura with cerebral infarction, intractable, without status migrainosus	Diagnosis	ICD-10-CM
43.7	Chronic migraine without aura	Diagnosis	ICD-10-CM
43.70	Chronic migraine without aura, not intractable	Diagnosis	ICD-10-CM
43.701	Chronic migraine without aura, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
43.709	Chronic migraine without aura, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
43.71	Chronic migraine without aura, intractable	Diagnosis	ICD-10-CM
43.711	Chronic migraine without aura, intractable, with status migrainosus	Diagnosis	ICD-10-CM
43.719	Chronic migraine without aura, intractable, without status migrainosus	Diagnosis	ICD-10-CM
43.8	Other migraine	Diagnosis	ICD-10-CM
43.80	Other migraine, not intractable	Diagnosis	ICD-10-CM
43.801	Other migraine, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
43.809	Other migraine, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
43.81	Other migraine, intractable	Diagnosis	ICD-10-CM
43.811	Other migraine, intractable, with status migrainosus	Diagnosis	ICD-10-CM
43.819	Other migraine, intractable, without status migrainosus	Diagnosis	ICD-10-CM
43.82	Menstrual migraine, not intractable	Diagnosis	ICD-10-CM
43.821	Menstrual migraine, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
i43.829	Menstrual migraine, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
643.83	Menstrual migraine, intractable	Diagnosis	ICD-10-CM
643.831	Menstrual migraine, intractable, with status migrainosus	Diagnosis	ICD-10-CM
643.839	Menstrual migraine, intractable, without status migrainosus	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 169 of 390



Code	10-PCS) Codes Used to Define Baseline Characteristics in this Request  Description	Code Category	Code Type
G43.9	Migraine, unspecified	Diagnosis	ICD-10-CM
G43.90	Migraine, unspecified, not intractable	Diagnosis	ICD-10-CM
G43.901	Migraine, unspecified, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.909	Migraine, unspecified, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.91	Migraine, unspecified, intractable	Diagnosis	ICD-10-CM
G43.911	Migraine, unspecified, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.919	Migraine, unspecified, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.A0	Cyclical vomiting, in migraine, not intractable	Diagnosis	ICD-10-CM
G43.A1	Cyclical vomiting, in migraine, intractable	Diagnosis	ICD-10-CM
G43.B	Ophthalmoplegic migraine	Diagnosis	ICD-10-CM
G43.B0	Ophthalmoplegic migraine, not intractable	Diagnosis	ICD-10-CM
G43.B1	Ophthalmoplegic migraine, intractable	Diagnosis	ICD-10-CM
G43.D	Abdominal migraine	Diagnosis	ICD-10-CM
G43.D0	Abdominal migraine, not intractable	Diagnosis	ICD-10-CM
G43.D1	Abdominal migraine, intractable	Diagnosis	ICD-10-CM
G43.E	Chronic migraine with aura	Diagnosis	ICD-10-CM
G43.E0	Chronic migraine with aura, not intractable	Diagnosis	ICD-10-CM
G43.E01	Chronic migraine with aura, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.E09	Chronic migraine with aura, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
643.E1	Chronic migraine with aura, intractable	Diagnosis	ICD-10-CM
G43.E11	Chronic migraine with aura, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.E19	Chronic migraine with aura, intractable, without status migrainosus	Diagnosis	ICD-10-CM
360.1	Refsum's disease	Diagnosis	ICD-10-CM
G89.2	Chronic pain, not elsewhere classified	Diagnosis	ICD-10-CM
G89.21	Chronic pain due to trauma	Diagnosis	ICD-10-CM
G89.22	Chronic post-thoracotomy pain	Diagnosis	ICD-10-CM
G89.28	Other chronic postprocedural pain	Diagnosis	ICD-10-CM
G89.29	Other chronic pain	Diagnosis	ICD-10-CM
G89.4	Chronic pain syndrome	Diagnosis	ICD-10-CM
G90	Disorders of autonomic nervous system	Diagnosis	ICD-10-CM
G90.0	Idiopathic peripheral autonomic neuropathy	Diagnosis	ICD-10-CM
G90.01	Carotid sinus syncope	Diagnosis	ICD-10-CM
G90.09	Other idiopathic peripheral autonomic neuropathy	Diagnosis	ICD-10-CM
M05.00	Felty's syndrome, unspecified site	Diagnosis	ICD-10-CM
M05.011	Felty's syndrome, right shoulder	Diagnosis	ICD-10-CM
M05.012	Felty's syndrome, left shoulder	Diagnosis	ICD-10-CM
M05.019	Felty's syndrome, unspecified shoulder	Diagnosis	ICD-10-CM
M05.021	Felty's syndrome, right elbow	Diagnosis	ICD-10-CM
M05.022	Felty's syndrome, left elbow	Diagnosis	ICD-10-CM
M05.029	Felty's syndrome, unspecified elbow	Diagnosis	ICD-10-CM
M05.031	Felty's syndrome, right wrist	Diagnosis	ICD-10-CM
M05.032	Felty's syndrome, left wrist	Diagnosis	ICD-10-CM
M05.039	Felty's syndrome, unspecified wrist	Diagnosis	ICD-10-CM
M05.041	Felty's syndrome, right hand	Diagnosis	ICD-10-CM
M05.042	Felty's syndrome, left hand	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 170 of 390



Code	Description	Code Category	Code Type
M05.049	Felty's syndrome, unspecified hand	Diagnosis	ICD-10-CM
M05.051	Felty's syndrome, right hip	Diagnosis	ICD-10-CM
M05.052	Felty's syndrome, left hip	Diagnosis	ICD-10-CM
M05.059	Felty's syndrome, unspecified hip	Diagnosis	ICD-10-CM
M05.061	Felty's syndrome, right knee	Diagnosis	ICD-10-CM
M05.062	Felty's syndrome, left knee	Diagnosis	ICD-10-CM
M05.069	Felty's syndrome, unspecified knee	Diagnosis	ICD-10-CM
M05.071	Felty's syndrome, right ankle and foot	Diagnosis	ICD-10-CM
M05.072	Felty's syndrome, left ankle and foot	Diagnosis	ICD-10-CM
M05.079	Felty's syndrome, unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.09	Felty's syndrome, multiple sites	Diagnosis	ICD-10-CM
M05.20	Rheumatoid vasculitis with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.211	Rheumatoid vasculitis with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.212	Rheumatoid vasculitis with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.219	Rheumatoid vasculitis with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.221	Rheumatoid vasculitis with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.222	Rheumatoid vasculitis with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.229	Rheumatoid vasculitis with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.231	Rheumatoid vasculitis with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.232	Rheumatoid vasculitis with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.239	Rheumatoid vasculitis with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.241	Rheumatoid vasculitis with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.242	Rheumatoid vasculitis with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.249	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.251	Rheumatoid vasculitis with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.252	Rheumatoid vasculitis with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.259	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.261	Rheumatoid vasculitis with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.262	Rheumatoid vasculitis with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.269	Rheumatoid vasculitis with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.271	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.272	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.279	Rheumatoid vasculitis with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.29	Rheumatoid vasculitis with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.30	Rheumatoid heart disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.311	Rheumatoid heart disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.312	Rheumatoid heart disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.319	Rheumatoid heart disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.321	Rheumatoid heart disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.322	Rheumatoid heart disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.329	Rheumatoid heart disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.331	Rheumatoid heart disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.332	Rheumatoid heart disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.339	Rheumatoid heart disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
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cder\_mpl1p\_wp085 Page 171 of 390



M05.342 Rheumatoid heart disease with rheumatoid arthritis of left hand Diagnosis ICD-10 M05.349 Rheumatoid heart disease with rheumatoid arthritis of unspecified hand Diagnosis ICD-10 M05.351 Rheumatoid heart disease with rheumatoid arthritis of right hip Diagnosis ICD-10 M05.352 Rheumatoid heart disease with rheumatoid arthritis of left hip Diagnosis ICD-10 M05.359 Rheumatoid heart disease with rheumatoid arthritis of left hip Diagnosis ICD-10 M05.361 Rheumatoid heart disease with rheumatoid arthritis of right knee Diagnosis ICD-10 M05.362 Rheumatoid heart disease with rheumatoid arthritis of left knee Diagnosis ICD-10 M05.3639 Rheumatoid heart disease with rheumatoid arthritis of left knee Diagnosis ICD-10 M05.371 Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot Diagnosis ICD-10 M05.372 Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot Diagnosis ICD-10 M05.379 Rheumatoid heart disease with rheumatoid arthritis of multiple sites Diagnosis ICD-10 M05.399 Rheumatoid myopathy with rheumatoid arthritis of multiple sites Diagnosis ICD-10 M05.399 Rheumatoid myopathy with rheumatoid arthritis of unspecified site Diagnosis ICD-10 M05.40 Rheumatoid myopathy with rheumatoid arthritis of left shoulder Diagnosis ICD-10 M05.41 Rheumatoid myopathy with rheumatoid arthritis of left shoulder Diagnosis ICD-10 M05.41 Rheumatoid myopathy with rheumatoid arthritis of left shoulder Diagnosis ICD-10 M05.41 Rheumatoid myopathy with rheumatoid arthritis of left shoulder Diagnosis ICD-10 M05.42 Rheumatoid myopathy with rheumatoid arthritis of left elbow Diagnosis ICD-11 M05.42 Rheumatoid myopathy with rheumatoid arthritis of left elbow Diagnosis ICD-11 M05.43 Rheumatoid myopathy with rheumatoid arthritis of left elbow Diagnosis ICD-11 M05.43 Rheumatoid myopathy with rheumatoid arthritis of left wist Diagnosis ICD-11 M05.43 Rheumatoid myopathy with rheumatoid arthritis of left wist Diagnosis ICD-11 M05.44 Rheumatoid myopathy with rheumatoid arthritis of left wist Diagnosis ICD-11 M05.	Туре
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M05.519 Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified shoulder Diagnosis ICD-10 Diagnos	LO-CM
M05.521 Rheumatoid polyneuropathy with rheumatoid arthritis of right elbow Diagnosis ICD-10	LO-CM
	LO-CM
M05 522 Rheumatoid polyneuropathy with rheumatoid arthritis of left elhow Diagnosis ICD-10	LO-CM
Wiestisze Miledinatola polytical opathy with meanlatola artificial of left cloow biagnosis leb 10	LO-CM
M05.529 Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified elbow Diagnosis ICD-10	LO-CM
M05.531 Rheumatoid polyneuropathy with rheumatoid arthritis of right wrist Diagnosis ICD-10	L0-CM
M05.532 Rheumatoid polyneuropathy with rheumatoid arthritis of left wrist Diagnosis ICD-10	LO-CM
M05.539 Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified wrist Diagnosis ICD-10	LO-CM

cder\_mpl1p\_wp085 Page 172 of 390



Code	Description	<b>Code Category</b>	Code Type
M05.541	Rheumatoid polyneuropathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.542	Rheumatoid polyneuropathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.549	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.551	Rheumatoid polyneuropathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.552	Rheumatoid polyneuropathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.559	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.561	Rheumatoid polyneuropathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.562	Rheumatoid polyneuropathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.569	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.571	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.572	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.579	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified ankle and	Diagnosis	ICD-10-CM
	foot		
M05.59	Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.60	Rheumatoid arthritis of unspecified site with involvement of other organs and	Diagnosis	ICD-10-CM
	systems	<del>-</del>	
M05.611	Rheumatoid arthritis of right shoulder with involvement of other organs and	Diagnosis	ICD-10-CM
	systems	J	
M05.612	Rheumatoid arthritis of left shoulder with involvement of other organs and	Diagnosis	ICD-10-CM
	systems	J	
и05.619	Rheumatoid arthritis of unspecified shoulder with involvement of other organs	Diagnosis	ICD-10-CM
	and systems	J	
M05.621	Rheumatoid arthritis of right elbow with involvement of other organs and	Diagnosis	ICD-10-CM
	systems	J	
M05.622	Rheumatoid arthritis of left elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.629	Rheumatoid arthritis of unspecified elbow with involvement of other organs and	Diagnosis	ICD-10-CM
	systems	· ·	
И05.631	Rheumatoid arthritis of right wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
И05.632	Rheumatoid arthritis of left wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.639	Rheumatoid arthritis of unspecified wrist with involvement of other organs and	Diagnosis	ICD-10-CM
	systems	<b>5</b>	
И05.641	Rheumatoid arthritis of right hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
ло5.642	Rheumatoid arthritis of left hand with involvement of other organs and systems	=	ICD-10-CM
ло5.649	Rheumatoid arthritis of unspecified hand with involvement of other organs and	Diagnosis	ICD-10-CM
	systems		. 52 20 0111
И05.651	Rheumatoid arthritis of right hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
иоэ.652	Rheumatoid arthritis of left hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.659	Rheumatoid arthritis of unspecified hip with involvement of other organs and	Diagnosis	ICD-10-CM
	systems	2.05110313	.00 10 0141
M05.661	Rheumatoid arthritis of right knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.662	Rheumatoid arthritis of left knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.669	Rheumatoid arthritis of unspecified knee with involvement of other organs and	Diagnosis	ICD-10-CM
צטט.כטוע		Diagilusis	ICD-TO-CIAI
M05.671	systems  Rheumatoid arthritis of right ankle and foot with involvement of other organs	Diagnosis	ICD-10-CM
	NUCUMANUA ALIMINIS OF USIN AUNIE AND 1001 WITH INVOIVEMENT OF OTHER OFEATIS	DIAKIIOSIS	ICD-TO-CIAI

cder\_mpl1p\_wp085 Page 173 of 390



Code	Description	<b>Code Category</b>	Code Type
M05.672	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.679	Rheumatoid arthritis of unspecified ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.69	Rheumatoid arthritis of multiple sites with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.70	Rheumatoid arthritis with rheumatoid factor of unspecified site without organ or systems involvement	Diagnosis	ICD-10-CM
M05.711	Rheumatoid arthritis with rheumatoid factor of right shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.712	Rheumatoid arthritis with rheumatoid factor of left shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.719	Rheumatoid arthritis with rheumatoid factor of unspecified shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.721	Rheumatoid arthritis with rheumatoid factor of right elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.722	Rheumatoid arthritis with rheumatoid factor of left elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.729	Rheumatoid arthritis with rheumatoid factor of unspecified elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.731	Rheumatoid arthritis with rheumatoid factor of right wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.732	Rheumatoid arthritis with rheumatoid factor of left wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.739	Rheumatoid arthritis with rheumatoid factor of unspecified wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.741	Rheumatoid arthritis with rheumatoid factor of right hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.742	Rheumatoid arthritis with rheumatoid factor of left hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.749	Rheumatoid arthritis with rheumatoid factor of unspecified hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.751	Rheumatoid arthritis with rheumatoid factor of right hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.752	Rheumatoid arthritis with rheumatoid factor of left hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.759	Rheumatoid arthritis with rheumatoid factor of unspecified hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.761	Rheumatoid arthritis with rheumatoid factor of right knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.762	Rheumatoid arthritis with rheumatoid factor of left knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.769	Rheumatoid arthritis with rheumatoid factor of unspecified knee without organ or systems involvement	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 174 of 390



Code	Description	<b>Code Category</b>	Code Type
M05.771	Rheumatoid arthritis with rheumatoid factor of right ankle and foot without	Diagnosis	ICD-10-CM
	organ or systems involvement		
M05.772	Rheumatoid arthritis with rheumatoid factor of left ankle and foot without organ	Diagnosis	ICD-10-CM
	or systems involvement		
M05.779	Rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot	Diagnosis	ICD-10-CM
	without organ or systems involvement		
M05.79	Rheumatoid arthritis with rheumatoid factor of multiple sites without organ or	Diagnosis	ICD-10-CM
	systems involvement		
M05.7A	Rheumatoid arthritis with rheumatoid factor of other specified site without	Diagnosis	ICD-10-CM
	organ or systems involvement		
M05.80	Other rheumatoid arthritis with rheumatoid factor of unspecified site	Diagnosis	ICD-10-CM
M05.811	Other rheumatoid arthritis with rheumatoid factor of right shoulder	Diagnosis	ICD-10-CM
M05.812	Other rheumatoid arthritis with rheumatoid factor of left shoulder	Diagnosis	ICD-10-CM
M05.819	Other rheumatoid arthritis with rheumatoid factor of unspecified shoulder	Diagnosis	ICD-10-CM
M05.821	Other rheumatoid arthritis with rheumatoid factor of right elbow	Diagnosis	ICD-10-CM
M05.822	Other rheumatoid arthritis with rheumatoid factor of left elbow	Diagnosis	ICD-10-CM
M05.829	Other rheumatoid arthritis with rheumatoid factor of unspecified elbow	Diagnosis	ICD-10-CM
M05.831	Other rheumatoid arthritis with rheumatoid factor of right wrist	Diagnosis	ICD-10-CM
M05.832	Other rheumatoid arthritis with rheumatoid factor of left wrist	Diagnosis	ICD-10-CM
M05.839	Other rheumatoid arthritis with rheumatoid factor of unspecified wrist	Diagnosis	ICD-10-CM
M05.841	Other rheumatoid arthritis with rheumatoid factor of right hand	Diagnosis	ICD-10-CM
M05.842	Other rheumatoid arthritis with rheumatoid factor of left hand	Diagnosis	ICD-10-CM
M05.849	Other rheumatoid arthritis with rheumatoid factor of unspecified hand	Diagnosis	ICD-10-CM
M05.851	Other rheumatoid arthritis with rheumatoid factor of right hip	Diagnosis	ICD-10-CM
M05.852	Other rheumatoid arthritis with rheumatoid factor of left hip	Diagnosis	ICD-10-CM
M05.859	Other rheumatoid arthritis with rheumatoid factor of unspecified hip	Diagnosis	ICD-10-CM
M05.861	Other rheumatoid arthritis with rheumatoid factor of right knee	Diagnosis	ICD-10-CM
M05.862	Other rheumatoid arthritis with rheumatoid factor of left knee	Diagnosis	ICD-10-CM
M05.869	Other rheumatoid arthritis with rheumatoid factor of unspecified knee	Diagnosis	ICD-10-CM
M05.871	Other rheumatoid arthritis with rheumatoid factor of right ankle and foot	Diagnosis	ICD-10-CM
M05.872	Other rheumatoid arthritis with rheumatoid factor of left ankle and foot	Diagnosis	ICD-10-CM
M05.879	Other rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.89	Other rheumatoid arthritis with rheumatoid factor of multiple sites	Diagnosis	ICD-10-CM
M05.8A	Other rheumatoid arthritis with rheumatoid factor of other specified site	Diagnosis	ICD-10-CM
M05.9	Rheumatoid arthritis with rheumatoid factor, unspecified	Diagnosis	ICD-10-CM
M06.00	Rheumatoid arthritis without rheumatoid factor, unspecified site	Diagnosis	ICD-10-CM
M06.011	Rheumatoid arthritis without rheumatoid factor, right shoulder	Diagnosis	ICD-10-CM
M06.012	Rheumatoid arthritis without rheumatoid factor, left shoulder	Diagnosis	ICD-10-CM
M06.019	Rheumatoid arthritis without rheumatoid factor, unspecified shoulder	Diagnosis	ICD-10-CM
M06.021	Rheumatoid arthritis without rheumatoid factor, right elbow	Diagnosis	ICD-10-CM
M06.022	Rheumatoid arthritis without rheumatoid factor, left elbow	Diagnosis	ICD-10-CM
M06.029	Rheumatoid arthritis without rheumatoid factor, left elbow	Diagnosis	ICD-10-CM
M06.031	Rheumatoid arthritis without rheumatoid factor, drispetined elbow	Diagnosis	ICD-10-CM
M06.031	Rheumatoid arthritis without rheumatoid factor, right wrist	Diagnosis	ICD-10-CM
M06.032	Rheumatoid arthritis without rheumatoid factor, left wrist	Diagnosis	ICD-10-CM
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cder\_mpl1p\_wp085 Page 175 of 390



Code	L0-PCS) Codes Used to Define Baseline Characteristics in this Request  Description	Code Category	Code Type
M06.041	•		ICD-10-CM
	Rheumatoid arthritis without rheumatoid factor, right hand	Diagnosis	
M06.042	Rheumatoid arthritis without rheumatoid factor, left hand	Diagnosis	ICD-10-CM
M06.049	Rheumatoid arthritis without rheumatoid factor, unspecified hand	Diagnosis	ICD-10-CM
M06.051	Rheumatoid arthritis without rheumatoid factor, right hip	Diagnosis	ICD-10-CM
M06.052	Rheumatoid arthritis without rheumatoid factor, left hip	Diagnosis	ICD-10-CM
M06.059	Rheumatoid arthritis without rheumatoid factor, unspecified hip	Diagnosis	ICD-10-CM
M06.061	Rheumatoid arthritis without rheumatoid factor, right knee	Diagnosis	ICD-10-CM
M06.062	Rheumatoid arthritis without rheumatoid factor, left knee	Diagnosis	ICD-10-CM
M06.069	Rheumatoid arthritis without rheumatoid factor, unspecified knee	Diagnosis	ICD-10-CM
M06.071	Rheumatoid arthritis without rheumatoid factor, right ankle and foot	Diagnosis	ICD-10-CM
M06.072	Rheumatoid arthritis without rheumatoid factor, left ankle and foot	Diagnosis	ICD-10-CM
M06.079	Rheumatoid arthritis without rheumatoid factor, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.08	Rheumatoid arthritis without rheumatoid factor, vertebrae	Diagnosis	ICD-10-CM
M06.09	Rheumatoid arthritis without rheumatoid factor, multiple sites	Diagnosis	ICD-10-CM
M06.0A	Rheumatoid arthritis without rheumatoid factor, other specified site	Diagnosis	ICD-10-CM
M06.1	Adult-onset Still's disease	Diagnosis	ICD-10-CM
M06.20	Rheumatoid bursitis, unspecified site	Diagnosis	ICD-10-CM
M06.211	Rheumatoid bursitis, right shoulder	Diagnosis	ICD-10-CM
M06.212	Rheumatoid bursitis, left shoulder	Diagnosis	ICD-10-CM
M06.219	Rheumatoid bursitis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.221	Rheumatoid bursitis, right elbow	Diagnosis	ICD-10-CM
M06.222	Rheumatoid bursitis, left elbow	Diagnosis	ICD-10-CM
M06.229	Rheumatoid bursitis, unspecified elbow	Diagnosis	ICD-10-CM
M06.231	Rheumatoid bursitis, right wrist	Diagnosis	ICD-10-CM
M06.232	Rheumatoid bursitis, left wrist	Diagnosis	ICD-10-CM
M06.232	Rheumatoid bursitis, unspecified wrist	Diagnosis	ICD-10-CIVI
M06.241	Rheumatoid bursitis, right hand	Diagnosis	ICD-10-CIVI
M06.242	Rheumatoid bursitis, left hand	=	ICD-10-CIVI
M06.242		Diagnosis	
	Rheumatoid bursitis, unspecified hand	Diagnosis	ICD-10-CM
M06.251	Rheumatoid bursitis, right hip	Diagnosis	ICD-10-CM
M06.252	Rheumatoid bursitis, left hip	Diagnosis	ICD-10-CM
M06.259	Rheumatoid bursitis, unspecified hip	Diagnosis	ICD-10-CM
M06.261	Rheumatoid bursitis, right knee	Diagnosis	ICD-10-CM
M06.262	Rheumatoid bursitis, left knee	Diagnosis	ICD-10-CM
M06.269	Rheumatoid bursitis, unspecified knee	Diagnosis	ICD-10-CM
M06.271	Rheumatoid bursitis, right ankle and foot	Diagnosis	ICD-10-CM
M06.272	Rheumatoid bursitis, left ankle and foot	Diagnosis	ICD-10-CM
M06.279	Rheumatoid bursitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.28	Rheumatoid bursitis, vertebrae	Diagnosis	ICD-10-CM
M06.29	Rheumatoid bursitis, multiple sites	Diagnosis	ICD-10-CM
M06.30	Rheumatoid nodule, unspecified site	Diagnosis	ICD-10-CM
M06.311	Rheumatoid nodule, right shoulder	Diagnosis	ICD-10-CM
M06.312	Rheumatoid nodule, left shoulder	Diagnosis	ICD-10-CM
M06.319	Rheumatoid nodule, unspecified shoulder	Diagnosis	ICD-10-CM
10100.519	Tilleamatora froatae, anopeomea stroataer	2.0000.0	ICD TO CIVI

cder\_mpl1p\_wp085 Page 176 of 390



Code	Description	Code Category	Code Type
M06.322	Rheumatoid nodule, left elbow	Diagnosis	ICD-10-CM
M06.329	Rheumatoid nodule, unspecified elbow	Diagnosis	ICD-10-CM
M06.331	Rheumatoid nodule, right wrist	Diagnosis	ICD-10-CM
M06.332	Rheumatoid nodule, left wrist	Diagnosis	ICD-10-CM
M06.339	Rheumatoid nodule, unspecified wrist	Diagnosis	ICD-10-CM
M06.341	Rheumatoid nodule, right hand	Diagnosis	ICD-10-CM
M06.342	Rheumatoid nodule, left hand	Diagnosis	ICD-10-CM
M06.349	Rheumatoid nodule, unspecified hand	Diagnosis	ICD-10-CM
M06.351	Rheumatoid nodule, right hip	Diagnosis	ICD-10-CM
M06.352	Rheumatoid nodule, left hip	Diagnosis	ICD-10-CM
M06.359	Rheumatoid nodule, unspecified hip	Diagnosis	ICD-10-CM
M06.361	Rheumatoid nodule, right knee	Diagnosis	ICD-10-CM
M06.362	Rheumatoid nodule, left knee	Diagnosis	ICD-10-CM
M06.369	Rheumatoid nodule, unspecified knee	Diagnosis	ICD-10-CM
M06.371	Rheumatoid nodule, right ankle and foot	Diagnosis	ICD-10-CM
M06.372	Rheumatoid nodule, left ankle and foot	Diagnosis	ICD-10-CM
M06.379	Rheumatoid nodule, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.38	Rheumatoid nodule, vertebrae	Diagnosis	ICD-10-CM
M06.39	Rheumatoid nodule, multiple sites	Diagnosis	ICD-10-CM
M06.80	Other specified rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM
M06.811	Other specified rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M06.812	Other specified rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M06.819	Other specified rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.821	Other specified rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M06.822	Other specified rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M06.829	Other specified rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M06.831	Other specified rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M06.832	Other specified rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M06.839	Other specified rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M06.841	Other specified rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M06.842	Other specified rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M06.849	Other specified rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M06.851	Other specified rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M06.852	Other specified rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M06.859	Other specified rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M06.861	Other specified rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M06.862	Other specified rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M06.869	Other specified rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M06.871	Other specified rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M06.872	Other specified rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M06.879	Other specified rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.88	Other specified rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M06.89	Other specified rheumatoid arthritis, multiple sites	Diagnosis	ICD-10-CM
M06.8A	Other specified rheumatoid arthritis, other specified site	Diagnosis	ICD-10-CM
M06.9	Rheumatoid arthritis, unspecified	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 177 of 390



Code	Description	Code Category	Code Type
M08.00	Unspecified juvenile rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M08.011	Unspecified juvenile rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.012	Unspecified juvenile rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.019	Unspecified juvenile rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.021	Unspecified juvenile rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M08.022	Unspecified juvenile rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M08.029	Unspecified juvenile rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.031	Unspecified juvenile rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M08.032	Unspecified juvenile rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M08.039	Unspecified juvenile rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.041	Unspecified juvenile rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M08.042	Unspecified juvenile rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M08.049	Unspecified juvenile rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.051	Unspecified juvenile rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M08.052	Unspecified juvenile rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M08.059	Unspecified juvenile rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.061	Unspecified juvenile rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M08.062	Unspecified juvenile rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M08.069	Unspecified juvenile rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.071	Unspecified juvenile rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.072	Unspecified juvenile rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.079	Unspecified juvenile rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.08	Unspecified juvenile rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M08.09	Unspecified juvenile rheumatoid arthritis, multiple sites	Diagnosis	ICD-10-CM
M08.0A	Unspecified juvenile rheumatoid arthritis, other specified site	Diagnosis	ICD-10-CM
M08.1	Juvenile ankylosing spondylitis	Diagnosis	ICD-10-CM
M08.20	Juvenile rheumatoid arthritis with systemic onset, unspecified site	Diagnosis	ICD-10-CM
M08.211	Juvenile rheumatoid arthritis with systemic onset, right shoulder	Diagnosis	ICD-10-CM
M08.212	Juvenile rheumatoid arthritis with systemic onset, left shoulder	Diagnosis	ICD-10-CM
M08.219	Juvenile rheumatoid arthritis with systemic onset, unspecified shoulder	Diagnosis	ICD-10-CM
M08.221	Juvenile rheumatoid arthritis with systemic onset, right elbow	Diagnosis	ICD-10-CM
M08.222	Juvenile rheumatoid arthritis with systemic onset, left elbow	Diagnosis	ICD-10-CM
M08.229	Juvenile rheumatoid arthritis with systemic onset, unspecified elbow	Diagnosis	ICD-10-CM
M08.231	Juvenile rheumatoid arthritis with systemic onset, right wrist	Diagnosis	ICD-10-CM
M08.232	Juvenile rheumatoid arthritis with systemic onset, left wrist	Diagnosis	ICD-10-CM
M08.239	Juvenile rheumatoid arthritis with systemic onset, unspecified wrist	Diagnosis	ICD-10-CM
M08.241	Juvenile rheumatoid arthritis with systemic onset, right hand	Diagnosis	ICD-10-CM
M08.242	Juvenile rheumatoid arthritis with systemic onset, left hand	Diagnosis	ICD-10-CM
M08.249	Juvenile rheumatoid arthritis with systemic onset, unspecified hand	Diagnosis	ICD-10-CM
M08.251	Juvenile rheumatoid arthritis with systemic onset, right hip	Diagnosis	ICD-10-CM
M08.252	Juvenile rheumatoid arthritis with systemic onset, left hip	Diagnosis	ICD-10-CM
M08.259	Juvenile rheumatoid arthritis with systemic onset, unspecified hip	Diagnosis	ICD-10-CM
M08.261	Juvenile rheumatoid arthritis with systemic onset, right knee	Diagnosis	ICD-10-CM
M08.262	Juvenile rheumatoid arthritis with systemic onset, left knee	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 178 of 390



Code	Description	Code Category	Code Type
M08.271	Juvenile rheumatoid arthritis with systemic onset, right ankle and foot	Diagnosis	ICD-10-CM
M08.272	Juvenile rheumatoid arthritis with systemic onset, left ankle and foot	Diagnosis	ICD-10-CM
M08.279	Juvenile rheumatoid arthritis with systemic onset, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.28	Juvenile rheumatoid arthritis with systemic onset, vertebrae	Diagnosis	ICD-10-CM
M08.29	Juvenile rheumatoid arthritis with systemic onset, multiple sites	Diagnosis	ICD-10-CM
M08.2A	Juvenile rheumatoid arthritis with systemic onset, other specified site	Diagnosis	ICD-10-CM
M08.3	Juvenile rheumatoid polyarthritis (seronegative)	Diagnosis	ICD-10-CM
M08.40	Pauciarticular juvenile rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM
M08.411	Pauciarticular juvenile rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.412	Pauciarticular juvenile rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.419	Pauciarticular juvenile rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.421	Pauciarticular juvenile rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M08.422	Pauciarticular juvenile rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M08.429	Pauciarticular juvenile rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.431	Pauciarticular juvenile rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M08.432	Pauciarticular juvenile rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M08.439	Pauciarticular juvenile rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.441	Pauciarticular juvenile rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M08.442	Pauciarticular juvenile rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
√108.449	Pauciarticular juvenile rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
√08.451	Pauciarticular juvenile rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
√08.452	Pauciarticular juvenile rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
√08.459	Pauciarticular juvenile rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.461	Pauciarticular juvenile rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M08.462	Pauciarticular juvenile rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M08.469	Pauciarticular juvenile rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.471	Pauciarticular juvenile rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.472	Pauciarticular juvenile rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.479	Pauciarticular juvenile rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
√08.48	Pauciarticular juvenile rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M08.4A	Pauciarticular juvenile rheumatoid arthritis, other specified site	Diagnosis	ICD-10-CM
M08.80	Other juvenile arthritis, unspecified site	Diagnosis	ICD-10-CM
M08.811	Other juvenile arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.812	Other juvenile arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.819	Other juvenile arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.821	Other juvenile arthritis, right elbow	Diagnosis	ICD-10-CM
M08.822	Other juvenile arthritis, left elbow	Diagnosis	ICD-10-CM
M08.829	Other juvenile arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.831	Other juvenile arthritis, right wrist	Diagnosis	ICD-10-CM
M08.832	Other juvenile arthritis, left wrist	Diagnosis	ICD-10-CM
M08.839	Other juvenile arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.841	Other juvenile arthritis, right hand	Diagnosis	ICD-10-CM
M08.842	Other juvenile arthritis, left hand	Diagnosis	ICD-10-CM
M08.849	Other juvenile arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.851	Other juvenile arthritis, right hip	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 179 of 390



Code	Description	Code Category	Code Type
M08.852	Other juvenile arthritis, left hip	Diagnosis	ICD-10-CM
M08.859	Other juvenile arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.861	Other juvenile arthritis, right knee	Diagnosis	ICD-10-CM
M08.862	Other juvenile arthritis, left knee	Diagnosis	ICD-10-CM
M08.869	Other juvenile arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.871	Other juvenile arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.872	Other juvenile arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.879	Other juvenile arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.88	Other juvenile arthritis, other specified site	Diagnosis	ICD-10-CM
M08.89	Other juvenile arthritis, multiple sites	Diagnosis	ICD-10-CM
M08.90	Juvenile arthritis, unspecified, unspecified site	Diagnosis	ICD-10-CM
M08.911	Juvenile arthritis, unspecified, right shoulder	Diagnosis	ICD-10-CM
M08.912	Juvenile arthritis, unspecified, left shoulder	Diagnosis	ICD-10-CM
M08.919	Juvenile arthritis, unspecified, unspecified shoulder	Diagnosis	ICD-10-CM
M08.921	Juvenile arthritis, unspecified, right elbow	Diagnosis	ICD-10-CM
M08.922	Juvenile arthritis, unspecified, left elbow	Diagnosis	ICD-10-CM
M08.929	Juvenile arthritis, unspecified, unspecified elbow	Diagnosis	ICD-10-CM
M08.931	Juvenile arthritis, unspecified, right wrist	Diagnosis	ICD-10-CM
M08.932	Juvenile arthritis, unspecified, left wrist	Diagnosis	ICD-10-CM
M08.939	Juvenile arthritis, unspecified, unspecified wrist	Diagnosis	ICD-10-CM
M08.941	Juvenile arthritis, unspecified, right hand	Diagnosis	ICD-10-CM
M08.942	Juvenile arthritis, unspecified, left hand	Diagnosis	ICD-10-CM
M08.949	Juvenile arthritis, unspecified, unspecified hand	Diagnosis	ICD-10-CM
M08.951	Juvenile arthritis, unspecified, right hip	Diagnosis	ICD-10-CM
M08.952	Juvenile arthritis, unspecified, left hip	Diagnosis	ICD-10-CM
M08.959	Juvenile arthritis, unspecified, unspecified hip	Diagnosis	ICD-10-CM
M08.961	Juvenile arthritis, unspecified, right knee	Diagnosis	ICD-10-CM
M08.962	Juvenile arthritis, unspecified, left knee	Diagnosis	ICD-10-CM
M08.969	Juvenile arthritis, unspecified, unspecified knee	Diagnosis	ICD-10-CM
M08.971	Juvenile arthritis, unspecified, right ankle and foot	Diagnosis	ICD-10-CM
M08.972	Juvenile arthritis, unspecified, left ankle and foot	Diagnosis	ICD-10-CM
M08.979	Juvenile arthritis, unspecified, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.98	Juvenile arthritis, unspecified, vertebrae	Diagnosis	ICD-10-CM
M08.99	Juvenile arthritis, unspecified, multiple sites	Diagnosis	ICD-10-CM
M08.9A	Juvenile arthritis, unspecified, other specified site	Diagnosis	ICD-10-CM
M15.0	Primary generalized (osteo)arthritis	Diagnosis	ICD-10-CM
M15.1	Heberden's nodes (with arthropathy)	Diagnosis	ICD-10-CM
M15.2	Bouchard's nodes (with arthropathy)	Diagnosis	ICD-10-CM
M15.3	Secondary multiple arthritis	Diagnosis	ICD-10-CM
M15.4	Erosive (osteo)arthritis	Diagnosis	ICD-10-CM
M15.8	Other polyosteoarthritis	Diagnosis	ICD-10-CM
M15.9	Polyosteoarthritis, unspecified	Diagnosis	ICD-10-CM
M16.0	Bilateral primary osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.10	Unilateral primary osteoarthritis, unspecified hip	Diagnosis	ICD-10-CM
M16.11	Unilateral primary osteoarthritis, right hip	Diagnosis	ICD-10-CM
INITO'TT	Omiateral primary osteoarthritis, right hip	Diagnosis	ICD-TO-CINI

cder\_mpl1p\_wp085 Page 180 of 390



Code	Description	<b>Code Category</b>	Code Type
M16.12	Unilateral primary osteoarthritis, left hip	Diagnosis	ICD-10-CM
116.2	Bilateral osteoarthritis resulting from hip dysplasia	Diagnosis	ICD-10-CM
116.30	Unilateral osteoarthritis resulting from hip dysplasia, unspecified hip	Diagnosis	ICD-10-CM
116.31	Unilateral osteoarthritis resulting from hip dysplasia, right hip	Diagnosis	ICD-10-CM
116.32	Unilateral osteoarthritis resulting from hip dysplasia, left hip	Diagnosis	ICD-10-CM
116.4	Bilateral post-traumatic osteoarthritis of hip	Diagnosis	ICD-10-CM
116.50	Unilateral post-traumatic osteoarthritis, unspecified hip	Diagnosis	ICD-10-CM
116.51	Unilateral post-traumatic osteoarthritis, right hip	Diagnosis	ICD-10-CM
116.52	Unilateral post-traumatic osteoarthritis, left hip	Diagnosis	ICD-10-CM
116.6	Other bilateral secondary osteoarthritis of hip	Diagnosis	ICD-10-CM
116.7	Other unilateral secondary osteoarthritis of hip	Diagnosis	ICD-10-CM
116.9	Osteoarthritis of hip, unspecified	Diagnosis	ICD-10-CM
117.0	Bilateral primary osteoarthritis of knee	Diagnosis	ICD-10-CM
117.10	Unilateral primary osteoarthritis, unspecified knee	Diagnosis	ICD-10-CM
117.11	Unilateral primary osteoarthritis, right knee	Diagnosis	ICD-10-CM
117.12	Unilateral primary osteoarthritis, left knee	Diagnosis	ICD-10-CM
117.2	Bilateral post-traumatic osteoarthritis of knee	Diagnosis	ICD-10-CM
117.30	Unilateral post-traumatic osteoarthritis, unspecified knee	Diagnosis	ICD-10-CM
117.31	Unilateral post-traumatic osteoarthritis, right knee	Diagnosis	ICD-10-CM
117.32	Unilateral post-traumatic osteoarthritis, left knee	Diagnosis	ICD-10-CM
117.4	Other bilateral secondary osteoarthritis of knee	Diagnosis	ICD-10-CM
17.5	Other unilateral secondary osteoarthritis of knee	Diagnosis	ICD-10-CM
117.9	Osteoarthritis of knee, unspecified	Diagnosis	ICD-10-CM
118.0	Bilateral primary osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM
118.10	Unilateral primary osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM
118.11	Unilateral primary osteoarthritis of first carpometacarpal joint, right hand	Diagnosis	ICD-10-CM
118.12	Unilateral primary osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
118.2	Bilateral post-traumatic osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM
118.30	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM
18.31	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, right hand	Diagnosis	ICD-10-CM
18.32	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
18.4	Other bilateral secondary osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM
118.50	Other unilateral secondary osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM
18.51	Other unilateral secondary osteoarthritis of first carpometacarpal joint, right	Diagnosis	ICD-10-CM
118.52	Other unilateral secondary osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
18.9	Osteoarthritis of first carpometacarpal joint, unspecified	Diagnosis	ICD-10-CM
19.011	Primary osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
119.012	Primary osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
119.019	Primary osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM
119.021	Primary osteoarthritis, right elbow	Diagnosis	ICD-10-CM
119.022	Primary osteoarthritis, left elbow	Diagnosis	ICD-10-CM
119.029	Primary osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
119.031	Primary osteoarthritis, right wrist	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 181 of 390



Code	Description	Code Category	Code Type
M19.032	Primary osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.039	Primary osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.041	Primary osteoarthritis, right hand	Diagnosis	ICD-10-CM
M19.042	Primary osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.049	Primary osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.071	Primary osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.072	Primary osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.079	Primary osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M19.09	Primary osteoarthritis, other specified site	Diagnosis	ICD-10-CM
M19.111	Post-traumatic osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
M19.112	Post-traumatic osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
M19.119	Post-traumatic osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M19.121	Post-traumatic osteoarthritis, right elbow	Diagnosis	ICD-10-CM
M19.122	Post-traumatic osteoarthritis, left elbow	Diagnosis	ICD-10-CM
M19.129	Post-traumatic osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
M19.131	Post-traumatic osteoarthritis, right wrist	Diagnosis	ICD-10-CM
M19.132	Post-traumatic osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.139	Post-traumatic osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.141	Post-traumatic osteoarthritis, right hand	Diagnosis	ICD-10-CM
M19.142	Post-traumatic osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.149	Post-traumatic osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.171	Post-traumatic osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.172	Post-traumatic osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.179	Post-traumatic osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M19.19	Post-traumatic osteoarthritis, other specified site	Diagnosis	ICD-10-CM
M19.211	Secondary osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
M19.212	Secondary osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
M19.219	Secondary osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M19.221	Secondary osteoarthritis, right elbow	Diagnosis	ICD-10-CM
M19.222	Secondary osteoarthritis, left elbow	Diagnosis	ICD-10-CM
M19.229	Secondary osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
M19.231	Secondary osteoarthritis, right wrist	Diagnosis	ICD-10-CM
M19.232	Secondary osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.239	Secondary osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.241	Secondary osteoarthritis, right hand	Diagnosis	ICD-10-CM
M19.242	Secondary osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.249	Secondary osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.271	Secondary osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.272	Secondary osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.279	Secondary osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M19.29	Secondary osteoarthritis, other specified site	Diagnosis	ICD-10-CM
M19.90	Unspecified osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.91	Primary osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.92	Post-traumatic osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.93	Secondary osteoarthritis, unspecified site	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 182 of 390



Code	Description	Code Category	Code Type
И25.50	Pain in unspecified joint	Diagnosis	ICD-10-CM
125.511	Pain in right shoulder	Diagnosis	ICD-10-CM
125.512	Pain in left shoulder	Diagnosis	ICD-10-CM
125.519	Pain in unspecified shoulder	Diagnosis	ICD-10-CM
125.551	Pain in right hip	Diagnosis	ICD-10-CM
125.552	Pain in left hip	Diagnosis	ICD-10-CM
125.559	Pain in unspecified hip	Diagnosis	ICD-10-CM
125.561	Pain in right knee	Diagnosis	ICD-10-CM
125.562	Pain in left knee	Diagnosis	ICD-10-CM
125.569	Pain in unspecified knee	Diagnosis	ICD-10-CM
125.571	Pain in right ankle and joints of right foot	Diagnosis	ICD-10-CM
125.572	Pain in left ankle and joints of left foot	Diagnosis	ICD-10-CM
125.579	Pain in unspecified ankle and joints of unspecified foot	Diagnosis	ICD-10-CM
125.78	Osteophyte, vertebrae	Diagnosis	ICD-10-CM
143.20	Fusion of spine, site unspecified	Diagnosis	ICD-10-CM
143.21	Fusion of spine, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
143.22	Fusion of spine, cervical region	Diagnosis	ICD-10-CM
143.23	Fusion of spine, cervicothoracic region	Diagnosis	ICD-10-CM
143.24	Fusion of spine, thoracic region	Diagnosis	ICD-10-CM
143.25	Fusion of spine, thoracolumbar region	Diagnosis	ICD-10-CM
143.26	Fusion of spine, lumbar region	Diagnosis	ICD-10-CM
143.27	Fusion of spine, lumbosacral region	Diagnosis	ICD-10-CM
143.28	Fusion of spine, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
143.6	Torticollis	Diagnosis	ICD-10-CM
143.8X9	Other specified deforming dorsopathies, site unspecified	Diagnosis	ICD-10-CM
145.0	Ankylosing spondylitis of multiple sites in spine	Diagnosis	ICD-10-CM
145.1	Ankylosing spondylitis of occipito-atlanto-axial region	Diagnosis	ICD-10-CM
145.2	Ankylosing spondylitis of cervical region	Diagnosis	ICD-10-CM
145.3	Ankylosing spondylitis of cervicothoracic region	Diagnosis	ICD-10-CM
145.4	Ankylosing spondylitis of thoracic region	Diagnosis	ICD-10-CM
145.5	Ankylosing spondylitis of thoracolumbar region	Diagnosis	ICD-10-CM
145.6	Ankylosing spondylitis lumbar region	Diagnosis	ICD-10-CM
145.7	Ankylosing spondylitis of lumbosacral region	Diagnosis	ICD-10-CM
145.8	Ankylosing spondylitis sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
145.9	Ankylosing spondylitis of unspecified sites in spine	Diagnosis	ICD-10-CM
146.1	Sacroiliitis, not elsewhere classified	Diagnosis	ICD-10-CM
146.41	Discitis, unspecified, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
46.42	Discitis, unspecified, cervical region	Diagnosis	ICD-10-CM
46.43	Discitis, unspecified, cervicothoracic region	Diagnosis	ICD-10-CM
146.44	Discitis, unspecified, thoracic region	Diagnosis	ICD-10-CM
146.45	Discitis, unspecified, thoracolumbar region	Diagnosis	ICD-10-CM
146.46	Discitis, unspecified, lumbar region	Diagnosis	ICD-10-CM
146.47	Discitis, unspecified, lumbosacral region	Diagnosis	ICD-10-CM
146.90	Unspecified inflammatory spondylopathy, site unspecified	Diagnosis	ICD-10-CM
146.91	Unspecified inflammatory spondylopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 183 of 390



Code	Description	Code Category	Code Type
Л46.92	Unspecified inflammatory spondylopathy, cervical region	Diagnosis	ICD-10-CM
146.93	Unspecified inflammatory spondylopathy, cervicothoracic region	Diagnosis	ICD-10-CM
146.94	Unspecified inflammatory spondylopathy, thoracic region	Diagnosis	ICD-10-CM
146.95	Unspecified inflammatory spondylopathy, thoracolumbar region	Diagnosis	ICD-10-CM
146.96	Unspecified inflammatory spondylopathy, lumbar region	Diagnosis	ICD-10-CM
146.97	Unspecified inflammatory spondylopathy, lumbosacral region	Diagnosis	ICD-10-CM
146.98	Unspecified inflammatory spondylopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
146.99	Unspecified inflammatory spondylopathy, multiple sites in spine	Diagnosis	ICD-10-CM
147.011	Anterior spinal artery compression syndromes, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
147.012	Anterior spinal artery compression syndromes, cervical region	Diagnosis	ICD-10-CM
147.013	Anterior spinal artery compression syndromes, cervicothoracic region	Diagnosis	ICD-10-CM
147.014	Anterior spinal artery compression syndromes, thoracic region	Diagnosis	ICD-10-CM
147.015	Anterior spinal artery compression syndromes, thoracolumbar region	Diagnosis	ICD-10-CM
147.016	Anterior spinal artery compression syndromes, lumbar region	Diagnosis	ICD-10-CM
147.019	Anterior spinal artery compression syndromes, site unspecified	Diagnosis	ICD-10-CM
147.021	Vertebral artery compression syndromes, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
147.022	Vertebral artery compression syndromes, cervical region	Diagnosis	ICD-10-CM
147.029	Vertebral artery compression syndromes, site unspecified	Diagnosis	ICD-10-CM
147.10	Other spondylosis with myelopathy, site unspecified	Diagnosis	ICD-10-CM
147.11	Other spondylosis with myelopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
147.12	Other spondylosis with myelopathy, cervical region	Diagnosis	ICD-10-CM
147.13	Other spondylosis with myelopathy, cervicothoracic region	Diagnosis	ICD-10-CM
147.14	Other spondylosis with myelopathy, thoracic region	Diagnosis	ICD-10-CM
147.15	Other spondylosis with myelopathy, thoracolumbar region	Diagnosis	ICD-10-CM
147.16	Other spondylosis with myelopathy, lumbar region	Diagnosis	ICD-10-CM
147.20	Other spondylosis with radiculopathy, site unspecified	Diagnosis	ICD-10-CM
147.21	Other spondylosis with radiculopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
147.22	Other spondylosis with radiculopathy, cervical region	Diagnosis	ICD-10-CM
147.23	Other spondylosis with radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
147.24	Other spondylosis with radiculopathy, thoracic region	Diagnosis	ICD-10-CM
147.25	Other spondylosis with radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
147.26	Other spondylosis with radiculopathy, lumbar region	Diagnosis	ICD-10-CM
147.27	Other spondylosis with radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
147.28	Other spondylosis with radiculopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
147.811	Spondylosis without myelopathy or radiculopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
147.812	Spondylosis without myelopathy or radiculopathy, cervical region	Diagnosis	ICD-10-CM
147.813	Spondylosis without myelopathy or radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
147.814	Spondylosis without myelopathy or radiculopathy, thoracic region	Diagnosis	ICD-10-CM
147.815	Spondylosis without myelopathy or radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
147.816	Spondylosis without myelopathy or radiculopathy, lumbar region	Diagnosis	ICD-10-CM
147.817	Spondylosis without myelopathy or radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
147.818	Spondylosis without myelopathy or radiculopathy, sacral and sacrococcygeal	Diagnosis	ICD-10-CM
-	region	<b>5</b>	
147.819	Spondylosis without myelopathy or radiculopathy, site unspecified	Diagnosis	ICD-10-CM
147.891	Other spondylosis, occipito-atlanto-axial region	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 184 of 390



M47.892 Other spondylosis, cervical region Diagnosis (CD-10-CM M47.893 Other spondylosis, theracic region Diagnosis (CD-10-CM M47.895 Other spondylosis, thoracic region Diagnosis (CD-10-CM M47.895 Other spondylosis, theracic region Diagnosis (CD-10-CM M47.895 Other spondylosis, tumbar region Diagnosis (CD-10-CM M47.896 Other spondylosis, lumbosacral region Diagnosis (CD-10-CM M47.897 Other spondylosis, sacral and sacrococcygeal region Diagnosis (CD-10-CM M47.898 Other spondylosis, sacral and sacrococcygeal region Diagnosis (CD-10-CM M47.899 Other spondylosis, sacral and sacrococcygeal region Diagnosis (CD-10-CM M47.899 Other spondylosis, sacral and sacrococcygeal region Diagnosis (CD-10-CM M47.899 Other spondylosis, sacral and sacrococcygeal region Diagnosis (CD-10-CM M48.04 Spinal stenosis, thoracic region Diagnosis (CD-10-CM M48.05 Spinal stenosis, thoracic region Diagnosis (CD-10-CM M48.06) Spinal stenosis, tumbas region without neurogenic claudication Diagnosis (CD-10-CM M48.06) Spinal stenosis, tumbas region without neurogenic claudication Diagnosis (CD-10-CM M48.07 Spinal stenosis, sacral and sacrococcygeal region Diagnosis (CD-10-CM M48.10 Ankylosing hyperostosis [Forestier], ste unspecified Diagnosis (CD-10-CM M48.11 Ankylosing hyperostosis [Forestier], secritor and pack	Code	Description	Code Category	Code Type
M47.895 Other spondylosis, thoracci region Diagnosis ICD-10-CM M47.895 Other spondylosis, thoracolumbar region Diagnosis ICD-10-CM M47.896 Other spondylosis, lumbosacral region Diagnosis ICD-10-CM M47.897 Other spondylosis, lumbosacral region Diagnosis ICD-10-CM M47.898 Other spondylosis, sareal and sacrococcygeal region Diagnosis ICD-10-CM M47.899 Other spondylosis, site unspecified Diagnosis ICD-10-CM M48.04 Spinal stenosis, thoracci region Diagnosis ICD-10-CM M48.05 Spinal stenosis, thoracci region Without neurogenic claudication Diagnosis ICD-10-CM M48.05 Spinal stenosis, lumbosacral region Diagnosis ICD-10-CM M48.061 Spinal stenosis, lumbosacral region Diagnosis ICD-10-CM M48.07 Spinal stenosis, lumbosacral region Diagnosis ICD-10-CM M48.08 Spinal stenosis, sacral and sacrococcygeal region Diagnosis ICD-10-CM M48.08 Ankylosing hyperostosis [Forestier], cervical region Diagnosis ICD-10-CM M48.11 Ankylosing hyperostosis [Forestier], cervical region Diagnosis ICD-10-CM M48.12 Ankylosing hyperostosis [Forestier], cervical region Diagnosis ICD-10-CM M48.13 Ankylosing hyperostosis [Forestier], thoracci region Diagnosis ICD-10-CM M48.14 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.15 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.16 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.17 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.18 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.18 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.8X Other specified spondylopathies, cervical region Diagnosis ICD-10-CM M48.8X Other specified spondylopathies, cervical region Diagnosis ICD-10-CM M48.8X Other specified spondylopathies, unmar region Diagnosis ICD-10-CM M48.8X Other sp	M47.892	Other spondylosis, cervical region	Diagnosis	ICD-10-CM
M47.895 Other spondylosis, thoracolumbar region Diagnosis ICD-10-CM M47.896 Other spondylosis, jumbar region Diagnosis ICD-10-CM M47.897 Other spondylosis, jumbosacral region Diagnosis ICD-10-CM M47.898 Other spondylosis, sacral and sacrococcygeal region Diagnosis ICD-10-CM M47.899 Other spondylosis, sacral and sacrococcygeal region Diagnosis ICD-10-CM M47.899 Other spondylosis, suspecified Diagnosis ICD-10-CM M47.899 Other spondylosis, unspecified Diagnosis ICD-10-CM M48.04 Spinal stenosis, thoracclumbar region Diagnosis ICD-10-CM M48.05 Spinal stenosis, thoracclumbar region Diagnosis ICD-10-CM M48.05 Spinal stenosis, thoracclumbar region without neurogenic claudication Diagnosis ICD-10-CM M48.07 Spinal stenosis, jumbosacral region Diagnosis ICD-10-CM M48.08 Spinal stenosis, jumbosacral region Diagnosis ICD-10-CM M48.09 Spinal stenosis, jumbosacral region Diagnosis ICD-10-CM M48.10 Ankylosing hyperostosis [Forestier], set unspecified Diagnosis ICD-10-CM M48.11 Ankylosing hyperostosis [Forestier], ecrivical region Diagnosis ICD-10-CM M48.11 Ankylosing hyperostosis [Forestier], ecrivical region Diagnosis ICD-10-CM M48.13 Ankylosing hyperostosis [Forestier], cervical region Diagnosis ICD-10-CM M48.14 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.15 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.16 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.17 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.18 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.19 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.19 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.8X0 Other specified spondylopathies, cervical region Diagnosis ICD-10-CM M48.8X1 Other specified spondylopathies, cervical material region Diagnosis ICD-10-CM M48.8X3 Other specified spondylopathies, cervical region Diagnosis ICD-10-CM M48.8X3 Other specified spondylopathies, unbar re	M47.893	Other spondylosis, cervicothoracic region	Diagnosis	ICD-10-CM
M47.895 Other spondylosis, lumbar region Diagnosis ICD-10-CM M47.897 Other spondylosis, lumbosacral region Diagnosis ICD-10-CM M47.898 Other spondylosis, sacral and sacrococygeal region Diagnosis ICD-10-CM M47.899 Other spondylosis, sacral and sacrococygeal region Diagnosis ICD-10-CM M47.9 Spondylosis, use unspecified Diagnosis ICD-10-CM M47.9 Spinal stenosis, thoracic region Diagnosis ICD-10-CM M48.04 Spinal stenosis, thoracic region Diagnosis ICD-10-CM M48.05 Spinal stenosis, lumbar region without neurogenic claudication Diagnosis ICD-10-CM M48.06 Spinal stenosis, lumbar region without neurogenic claudication Diagnosis ICD-10-CM M48.07 Spinal stenosis, lumbar region Diagnosis ICD-10-CM M48.08 Spinal stenosis, sacral and sacrococygeal region Diagnosis ICD-10-CM M48.10 Ankylosing hyperostosis [Forestier], occipito-atlanto-axial region Diagnosis ICD-10-CM M48.11 Ankylosing hyperostosis [Forestier], occipito-atlanto-axial region Diagnosis ICD-10-CM M48.12 Ankylosing hyperostosis [Forestier], cervical region Diagnosis ICD-10-CM M48.13 Ankylosing hyperostosis [Forestier], thoracic region Diagnosis ICD-10-CM M48.14 Ankylosing hyperostosis [Forestier], thoracic region Diagnosis ICD-10-CM M48.15 Ankylosing hyperostosis [Forestier], thoracic region Diagnosis ICD-10-CM M48.16 Ankylosing hyperostosis [Forestier], lumbosacral region Diagnosis ICD-10-CM M48.17 Ankylosing hyperostosis [Forestier], lumbosacral region Diagnosis ICD-10-CM M48.18 Ankylosing hyperostosis [Forestier], lumbosacral region Diagnosis ICD-10-CM M48.18 Ankylosing hyperostosis [Forestier], lumbosacral region Diagnosis ICD-10-CM M48.19 Ankylosing hyperostosis [Forestier], lumboracral region Diagnosis ICD-10-CM M48.8X1 Other specified spondylopathies, occipito-atlanto-axial region Diagnosis ICD-10-CM M48.8X2 Other specified spondylopathies, cervical region Diagnosis ICD-10-CM M48.8X3 Other specified spondylopathies, cervical region Diagnosis ICD-10-CM M48.8X3 Other specified spondylopathies, lumbar region Diagnosis ICD-10-CM M48.8X3 Other specified spondy	M47.894	Other spondylosis, thoracic region	Diagnosis	ICD-10-CM
M47.897 Other spondylosis, lumbosacral region Diagnosis ICD-10-CM M47.898 Other spondylosis, sacral and sacrococygeal region Diagnosis ICD-10-CM M47.899 Other spondylosis, sunspecified Diagnosis ICD-10-CM M47.899 Spondylosis, unspecified Diagnosis ICD-10-CM M48.04 Spinal stenosis, thoracic region Diagnosis ICD-10-CM M48.04 Spinal stenosis, thoracolumbar region Diagnosis ICD-10-CM M48.05 Spinal stenosis, thoracolumbar region Diagnosis ICD-10-CM M48.061 Spinal stenosis, lumbosacral region Diagnosis ICD-10-CM M48.07 Spinal stenosis, lumbosacral region Diagnosis ICD-10-CM M48.07 Spinal stenosis, surband sacrococygeal region Diagnosis ICD-10-CM M48.07 Spinal stenosis, surband sacrococygeal region Diagnosis ICD-10-CM M48.10 Ankylosing hyperostosis [Forestier], site unspecified Diagnosis ICD-10-CM M48.11 Ankylosing hyperostosis [Forestier], occipito-atlanto-axial region Diagnosis ICD-10-CM M48.12 Ankylosing hyperostosis [Forestier], cervicothoracic region Diagnosis ICD-10-CM M48.13 Ankylosing hyperostosis [Forestier], thoracic region Diagnosis ICD-10-CM M48.14 Ankylosing hyperostosis [Forestier], thoracic region Diagnosis ICD-10-CM M48.15 Ankylosing hyperostosis [Forestier], thoracic region Diagnosis ICD-10-CM M48.16 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.17 Ankylosing hyperostosis [Forestier], sacral and sacrococygeal region Diagnosis ICD-10-CM M48.18 Ankylosing hyperostosis [Forestier], sacral and sacrococygeal region Diagnosis ICD-10-CM M48.19 Ankylosing hyperostosis [Forestier], sacral and sacrococygeal region Diagnosis ICD-10-CM M48.8X Other specified spondylopathies, cervical region Diagnosis ICD-10-CM M48.8X Other specified spondylopathies, cervical region Diagnosis ICD-10-CM M48.8X Other specified spondylopathies, thoracic region Diagnosis ICD-10-CM M48.8X Other specified spondylopathies, thoracic region Diagnosis ICD-10-CM M48.8X Other specified spondylopathies, thoracic region Diagnosis ICD-10-CM M48.8X Other specified spondylopathies, servical region Diagnosis ICD-10-CM M	M47.895	Other spondylosis, thoracolumbar region	Diagnosis	ICD-10-CM
M47.898 Other spondylosis, sacral and sacrococcygeal region Diagnosis ICD-10-CM M47.899 Other spondylosis, site unspecified Diagnosis ICD-10-CM M48.04 Spinal stenosis, thoracic region Diagnosis ICD-10-CM M48.04 Spinal stenosis, thoracolumbar region Diagnosis ICD-10-CM M48.05 Spinal stenosis, thoracolumbar region Without neurogenic claudication Diagnosis ICD-10-CM M48.07 Spinal stenosis, lumbar region without neurogenic claudication Diagnosis ICD-10-CM M48.07 Spinal stenosis, sacral and sacrococcygeal region Diagnosis ICD-10-CM M48.08 Spinal stenosis, sacral and sacrococcygeal region Diagnosis ICD-10-CM M48.08 Spinal stenosis, sacral and sacrococcygeal region Diagnosis ICD-10-CM M48.11 Ankylosing hyperostosis [Forestier], cervical region Diagnosis ICD-10-CM M48.12 Ankylosing hyperostosis [Forestier], cervical region Diagnosis ICD-10-CM M48.13 Ankylosing hyperostosis [Forestier], cervical region Diagnosis ICD-10-CM M48.14 Ankylosing hyperostosis [Forestier], thoracic region Diagnosis ICD-10-CM M48.15 Ankylosing hyperostosis [Forestier], thoracic region Diagnosis ICD-10-CM M48.16 Ankylosing hyperostosis [Forestier], thoracic region Diagnosis ICD-10-CM M48.17 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.18 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.19 Ankylosing hyperostosis [Forestier], lumbar region Diagnosis ICD-10-CM M48.19 Ankylosing hyperostosis [Forestier], multiple sites in spine Diagnosis ICD-10-CM M48.81 Ankylosing hyperostosis [Forestier], multiple sites in spine Diagnosis ICD-10-CM M48.81 Other specified spondylopathies, cervical region Diagnosis ICD-10-CM M48.81 Other specified spondylopathies, cervical region Diagnosis ICD-10-CM M48.81 Other specified spondylopathies, thoracic region Diagnosis ICD-10-CM M48.81 Other	M47.896	Other spondylosis, lumbar region	Diagnosis	ICD-10-CM
M47.899         Other spondylosis, unspecified         Diagnosis         ICD-10-CM           M47.9         Spondylosis, unspecified         Diagnosis         ICD-10-CM           M48.04         Spinal stenosis, thoracc region         Diagnosis         ICD-10-CM           M48.05         Spinal stenosis, thoraccolumbar region         Diagnosis         ICD-10-CM           M48.061         Spinal stenosis, lumbosacral region         Diagnosis         ICD-10-CM           M48.08         Spinal stenosis, sacral and sacrococcygeal region         Diagnosis         ICD-10-CM           M48.10         Ankylosing hyperostosis [Forestier], circlich-atlanto-axial region         Diagnosis         ICD-10-CM           M48.12         Ankylosing hyperostosis [Forestier], cervical region         Diagnosis         ICD-10-CM           M48.13         Ankylosing hyperostosis [Forestier], cervical region         Diagnosis         ICD-10-CM           M48.14         Ankylosing hyperostosis [Forestier], thoracclumbar region         Diagnosis         ICD-10-CM           M48.15         Ankylosing hyperostosis [Forestier], thoracclumbar region         Diagnosis         ICD-10-CM           M48.16         Ankylosing hyperostosis [Forestier], broascarla region         Diagnosis         ICD-10-CM           M48.18         Ankylosing hyperostosis [Forestier], broascarla region         D	M47.897	Other spondylosis, lumbosacral region	Diagnosis	ICD-10-CM
M47.9 Spondylosis, unspecified M48.04 Spinal stenosis, thoracic region M48.05 Spinal stenosis, thoracic region M48.061 Spinal stenosis, thoracic region M48.061 Spinal stenosis, thoracic region M48.061 Spinal stenosis, lumbar region without neurogenic claudication M48.07 Spinal stenosis, lumbosacral region M48.08 Spinal stenosis, sacral and sacrococcygeal region M48.10 Ankylosing hyperostosis [Forestier], site unspecified M48.11 Ankylosing hyperostosis [Forestier], site unspecified M48.12 Ankylosing hyperostosis [Forestier], cervical region M48.13 Ankylosing hyperostosis [Forestier], cervical region M48.14 Ankylosing hyperostosis [Forestier], cervical region M48.15 Ankylosing hyperostosis [Forestier], cervical region M48.16 Ankylosing hyperostosis [Forestier], cervical region M48.17 Ankylosing hyperostosis [Forestier], thoracic region M48.18 Ankylosing hyperostosis [Forestier], thoracic region M48.19 Ankylosing hyperostosis [Forestier], thoracic region M48.10 Ankylosing hyperostosis [Forestier], thoracic region M48.11 Ankylosing hyperostosis [Forestier], lumbar region M48.12 Ankylosing hyperostosis [Forestier], lumbar region M48.13 Ankylosing hyperostosis [Forestier], lumbar region M48.14 Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal region M48.17 Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal region M48.18 Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal region M48.19 Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal region M48.80 Other specified spondylopathies, cervical region M48.80 Other specified spondylopathies, cervical region M48.80 Other specified spondylopathies, cervical region M48.80 Other specified spondylopathies, thoracic region M48.80 Other specified spondylopathies, unbar region M48.80 Other specified spondylopathie	M47.898	Other spondylosis, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M48.04 Spinal stenosis, thoracic region M48.05 Spinal stenosis, thoracolumbar region M48.061 Spinal stenosis, lumbar region without neurogenic claudication M48.07 Spinal stenosis, lumbar region without neurogenic claudication M48.08 Spinal stenosis, lumboracral region M48.08 Spinal stenosis, sarcal and sacrococcygeal region M48.10 Ankylosing hyperostosis [Forestier], site unspecified M48.11 Ankylosing hyperostosis [Forestier], occipito-atlanto-axial region M48.12 Ankylosing hyperostosis [Forestier], cocipito-atlanto-axial region M48.13 Ankylosing hyperostosis [Forestier], cervical region M48.14 Ankylosing hyperostosis [Forestier], cervical region M48.15 Ankylosing hyperostosis [Forestier], cervical region M48.16 Ankylosing hyperostosis [Forestier], thoracic region M48.17 Ankylosing hyperostosis [Forestier], thoracic region M48.18 Ankylosing hyperostosis [Forestier], thoracic region M48.19 Ankylosing hyperostosis [Forestier], thoracic region M48.10 Diagnosis M48.11 Ankylosing hyperostosis [Forestier], thoracic region M48.12 Ankylosing hyperostosis [Forestier], thoracic region M48.13 Ankylosing hyperostosis [Forestier], lumbar region M48.14 Ankylosing hyperostosis [Forestier], lumbar region M48.15 Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal region Diagnosis M48.19 Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal region M48.19 Ankylosing hyperostosis [Forestier], multiple sites in spine Diagnosis M48.80 Other specified spondylopathies, occipito-atlanto-axial region Diagnosis M48.81 Other specified spondylopathies, cervicothoracic region Diagnosis M48.82 Other specified spondylopathies, thoracic region Diagnosis M48.83 Other specified spondylopathies, thoracic region Diagnosis D	M47.899	Other spondylosis, site unspecified	Diagnosis	ICD-10-CM
M48.05         Spinal stenosis, thoracolumbar region         Diagnosis         ICD-10-CM           M48.061         Spinal stenosis, lumbos region without neurogenic claudication         Diagnosis         ICD-10-CM           M48.08         Spinal stenosis, sacral and sacrococcygeal region         Diagnosis         ICD-10-CM           M48.10         Ankylosing hyperostosis [Forestier], site unspecified         Diagnosis         ICD-10-CM           M48.11         Ankylosing hyperostosis [Forestier], cervical region         Diagnosis         ICD-10-CM           M48.12         Ankylosing hyperostosis [Forestier], cervical region         Diagnosis         ICD-10-CM           M48.13         Ankylosing hyperostosis [Forestier], cervical region         Diagnosis         ICD-10-CM           M48.14         Ankylosing hyperostosis [Forestier], thoracic region         Diagnosis         ICD-10-CM           M48.16         Ankylosing hyperostosis [Forestier], thoracolumbar region         Diagnosis         ICD-10-CM           M48.16         Ankylosing hyperostosis [Forestier], lumbosacral region         Diagnosis         ICD-10-CM           M48.17         Ankylosing hyperostosis [Forestier], sacral and sacrococygeal region         Diagnosis         ICD-10-CM           M48.819         Ankylosing hyperostosis [Forestier], sacral and sacrococygeal region         Diagnosis         ICD-10-CM      <	M47.9	Spondylosis, unspecified	Diagnosis	ICD-10-CM
M48.061         Spinal stenosis, lumbar region without neurogenic claudication         Diagnosis         ICD-10-CM           M48.07         Spinal stenosis, lumbosacral region         Diagnosis         ICD-10-CM           M48.08         Spinal stenosis, sacral and sacrococcygeal region         Diagnosis         ICD-10-CM           M48.10         Ankylosing hyperostosis [Forestier], occipito-atlanto-axial region         Diagnosis         ICD-10-CM           M48.11         Ankylosing hyperostosis [Forestier], cervical region         Diagnosis         ICD-10-CM           M48.12         Ankylosing hyperostosis [Forestier], cervical region         Diagnosis         ICD-10-CM           M48.14         Ankylosing hyperostosis [Forestier], thoracci region         Diagnosis         ICD-10-CM           M48.15         Ankylosing hyperostosis [Forestier], lumbar region         Diagnosis         ICD-10-CM           M48.16         Ankylosing hyperostosis [Forestier], lumbosacral region         Diagnosis         ICD-10-CM           M48.18         Ankylosing hyperostosis [Forestier], multiple sites in spine         Diagnosis         ICD-10-CM           M48.19         Ankylosing hyperostosis [Forestier], multiple sites in spine         Diagnosis         ICD-10-CM           M48.81         Ankylosing hyperostosis [Forestier], multiple sites in spine         Diagnosis         ICD-10-CM	M48.04	Spinal stenosis, thoracic region	Diagnosis	ICD-10-CM
M48.07Spinal stenosis, lumbosacral regionDiagnosisICD-10-CMM48.08Spinal stenosis, sacral and sacrococygeal regionDiagnosisICD-10-CMM48.10Ankylosing hyperostosis [Forestier], site unspecifiedDiagnosisICD-10-CMM48.11Ankylosing hyperostosis [Forestier], cervical regionDiagnosisICD-10-CMM48.12Ankylosing hyperostosis [Forestier], cervical regionDiagnosisICD-10-CMM48.13Ankylosing hyperostosis [Forestier], cervical regionDiagnosisICD-10-CMM48.14Ankylosing hyperostosis [Forestier], thoracci regionDiagnosisICD-10-CMM48.15Ankylosing hyperostosis [Forestier], thoraccolumbar regionDiagnosisICD-10-CMM48.16Ankylosing hyperostosis [Forestier], lumbosacral regionDiagnosisICD-10-CMM48.17Ankylosing hyperostosis [Forestier], surbar regionDiagnosisICD-10-CMM48.18Ankylosing hyperostosis [Forestier], sacral and sacrococygeal regionDiagnosisICD-10-CMM48.81Other specified spondylopathies, occipito-atlanto-axial regionDiagnosisICD-10-CMM48.8X1Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X3Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbosacral regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, sacral and sacrococygeal regionD	M48.05	Spinal stenosis, thoracolumbar region	Diagnosis	ICD-10-CM
M48.08Spinal stenosis, sacral and sacrococygeal regionDiagnosisICD-10-CMM48.10Ankylosing hyperostosis [Forestier], occipito-atlanto-axial regionDiagnosisICD-10-CMM48.11Ankylosing hyperostosis [Forestier], occipito-atlanto-axial regionDiagnosisICD-10-CMM48.12Ankylosing hyperostosis [Forestier], cervical regionDiagnosisICD-10-CMM48.13Ankylosing hyperostosis [Forestier], thoraci regionDiagnosisICD-10-CMM48.14Ankylosing hyperostosis [Forestier], thoraci regionDiagnosisICD-10-CMM48.15Ankylosing hyperostosis [Forestier], lumbar regionDiagnosisICD-10-CMM48.17Ankylosing hyperostosis [Forestier], lumbar regionDiagnosisICD-10-CMM48.18Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.18Ankylosing hyperostosis [Forestier], multiple sites in spineDiagnosisICD-10-CMM48.81Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.82Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.83Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.84Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.85Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.88Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.88Other specified spondylopathies, lumbor scral regionD	M48.061	Spinal stenosis, lumbar region without neurogenic claudication	Diagnosis	ICD-10-CM
M48.10Ankylosing hyperostosis [Forestier], site unspecifiedDiagnosisICD-10-CMM48.11Ankylosing hyperostosis [Forestier], occipito-atlanto-axial regionDiagnosisICD-10-CMM48.12Ankylosing hyperostosis [Forestier], cervical regionDiagnosisICD-10-CMM48.13Ankylosing hyperostosis [Forestier], cervical regionDiagnosisICD-10-CMM48.14Ankylosing hyperostosis [Forestier], thoracic regionDiagnosisICD-10-CMM48.15Ankylosing hyperostosis [Forestier], thoracic lumbar regionDiagnosisICD-10-CMM48.16Ankylosing hyperostosis [Forestier], lumbosacral regionDiagnosisICD-10-CMM48.18Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.19Ankylosing hyperostosis [Forestier], multiple sites in spineDiagnosisICD-10-CMM48.8X1Other specified spondylopathies, occipito-atlanto-axial regionDiagnosisICD-10-CMM48.8X2Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X3Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X4Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, lumbosacral regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.8X8 <t< td=""><td>M48.07</td><td>Spinal stenosis, lumbosacral region</td><td>Diagnosis</td><td>ICD-10-CM</td></t<>	M48.07	Spinal stenosis, lumbosacral region	Diagnosis	ICD-10-CM
M48.11Ankylosing hyperostosis [Forestier], occipito-atlanto-axial regionDiagnosisICD-10-CMM48.12Ankylosing hyperostosis [Forestier], cervical regionDiagnosisICD-10-CMM48.13Ankylosing hyperostosis [Forestier], cervicothoracic regionDiagnosisICD-10-CMM48.14Ankylosing hyperostosis [Forestier], thoracic regionDiagnosisICD-10-CMM48.15Ankylosing hyperostosis [Forestier], lumbar regionDiagnosisICD-10-CMM48.16Ankylosing hyperostosis [Forestier], lumbar regionDiagnosisICD-10-CMM48.17Ankylosing hyperostosis [Forestier], sacral and sacrococygeal regionDiagnosisICD-10-CMM48.19Ankylosing hyperostosis [Forestier], and sacrococygeal regionDiagnosisICD-10-CMM48.19Ankylosing hyperostosis [Forestier], multiple sites in spineDiagnosisICD-10-CMM48.8X1Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X2Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X3Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbor acral regionDiagnosisICD-10-CMM48.8X9Other specified spondylopathies, lumboacral regionDiagnosisICD-10-CMM48.8X9Other specified spondylopathies, sacral and sacrococygeal regionDiagnosisICD-10-CMM48.9Spondylopathy, unspecified	M48.08	Spinal stenosis, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M48.12Ankylosing hyperostosis [Forestier], cervical regionDiagnosisICD-10-CMM48.13Ankylosing hyperostosis [Forestier], cervicothoracic regionDiagnosisICD-10-CMM48.14Ankylosing hyperostosis [Forestier], thoracic regionDiagnosisICD-10-CMM48.15Ankylosing hyperostosis [Forestier], lumbar regionDiagnosisICD-10-CMM48.16Ankylosing hyperostosis [Forestier], lumbar regionDiagnosisICD-10-CMM48.17Ankylosing hyperostosis [Forestier], lumbar regionDiagnosisICD-10-CMM48.18Ankylosing hyperostosis [Forestier], sacral and sacrococygeal regionDiagnosisICD-10-CMM48.19Ankylosing hyperostosis [Forestier], sacral and sacrococygeal regionDiagnosisICD-10-CMM48.8X1Other specified spondylopathies, occipito-atlanto-axial regionDiagnosisICD-10-CMM48.8X2Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X3Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X4Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, sacral and sacrococygeal regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM48.8X9Other specified spondylopathies, site unsp	M48.10	Ankylosing hyperostosis [Forestier], site unspecified	Diagnosis	ICD-10-CM
M48.13Ankylosing hyperostosis [Forestier], cervicothoracic regionDiagnosisICD-10-CMM48.14Ankylosing hyperostosis [Forestier], thoracic regionDiagnosisICD-10-CMM48.15Ankylosing hyperostosis [Forestier], thoracolumbar regionDiagnosisICD-10-CMM48.16Ankylosing hyperostosis [Forestier], lumbosacral regionDiagnosisICD-10-CMM48.17Ankylosing hyperostosis [Forestier], lumbosacral regionDiagnosisICD-10-CMM48.18Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.19Ankylosing hyperostosis [Forestier], multiple sites in spineDiagnosisICD-10-CMM48.81Other specified spondylopathies, occipito-atlanto-axial regionDiagnosisICD-10-CMM48.82Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.83Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.84Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.85Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.886Other specified spondylopathies, lumbosacral regionDiagnosisICD-10-CMM48.887Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.888Other specified spondylopathies, size unspecifiedDiagnosisICD-10-CMM48.89Other specified spondylopathies, size unspecified cervical regionDiagnosisICD-10-CMM50.00Cervical disc disor	M48.11	Ankylosing hyperostosis [Forestier], occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M48.14Ankylosing hyperostosis [Forestier], thoracic regionDiagnosisICD-10-CMM48.15Ankylosing hyperostosis [Forestier], thoracolumbar regionDiagnosisICD-10-CMM48.16Ankylosing hyperostosis [Forestier], lumbar regionDiagnosisICD-10-CMM48.17Ankylosing hyperostosis [Forestier], lumbar regionDiagnosisICD-10-CMM48.18Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.19Ankylosing hyperostosis [Forestier], multiple sites in spineDiagnosisICD-10-CMM48.811Other specified spondylopathies, occipito-atlanto-axial regionDiagnosisICD-10-CMM48.822Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.833Other specified spondylopathies, cervicothoracic regionDiagnosisICD-10-CMM48.844Other specified spondylopathies, thoracolumbar regionDiagnosisICD-10-CMM48.855Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.866Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.877Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.888Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM48.89Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, mid-cerv	M48.12	Ankylosing hyperostosis [Forestier], cervical region	Diagnosis	ICD-10-CM
M48.15Ankylosing hyperostosis [Forestier], thoracolumbar regionDiagnosisICD-10-CMM48.16Ankylosing hyperostosis [Forestier], lumbar regionDiagnosisICD-10-CMM48.17Ankylosing hyperostosis [Forestier], lumbosacral regionDiagnosisICD-10-CMM48.18Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.19Ankylosing hyperostosis [Forestier], multiple sites in spineDiagnosisICD-10-CMM48.8X1Other specified spondylopathies, occipito-atlanto-axial regionDiagnosisICD-10-CMM48.8X2Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X3Other specified spondylopathies, cervicothoracic regionDiagnosisICD-10-CMM48.8X4Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, thoracolumbar regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumboacral regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.8X9Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, mid-cervical region, unspecified levelDiagnosisICD-10-CMM50.02Cervical dis	M48.13	Ankylosing hyperostosis [Forestier], cervicothoracic region	Diagnosis	ICD-10-CM
M48.16Ankylosing hyperostosis [Forestier], lumbar regionDiagnosisICD-10-CMM48.17Ankylosing hyperostosis [Forestier], lumbosacral regionDiagnosisICD-10-CMM48.18Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.19Ankylosing hyperostosis [Forestier], multiple sites in spineDiagnosisICD-10-CMM48.81Other specified spondylopathies, occipito-atlanto-axial regionDiagnosisICD-10-CMM48.8X2Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X3Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X4Other specified spondylopathies, thoracclumbar regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, size unspecifiedDiagnosisICD-10-CMM48.8X9Other specified spondylopathies, size unspecifiedDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, high cervical region, unspecified levelDiagnosisICD-10-CMM50.02Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.03Cervical disc disorder at C6-C7 level with my	M48.14	Ankylosing hyperostosis [Forestier], thoracic region	Diagnosis	ICD-10-CM
M48.17Ankylosing hyperostosis [Forestier], lumbosacral regionDiagnosisICD-10-CMM48.18Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.19Ankylosing hyperostosis [Forestier], multiple sites in spineDiagnosisICD-10-CMM48.8X1Other specified spondylopathies, occipito-atlanto-axial regionDiagnosisICD-10-CMM48.8X2Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X3Other specified spondylopathies, cervicothoracic regionDiagnosisICD-10-CMM48.8X4Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbosacral regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.0Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, mid-cervical regionDiagnosisICD-10-CMM50.020Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.021Cervical disc disorder at C5-C6 level with myelopathyDiagnosisICD-10-CMM50.03Cervical disc disorder with myelopath	M48.15	Ankylosing hyperostosis [Forestier], thoracolumbar region	Diagnosis	ICD-10-CM
M48.18Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.19Ankylosing hyperostosis [Forestier], multiple sites in spineDiagnosisICD-10-CMM48.8X1Other specified spondylopathies, occipito-atlanto-axial regionDiagnosisICD-10-CMM48.8X2Other specified spondylopathies, cervicothoracic regionDiagnosisICD-10-CMM48.8X3Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X4Other specified spondylopathies, thoracclumbar regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbor a regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, high cervical region, unspecified levelDiagnosisICD-10-CMM50.020Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.021Cervical disc disorder at C5-C6 level with myelopathyDiagnosisICD-10-CMM50.03Cervical disc disorder with myelopathy, cervicothoracic regionDiagnosisICD-10-CMM50.03Cervica	M48.16	Ankylosing hyperostosis [Forestier], lumbar region	Diagnosis	ICD-10-CM
M48.19Ankylosing hyperostosis [Forestier], multiple sites in spineDiagnosisICD-10-CMM48.8X1Other specified spondylopathies, occipito-atlanto-axial regionDiagnosisICD-10-CMM48.8X2Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X3Other specified spondylopathies, tervicothoracic regionDiagnosisICD-10-CMM48.8X4Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, lumbosacral regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, mid-cervical region, unspecified levelDiagnosisICD-10-CMM50.020Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.021Cervical disc disorder at C5-C6 level with myelopathyDiagnosisICD-10-CMM50.023Cervical disc disorder at C6-C7 level with myelopathyDiagnosisICD-10-CMM50.03Cervical disc disorder with radiculopathy, unspecified cervical regionDiagnosisICD-10-CMM50.10Cervical disc diso	M48.17	Ankylosing hyperostosis [Forestier], lumbosacral region	Diagnosis	ICD-10-CM
M48.8X1Other specified spondylopathies, occipito-atlanto-axial regionDiagnosisICD-10-CMM48.8X2Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X3Other specified spondylopathies, cervicothoracic regionDiagnosisICD-10-CMM48.8X4Other specified spondylopathies, thoracolumbar regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbosacral regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, high cervical region, unspecified levelDiagnosisICD-10-CMM50.020Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.021Cervical disc disorder at C5-C6 level with myelopathyDiagnosisICD-10-CMM50.023Cervical disc disorder at C6-C7 level with myelopathyDiagnosisICD-10-CMM50.03Cervical disc disorder with radiculopathy, unspecified cervical regionDiagnosisICD-10-CMM50.10Cervical disc disorder with radiculopathy, unspecified cervical regionDiagnosisICD-10-CMM50.11C	M48.18	Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M48.8X2Other specified spondylopathies, cervical regionDiagnosisICD-10-CMM48.8X3Other specified spondylopathies, cervicothoracic regionDiagnosisICD-10-CMM48.8X4Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, thoracolumbar regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, high cervical region, unspecified levelDiagnosisICD-10-CMM50.020Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.021Cervical disc disorder at C5-C6 level with myelopathyDiagnosisICD-10-CMM50.023Cervical disc disorder at C6-C7 level with myelopathyDiagnosisICD-10-CMM50.03Cervical disc disorder with radiculopathy, unspecified cervical regionDiagnosisICD-10-CMM50.10Cervical disc disorder with radiculopathy, unspecified cervical regionDiagnosisICD-10-CMM50.11Cervical disc disorder with radiculopathy, high cervical regionDiagnosisICD-10-CMM50.120Mid	M48.19	Ankylosing hyperostosis [Forestier], multiple sites in spine	Diagnosis	ICD-10-CM
M48.8X3Other specified spondylopathies, cervicothoracic regionDiagnosisICD-10-CMM48.8X4Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, thoracolumbar regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, lumbosacral regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, high cervical regionDiagnosisICD-10-CMM50.020Cervical disc disorder with myelopathy, mid-cervical region, unspecified levelDiagnosisICD-10-CMM50.021Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.022Cervical disc disorder at C5-C6 level with myelopathyDiagnosisICD-10-CMM50.023Cervical disc disorder with myelopathy, cervicothoracic regionDiagnosisICD-10-CMM50.03Cervical disc disorder with radiculopathy, unspecified cervical regionDiagnosisICD-10-CMM50.10Cervical disc disorder with radiculopathy, high cervical regionDiagnosisICD-10-CMM50.11Cervical disc disorder, unspecified levelDiagnosisICD-10-CM	M48.8X1	Other specified spondylopathies, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M48.8X4Other specified spondylopathies, thoracic regionDiagnosisICD-10-CMM48.8X5Other specified spondylopathies, thoracolumbar regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, lumbosacral regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.8X9Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, high cervical regionDiagnosisICD-10-CMM50.020Cervical disc disorder with myelopathy, mid-cervical region, unspecified levelDiagnosisICD-10-CMM50.021Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.022Cervical disc disorder at C5-C6 level with myelopathyDiagnosisICD-10-CMM50.03Cervical disc disorder with myelopathy, cervicothoracic regionDiagnosisICD-10-CMM50.10Cervical disc disorder with radiculopathy, unspecified cervical regionDiagnosisICD-10-CMM50.11Cervical disc disorder with radiculopathy, high cervical regionDiagnosisICD-10-CMM50.120Mid-cervical disc disorder, unspecified levelDiagnosisICD-10-CM	M48.8X2	Other specified spondylopathies, cervical region	Diagnosis	ICD-10-CM
M48.8X5Other specified spondylopathies, thoracolumbar regionDiagnosisICD-10-CMM48.8X6Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, lumbosacral regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.8X9Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, high cervical regionDiagnosisICD-10-CMM50.020Cervical disc disorder with myelopathy, mid-cervical region, unspecified levelDiagnosisICD-10-CMM50.021Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.022Cervical disc disorder at C5-C6 level with myelopathyDiagnosisICD-10-CMM50.03Cervical disc disorder with myelopathy, cervicothoracic regionDiagnosisICD-10-CMM50.10Cervical disc disorder with radiculopathy, unspecified cervical regionDiagnosisICD-10-CMM50.11Cervical disc disorder with radiculopathy, high cervical regionDiagnosisICD-10-CMM50.120Mid-cervical disc disorder, unspecified levelDiagnosisICD-10-CM	M48.8X3	Other specified spondylopathies, cervicothoracic region	Diagnosis	ICD-10-CM
M48.8X6Other specified spondylopathies, lumbar regionDiagnosisICD-10-CMM48.8X7Other specified spondylopathies, lumbosacral regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.8X9Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, high cervical regionDiagnosisICD-10-CMM50.020Cervical disc disorder with myelopathy, mid-cervical region, unspecified levelDiagnosisICD-10-CMM50.021Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.022Cervical disc disorder at C5-C6 level with myelopathyDiagnosisICD-10-CMM50.03Cervical disc disorder with myelopathy, cervicothoracic regionDiagnosisICD-10-CMM50.10Cervical disc disorder with radiculopathy, unspecified cervical regionDiagnosisICD-10-CMM50.11Cervical disc disorder with radiculopathy, high cervical regionDiagnosisICD-10-CMM50.120Mid-cervical disc disorder, unspecified levelDiagnosisICD-10-CM	M48.8X4	Other specified spondylopathies, thoracic region	Diagnosis	ICD-10-CM
M48.8X7Other specified spondylopathies, lumbosacral regionDiagnosisICD-10-CMM48.8X8Other specified spondylopathies, sacral and sacrococcygeal regionDiagnosisICD-10-CMM48.8X9Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, high cervical regionDiagnosisICD-10-CMM50.020Cervical disc disorder with myelopathy, mid-cervical region, unspecified levelDiagnosisICD-10-CMM50.021Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.022Cervical disc disorder at C5-C6 level with myelopathyDiagnosisICD-10-CMM50.023Cervical disc disorder at C6-C7 level with myelopathyDiagnosisICD-10-CMM50.03Cervical disc disorder with myelopathy, cervicothoracic regionDiagnosisICD-10-CMM50.10Cervical disc disorder with radiculopathy, unspecified cervical regionDiagnosisICD-10-CMM50.11Cervical disc disorder, unspecified levelDiagnosisICD-10-CMM50.120Mid-cervical disc disorder, unspecified levelDiagnosisICD-10-CM	M48.8X5	Other specified spondylopathies, thoracolumbar region	Diagnosis	ICD-10-CM
M48.8X8 Other specified spondylopathies, sacral and sacrococcygeal region Diagnosis ICD-10-CM M48.8X9 Other specified spondylopathies, site unspecified Diagnosis ICD-10-CM Diagnosis ICD-10-CM M48.9 Spondylopathy, unspecified Cervical region Diagnosis ICD-10-CM M50.00 Cervical disc disorder with myelopathy, unspecified cervical region Diagnosis ICD-10-CM M50.01 Cervical disc disorder with myelopathy, high cervical region Diagnosis ICD-10-CM M50.020 Cervical disc disorder with myelopathy, mid-cervical region, unspecified level Diagnosis ICD-10-CM M50.021 Cervical disc disorder at C4-C5 level with myelopathy Diagnosis ICD-10-CM M50.022 Cervical disc disorder at C5-C6 level with myelopathy Diagnosis ICD-10-CM M50.023 Cervical disc disorder at C6-C7 level with myelopathy Diagnosis ICD-10-CM M50.03 Cervical disc disorder with myelopathy, cervicothoracic region Diagnosis ICD-10-CM M50.10 Cervical disc disorder with radiculopathy, unspecified cervical region Diagnosis ICD-10-CM M50.11 Cervical disc disorder, unspecified level Diagnosis ICD-10-CM M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M48.8X6	Other specified spondylopathies, lumbar region	Diagnosis	ICD-10-CM
M48.8X9Other specified spondylopathies, site unspecifiedDiagnosisICD-10-CMM48.9Spondylopathy, unspecifiedDiagnosisICD-10-CMM50.00Cervical disc disorder with myelopathy, unspecified cervical regionDiagnosisICD-10-CMM50.01Cervical disc disorder with myelopathy, high cervical regionDiagnosisICD-10-CMM50.020Cervical disc disorder with myelopathy, mid-cervical region, unspecified levelDiagnosisICD-10-CMM50.021Cervical disc disorder at C4-C5 level with myelopathyDiagnosisICD-10-CMM50.022Cervical disc disorder at C5-C6 level with myelopathyDiagnosisICD-10-CMM50.023Cervical disc disorder at C6-C7 level with myelopathyDiagnosisICD-10-CMM50.03Cervical disc disorder with myelopathy, cervicothoracic regionDiagnosisICD-10-CMM50.10Cervical disc disorder with radiculopathy, unspecified cervical regionDiagnosisICD-10-CMM50.11Cervical disc disorder with radiculopathy, high cervical regionDiagnosisICD-10-CMM50.120Mid-cervical disc disorder, unspecified levelDiagnosisICD-10-CM	M48.8X7	Other specified spondylopathies, lumbosacral region	Diagnosis	ICD-10-CM
M48.9 Spondylopathy, unspecified M50.00 Cervical disc disorder with myelopathy, unspecified cervical region Diagnosis ICD-10-CM M50.01 Cervical disc disorder with myelopathy, high cervical region Diagnosis ICD-10-CM M50.020 Cervical disc disorder with myelopathy, mid-cervical region, unspecified level Diagnosis ICD-10-CM M50.021 Cervical disc disorder at C4-C5 level with myelopathy Diagnosis ICD-10-CM M50.022 Cervical disc disorder at C5-C6 level with myelopathy Diagnosis ICD-10-CM M50.023 Cervical disc disorder at C6-C7 level with myelopathy Diagnosis ICD-10-CM M50.03 Cervical disc disorder with myelopathy, cervicothoracic region Diagnosis ICD-10-CM M50.10 Cervical disc disorder with radiculopathy, unspecified cervical region Diagnosis ICD-10-CM M50.11 Cervical disc disorder, unspecified level Diagnosis ICD-10-CM M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M48.8X8	Other specified spondylopathies, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M50.00 Cervical disc disorder with myelopathy, unspecified cervical region Diagnosis ICD-10-CM M50.01 Cervical disc disorder with myelopathy, high cervical region Diagnosis ICD-10-CM M50.020 Cervical disc disorder with myelopathy, mid-cervical region, unspecified level Diagnosis ICD-10-CM M50.021 Cervical disc disorder at C4-C5 level with myelopathy Diagnosis ICD-10-CM M50.022 Cervical disc disorder at C5-C6 level with myelopathy Diagnosis ICD-10-CM M50.023 Cervical disc disorder at C6-C7 level with myelopathy Diagnosis ICD-10-CM M50.03 Cervical disc disorder with myelopathy, cervicothoracic region Diagnosis ICD-10-CM M50.10 Cervical disc disorder with radiculopathy, unspecified cervical region Diagnosis ICD-10-CM M50.11 Cervical disc disorder with radiculopathy, high cervical region Diagnosis ICD-10-CM M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M48.8X9	Other specified spondylopathies, site unspecified	Diagnosis	ICD-10-CM
M50.01 Cervical disc disorder with myelopathy, high cervical region Diagnosis ICD-10-CM M50.020 Cervical disc disorder with myelopathy, mid-cervical region, unspecified level Diagnosis ICD-10-CM M50.021 Cervical disc disorder at C4-C5 level with myelopathy Diagnosis ICD-10-CM M50.022 Cervical disc disorder at C5-C6 level with myelopathy Diagnosis ICD-10-CM M50.023 Cervical disc disorder at C6-C7 level with myelopathy Diagnosis ICD-10-CM M50.03 Cervical disc disorder with myelopathy, cervicothoracic region Diagnosis ICD-10-CM M50.10 Cervical disc disorder with radiculopathy, unspecified cervical region Diagnosis ICD-10-CM M50.11 Cervical disc disorder with radiculopathy, high cervical region Diagnosis ICD-10-CM M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M48.9	Spondylopathy, unspecified	Diagnosis	ICD-10-CM
M50.020 Cervical disc disorder with myelopathy, mid-cervical region, unspecified level Diagnosis ICD-10-CM M50.021 Cervical disc disorder at C4-C5 level with myelopathy Diagnosis ICD-10-CM M50.022 Cervical disc disorder at C5-C6 level with myelopathy Diagnosis ICD-10-CM M50.023 Cervical disc disorder at C6-C7 level with myelopathy Diagnosis ICD-10-CM M50.03 Cervical disc disorder with myelopathy, cervicothoracic region Diagnosis ICD-10-CM M50.10 Cervical disc disorder with radiculopathy, unspecified cervical region Diagnosis ICD-10-CM M50.11 Cervical disc disorder with radiculopathy, high cervical region Diagnosis ICD-10-CM M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M50.00	Cervical disc disorder with myelopathy, unspecified cervical region	Diagnosis	ICD-10-CM
M50.021 Cervical disc disorder at C4-C5 level with myelopathy Diagnosis ICD-10-CM M50.022 Cervical disc disorder at C5-C6 level with myelopathy Diagnosis ICD-10-CM M50.023 Cervical disc disorder at C6-C7 level with myelopathy Diagnosis ICD-10-CM M50.03 Cervical disc disorder with myelopathy, cervicothoracic region Diagnosis ICD-10-CM M50.10 Cervical disc disorder with radiculopathy, unspecified cervical region Diagnosis ICD-10-CM M50.11 Cervical disc disorder with radiculopathy, high cervical region Diagnosis ICD-10-CM M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M50.01	Cervical disc disorder with myelopathy, high cervical region	Diagnosis	ICD-10-CM
M50.022 Cervical disc disorder at C5-C6 level with myelopathy Diagnosis ICD-10-CM M50.023 Cervical disc disorder at C6-C7 level with myelopathy Diagnosis ICD-10-CM M50.03 Cervical disc disorder with myelopathy, cervicothoracic region Diagnosis ICD-10-CM M50.10 Cervical disc disorder with radiculopathy, unspecified cervical region Diagnosis ICD-10-CM M50.11 Cervical disc disorder with radiculopathy, high cervical region Diagnosis ICD-10-CM M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M50.020	Cervical disc disorder with myelopathy, mid-cervical region, unspecified level	Diagnosis	ICD-10-CM
M50.023 Cervical disc disorder at C6-C7 level with myelopathy Diagnosis ICD-10-CM M50.03 Cervical disc disorder with myelopathy, cervicothoracic region Diagnosis ICD-10-CM M50.10 Cervical disc disorder with radiculopathy, unspecified cervical region Diagnosis ICD-10-CM M50.11 Cervical disc disorder with radiculopathy, high cervical region Diagnosis ICD-10-CM M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M50.021	Cervical disc disorder at C4-C5 level with myelopathy	Diagnosis	ICD-10-CM
M50.03 Cervical disc disorder with myelopathy, cervicothoracic region Diagnosis ICD-10-CM M50.10 Cervical disc disorder with radiculopathy, unspecified cervical region Diagnosis ICD-10-CM M50.11 Cervical disc disorder with radiculopathy, high cervical region Diagnosis ICD-10-CM M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M50.022	Cervical disc disorder at C5-C6 level with myelopathy	Diagnosis	ICD-10-CM
M50.10 Cervical disc disorder with radiculopathy, unspecified cervical region Diagnosis ICD-10-CM M50.11 Cervical disc disorder with radiculopathy, high cervical region Diagnosis ICD-10-CM M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M50.023	Cervical disc disorder at C6-C7 level with myelopathy	Diagnosis	ICD-10-CM
M50.11 Cervical disc disorder with radiculopathy, high cervical region Diagnosis ICD-10-CM M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M50.03	Cervical disc disorder with myelopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M50.120 Mid-cervical disc disorder, unspecified level Diagnosis ICD-10-CM	M50.10	Cervical disc disorder with radiculopathy, unspecified cervical region	Diagnosis	ICD-10-CM
•	M50.11	Cervical disc disorder with radiculopathy, high cervical region	Diagnosis	ICD-10-CM
M50.121 Cervical disc disorder at C4-C5 level with radiculopathy Diagnosis ICD-10-CM		Mid-cervical disc disorder, unspecified level	Diagnosis	ICD-10-CM
	M50.121	Cervical disc disorder at C4-C5 level with radiculopathy	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 185 of 390



Code	Description	Code Category	Code Type
M50.122	Cervical disc disorder at C5-C6 level with radiculopathy	Diagnosis	ICD-10-CM
И50.123	Cervical disc disorder at C6-C7 level with radiculopathy	Diagnosis	ICD-10-CM
√150.13	Cervical disc disorder with radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
∕150.30	Other cervical disc degeneration, unspecified cervical region	Diagnosis	ICD-10-CM
√150.31	Other cervical disc degeneration, high cervical region	Diagnosis	ICD-10-CM
√150.320	Other cervical disc degeneration, mid-cervical region, unspecified level	Diagnosis	ICD-10-CM
M50.321	Other cervical disc degeneration at C4-C5 level	Diagnosis	ICD-10-CM
√150.322	Other cervical disc degeneration at C5-C6 level	Diagnosis	ICD-10-CM
И50.323	Other cervical disc degeneration at C6-C7 level	Diagnosis	ICD-10-CM
√150.33	Other cervical disc degeneration, cervicothoracic region	Diagnosis	ICD-10-CM
√150.80	Other cervical disc disorders, unspecified cervical region	Diagnosis	ICD-10-CM
Л50.81	Other cervical disc disorders, high cervical region	Diagnosis	ICD-10-CM
√150.820	Other cervical disc disorders, mid-cervical region, unspecified level	Diagnosis	ICD-10-CM
√150.821	Other cervical disc disorders at C4-C5 level	Diagnosis	ICD-10-CM
Л50.822	Other cervical disc disorders at C5-C6 level	Diagnosis	ICD-10-CM
<b>/</b> 150.823	Other cervical disc disorders at C6-C7 level	Diagnosis	ICD-10-CM
∕150.83	Other cervical disc disorders, cervicothoracic region	Diagnosis	ICD-10-CM
<i>1</i> 50.90	Cervical disc disorder, unspecified, unspecified cervical region	Diagnosis	ICD-10-CM
∕150.91	Cervical disc disorder, unspecified, high cervical region	Diagnosis	ICD-10-CM
150.920	Unspecified cervical disc disorder, mid-cervical region, unspecified level	Diagnosis	ICD-10-CM
150.921	Unspecified cervical disc disorder at C4-C5 level	Diagnosis	ICD-10-CM
150.922	Unspecified cervical disc disorder at C5-C6 level	Diagnosis	ICD-10-CM
150.923	Unspecified cervical disc disorder at C6-C7 level	Diagnosis	ICD-10-CM
<b>Л</b> 50.93	Cervical disc disorder, unspecified, cervicothoracic region	Diagnosis	ICD-10-CM
И51.06	Intervertebral disc disorders with myelopathy, lumbar region	Diagnosis	ICD-10-CM
<b>/</b> 151.14	Intervertebral disc disorders with radiculopathy, thoracic region	Diagnosis	ICD-10-CM
Λ51.15	Intervertebral disc disorders with radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
∕/51.16	Intervertebral disc disorders with radiculopathy, lumbar region	Diagnosis	ICD-10-CM
<b>/</b> 151.17	Intervertebral disc disorders with radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
<b>/</b> 151.24	Other intervertebral disc displacement, thoracic region	Diagnosis	ICD-10-CM
∕/51.25	Other intervertebral disc displacement, thoracolumbar region	Diagnosis	ICD-10-CM
∕/51.34	Other intervertebral disc degeneration, thoracic region	Diagnosis	ICD-10-CM
∕/51.35	Other intervertebral disc degeneration, thoracolumbar region	Diagnosis	ICD-10-CM
<b>Л</b> 51.36	Other intervertebral disc degeneration, lumbar region	Diagnosis	ICD-10-CM
<b>Л</b> 51.37	Other intervertebral disc degeneration, lumbosacral region	Diagnosis	ICD-10-CM
<b>/</b> 151.44	Schmorl's nodes, thoracic region	Diagnosis	ICD-10-CM
<b>/</b> 151.45	Schmorl's nodes, thoracolumbar region	Diagnosis	ICD-10-CM
∕/51.46	Schmorl's nodes, lumbar region	Diagnosis	ICD-10-CM
151.47	Schmorl's nodes, lumbosacral region	Diagnosis	ICD-10-CM
<b>Л</b> 51.84	Other intervertebral disc disorders, thoracic region	Diagnosis	ICD-10-CM
И51.85	Other intervertebral disc disorders, thoracolumbar region	Diagnosis	ICD-10-CM
И51.86	Other intervertebral disc disorders, lumbar region	Diagnosis	ICD-10-CM
и51.87	Other intervertebral disc disorders, lumbosacral region	Diagnosis	ICD-10-CM
И51.9	Unspecified thoracic, thoracolumbar and lumbosacral intervertebral disc	Diagnosis	ICD-10-CM
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cder\_mpl1p\_wp085 Page 186 of 390



Code	Description	Code Category	Code Type
M53.2X7	Spinal instabilities, lumbosacral region	Diagnosis	ICD-10-CM
M53.2X8	Spinal instabilities, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M53.3	Sacrococcygeal disorders, not elsewhere classified	Diagnosis	ICD-10-CM
M53.80	Other specified dorsopathies, site unspecified	Diagnosis	ICD-10-CM
M53.81	Other specified dorsopathies, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M53.82	Other specified dorsopathies, cervical region	Diagnosis	ICD-10-CM
M53.83	Other specified dorsopathies, cervicothoracic region	Diagnosis	ICD-10-CM
M53.84	Other specified dorsopathies, thoracic region	Diagnosis	ICD-10-CM
M53.85	Other specified dorsopathies, thoracolumbar region	Diagnosis	ICD-10-CM
M53.86	Other specified dorsopathies, lumbar region	Diagnosis	ICD-10-CM
M53.87	Other specified dorsopathies, lumbosacral region	Diagnosis	ICD-10-CM
M53.88	Other specified dorsopathies, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M53.9	Dorsopathy, unspecified	Diagnosis	ICD-10-CM
M54.00	Panniculitis affecting regions of neck and back, site unspecified	Diagnosis	ICD-10-CM
M54.01	Panniculitis affecting regions of neck and back, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M54.02	Panniculitis affecting regions of neck and back, cervical region	Diagnosis	ICD-10-CM
M54.03	Panniculitis affecting regions of neck and back, cervicothoracic region	Diagnosis	ICD-10-CM
M54.04	Panniculitis affecting regions of neck and back, thoracic region	Diagnosis	ICD-10-CM
M54.05	Panniculitis affecting regions of neck and back, thoracolumbar region	Diagnosis	ICD-10-CM
M54.06	Panniculitis affecting regions of neck and back, lumbar region	Diagnosis	ICD-10-CM
M54.07	Panniculitis affecting regions of neck and back, lumbosacral region	Diagnosis	ICD-10-CM
M54.08	Panniculitis affecting regions of neck and back, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M54.09	Panniculitis affecting regions, neck and back, multiple sites in spine	Diagnosis	ICD-10-CM
M54.10	Radiculopathy, site unspecified	Diagnosis	ICD-10-CM
M54.11	Radiculopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M54.12	Radiculopathy, cervical region	Diagnosis	ICD-10-CM
M54.13	Radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M54.14	Radiculopathy, thoracic region	Diagnosis	ICD-10-CM
M54.15	Radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M54.16	Radiculopathy, lumbar region	Diagnosis	ICD-10-CM
M54.17	Radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
M54.18	Radiculopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M54.2	Cervicalgia	Diagnosis	ICD-10-CM
M54.30	Sciatica, unspecified side	Diagnosis	ICD-10-CM
M54.31	Sciatica, right side	Diagnosis	ICD-10-CM
M54.32	Sciatica, left side	Diagnosis	ICD-10-CM
M54.40	Lumbago with sciatica, unspecified side	Diagnosis	ICD-10-CM
M54.41	Lumbago with sciatica, right side	Diagnosis	ICD-10-CM
M54.42	Lumbago with sciatica, left side	Diagnosis	ICD-10-CM
M54.5	Low back pain	Diagnosis	ICD-10-CM
M54.6	Pain in thoracic spine	Diagnosis	ICD-10-CM
M54.81	Occipital neuralgia	Diagnosis	ICD-10-CM
M54.89	Other dorsalgia	Diagnosis	ICD-10-CM
M54.9	Dorsalgia, unspecified	Diagnosis	ICD-10-CM
	Other myositis, unspecified site	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 187 of 390



Code	Description	Code Category	Code Type
M60.811	Other myositis, right shoulder	Diagnosis	ICD-10-CM
M60.812	Other myositis, left shoulder	Diagnosis	ICD-10-CM
M60.819	Other myositis, unspecified shoulder	Diagnosis	ICD-10-CM
M60.821	Other myositis, right upper arm	Diagnosis	ICD-10-CM
M60.822	Other myositis, left upper arm	Diagnosis	ICD-10-CM
M60.829	Other myositis, unspecified upper arm	Diagnosis	ICD-10-CM
M60.831	Other myositis, right forearm	Diagnosis	ICD-10-CM
M60.832	Other myositis, left forearm	Diagnosis	ICD-10-CM
M60.839	Other myositis, unspecified forearm	Diagnosis	ICD-10-CM
M60.841	Other myositis, right hand	Diagnosis	ICD-10-CM
M60.842	Other myositis, left hand	Diagnosis	ICD-10-CM
M60.849	Other myositis, unspecified hand	Diagnosis	ICD-10-CM
M60.851	Other myositis, right thigh	Diagnosis	ICD-10-CM
M60.852	Other myositis, left thigh	Diagnosis	ICD-10-CM
M60.859	Other myositis, unspecified thigh	Diagnosis	ICD-10-CM
M60.861	Other myositis, right lower leg	Diagnosis	ICD-10-CM
M60.862	Other myositis, left lower leg	Diagnosis	ICD-10-CM
M60.869	Other myositis, unspecified lower leg	Diagnosis	ICD-10-CM
M60.871	Other myositis, right ankle and foot	Diagnosis	ICD-10-CM
M60.872	Other myositis, left ankle and foot	Diagnosis	ICD-10-CM
M60.879	Other myositis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M60.88	Other myositis, other site	Diagnosis	ICD-10-CM
M60.89	Other myositis, multiple sites	Diagnosis	ICD-10-CM
M60.9	Myositis, unspecified	Diagnosis	ICD-10-CM
M62.830	Muscle spasm of back	Diagnosis	ICD-10-CM
M67.88	Other specified disorders of synovium and tendon, other site	Diagnosis	ICD-10-CM
M72.9	Fibroblastic disorder, unspecified	Diagnosis	ICD-10-CM
M79.1	Myalgia	Diagnosis	ICD-10-CM
M79.2	Neuralgia and neuritis, unspecified	Diagnosis	ICD-10-CM
M79.6	Pain in limb, hand, foot, fingers and toes	Diagnosis	ICD-10-CM
M79.601	Pain in right arm	Diagnosis	ICD-10-CM
M79.602	Pain in left arm	Diagnosis	ICD-10-CM
M79.603	Pain in arm, unspecified	Diagnosis	ICD-10-CM
M79.604	Pain in right leg	Diagnosis	ICD-10-CM
M79.605	Pain in left leg	Diagnosis	ICD-10-CM
M79.606	Pain in leg, unspecified	Diagnosis	ICD-10-CM
M79.609	Pain in unspecified limb	Diagnosis	ICD-10-CM
M79.621	Pain in right upper arm	Diagnosis	ICD-10-CM
M79.622	Pain in left upper arm	Diagnosis	ICD-10-CM
M79.629	Pain in unspecified upper arm	Diagnosis	ICD-10-CM
M79.631	Pain in right forearm	Diagnosis	ICD-10-CM
M79.632	Pain in left forearm	Diagnosis	ICD-10-CM
M79.639	Pain in unspecified forearm	Diagnosis	ICD-10-CM
M79.641	Pain in right hand	Diagnosis	ICD-10-CM
M79.642	Pain in left hand	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 188 of 390



Code	Description	Code Category	Code Type
M79.643	Pain in unspecified hand	Diagnosis	ICD-10-CM
179.644	Pain in right finger(s)	Diagnosis	ICD-10-CM
179.645	Pain in left finger(s)	Diagnosis	ICD-10-CM
179.646	Pain in unspecified finger(s)	Diagnosis	ICD-10-CM
179.651	Pain in right thigh	Diagnosis	ICD-10-CM
<b>179.652</b>	Pain in left thigh	Diagnosis	ICD-10-CM
<i>1</i> 79.659	Pain in unspecified thigh	Diagnosis	ICD-10-CM
л79.661	Pain in right lower leg	Diagnosis	ICD-10-CM
л79.662	Pain in left lower leg	Diagnosis	ICD-10-CM
179.669	Pain in unspecified lower leg	Diagnosis	ICD-10-CM
<b>Л</b> 79.671	Pain in right foot	Diagnosis	ICD-10-CM
179.672	Pain in left foot	Diagnosis	ICD-10-CM
<i>1</i> 79.673	Pain in unspecified foot	Diagnosis	ICD-10-CM
179.674	Pain in right toe(s)	Diagnosis	ICD-10-CM
179.675	Pain in left toe(s)	Diagnosis	ICD-10-CM
179.676	Pain in unspecified toe(s)	Diagnosis	ICD-10-CM
179.7	Fibromyalgia	Diagnosis	ICD-10-CM
196.1	Postlaminectomy syndrome, not elsewhere classified	Diagnosis	ICD-10-CM
199.22	Subluxation stenosis of neural canal of thoracic region	Diagnosis	ICD-10-CM
199.23	Subluxation stenosis of neural canal of lumbar region	Diagnosis	ICD-10-CM
199.24	Subluxation stenosis of neural canal of sacral region	Diagnosis	ICD-10-CM
199.25	Subluxation stenosis of neural canal of pelvic region	Diagnosis	ICD-10-CM
199.26	Subluxation stenosis of neural canal of lower extremity	Diagnosis	ICD-10-CM
199.27	Subluxation stenosis of neural canal of upper extremity	Diagnosis	ICD-10-CM
199.28	Subluxation stenosis of neural canal of rib cage	Diagnosis	ICD-10-CM
199.29	Subluxation stenosis of neural canal of abdomen and other regions	Diagnosis	ICD-10-CM
199.32	Osseous stenosis of neural canal of thoracic region	Diagnosis	ICD-10-CM
199.33	Osseous stenosis of neural canal of lumbar region	Diagnosis	ICD-10-CM
199.34	Osseous stenosis of neural canal of sacral region	Diagnosis	ICD-10-CM
199.35	Osseous stenosis of neural canal of pelvic region	Diagnosis	ICD-10-CM
199.36	Osseous stenosis of neural canal of lower extremity	Diagnosis	ICD-10-CM
199.37	Osseous stenosis of neural canal of upper extremity	Diagnosis	ICD-10-CM
199.38	Osseous stenosis of neural canal of rib cage	Diagnosis	ICD-10-CM
199.39	Osseous stenosis of neural canal of abdomen and other regions	Diagnosis	ICD-10-CM
199.42	Connective tissue stenosis of neural canal of thoracic region	Diagnosis	ICD-10-CM
199.43	Connective tissue stenosis of neural canal of lumbar region	Diagnosis	ICD-10-CM
199.44	Connective tissue stenosis of neural canal of sacral region	Diagnosis	ICD-10-CM
199.45	Connective tissue stenosis of neural canal of pelvic region	Diagnosis	ICD-10-CM
199.46	Connective tissue stenosis of neural canal of lower extremity	Diagnosis	ICD-10-CM
199.47	Connective tissue stenosis of neural canal of upper extremity	Diagnosis	ICD-10-CM
199.48	Connective tissue stenosis of neural canal of rib cage	Diagnosis	ICD-10-CM
199.49	Connective tissue stenosis of neural canal of abdomen and other regions	Diagnosis	ICD-10-CM
199.52	Intervertebral disc stenosis of neural canal of thoracic region	Diagnosis	ICD-10-CM
199.53	Intervertebral disc stenosis of neural canal of lumbar region	Diagnosis	ICD-10-CM
199.54	Intervertebral disc stenosis of neural canal of sacral region	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 189 of 390



Code	Description	Code Category	Code Type
M99.55	Intervertebral disc stenosis of neural canal of pelvic region	Diagnosis	ICD-10-CM
M99.56	Intervertebral disc stenosis of neural canal of lower extremity	Diagnosis	ICD-10-CM
M99.57	Intervertebral disc stenosis of neural canal of upper extremity	Diagnosis	ICD-10-CM
M99.58	Intervertebral disc stenosis of neural canal of rib cage	Diagnosis	ICD-10-CM
M99.59	Intervertebral disc stenosis of neural canal of abdomen and other regions	Diagnosis	ICD-10-CM
M99.62	Osseous and subluxation stenosis of intervertebral foramina of thoracic region	Diagnosis	ICD-10-CM
M99.63	Osseous and subluxation stenosis of intervertebral foramina of lumbar region	Diagnosis	ICD-10-CM
M99.64	Osseous and subluxation stenosis of intervertebral foramina of sacral region	Diagnosis	ICD-10-CM
M99.65	Osseous and subluxation stenosis of intervertebral foramina of pelvic region	Diagnosis	ICD-10-CM
M99.66	Osseous and subluxation stenosis of intervertebral foramina of lower extremity	Diagnosis	ICD-10-CM
M99.67	Osseous and subluxation stenosis of intervertebral foramina of upper extremity	Diagnosis	ICD-10-CM
M99.68	Osseous and subluxation stenosis of intervertebral foramina of rib cage	Diagnosis	ICD-10-CM
M99.69	Osseous and subluxation stenosis of intervertebral foramina of abdomen and	Diagnosis	ICD-10-CM
	other regions		
M99.72	Connective tissue and disc stenosis of intervertebral foramina of thoracic region	Diagnosis	ICD-10-CM
M99.73	Connective tissue and disc stenosis of intervertebral foramina of lumbar region	Diagnosis	ICD-10-CM
M99.74	Connective tissue and disc stenosis of intervertebral foramina of sacral region	Diagnosis	ICD-10-CM
M99.75	Connective tissue and disc stenosis of intervertebral foramina of pelvic region	Diagnosis	ICD-10-CM
M99.76	Connective tissue and disc stenosis of intervertebral foramina of lower extremity	Diagnosis	ICD-10-CM
M99.77	Connective tissue and disc stenosis of intervertebral foramina of upper extremity	Diagnosis	ICD-10-CM
M99.78	Connective tissue and disc stenosis of intervertebral foramina of rib cage	Diagnosis	ICD-10-CM
M99.79	Connective tissue and disc stenosis of intervertebral foramina of abdomen and other regions	Diagnosis	ICD-10-CM
	Attention-Deficit/Hyperactivity Disorder		
F90.0	Attention-deficit hyperactivity disorder, predominantly inattentive type	Diagnosis	ICD-10-CM
F90.1	Attention-deficit hyperactivity disorder, predominantly hyperactive type	Diagnosis	ICD-10-CM
F90.2	Attention-deficit hyperactivity disorder, combined type	Diagnosis	ICD-10-CM
F90.8	Attention-deficit hyperactivity disorder, other type	Diagnosis	ICD-10-CM
F90.9	Attention-deficit hyperactivity disorder, unspecified type	Diagnosis	ICD-10-CM
	Conduct or adjustment disorders or other related disorders		
F43.24	Adjustment disorder with disturbance of conduct	Diagnosis	ICD-10-CM
F43.25	Adjustment disorder with mixed disturbance of emotions and conduct	Diagnosis	ICD-10-CM
F63.0	Pathological gambling	Diagnosis	ICD-10-CM
F63.1	Pyromania	Diagnosis	ICD-10-CM
F63.2	Kleptomania	Diagnosis	ICD-10-CM
F63.3	Trichotillomania	Diagnosis	ICD-10-CM
F63.81	Intermittent explosive disorder	Diagnosis	ICD-10-CM
F63.89	Other impulse disorders	Diagnosis	ICD-10-CM
F91	Conduct disorders	Diagnosis	ICD-10-CM
F91.0	Conduct disorder confined to family context	Diagnosis	ICD-10-CM
F91.1	Conduct disorder, childhood-onset type	Diagnosis	ICD-10-CM
F91.2	Conduct disorder, adolescent-onset type	Diagnosis	ICD-10-CM
F91.3	Oppositional defiant disorder	Diagnosis	ICD-10-CM
F91.8	Other conduct disorders	Diagnosis	ICD-10-CM
F91.9	Conduct disorder, unspecified	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 190 of 390



Code	Description	Code Category	Code Type
	Narcolepsy		
G47.411	Narcolepsy With Cataplexy	Diagnosis	ICD-10-CM
G47.419	Narcolepsy Without Cataplexy	Diagnosis	ICD-10-CM
	Hypertension		
I10	Essential (primary) hypertension	Diagnosis	ICD-10-CM
I15.2	Hypertension secondary to endocrine disorders	Diagnosis	ICD-10-CM
I15.1	Hypertension secondary to other renal disorders	Diagnosis	ICD-10-CM
112.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney	Diagnosis	ICD-10-CM
	disease, or unspecified chronic kidney disease		
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end	Diagnosis	ICD-10-CM
	stage renal disease		
167.4	Hypertensive encephalopathy	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1	Diagnosis	ICD-10-CM
	through stage 4 chronic kidney disease, or unspecified chronic kidney disease		
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage	Diagnosis	ICD-10-CM
	5 chronic kidney disease, or end stage renal disease		
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1	Diagnosis	ICD-10-CM
	through stage 4 chronic kidney disease, or unspecified chronic kidney disease		
113.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5	Diagnosis	ICD-10-CM
	chronic kidney disease, or end stage renal disease		
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I11.9	Hypertensive heart disease without heart failure	Diagnosis	ICD-10-CM
H35.033	Hypertensive retinopathy, bilateral	Diagnosis	ICD-10-CM
H35.032	Hypertensive retinopathy, left eye	Diagnosis	ICD-10-CM
H35.031	Hypertensive retinopathy, right eye	Diagnosis	ICD-10-CM
H35.039	Hypertensive retinopathy, unspecified eye	Diagnosis	ICD-10-CM
I15.8	Other secondary hypertension	Diagnosis	ICD-10-CM
N26.2	Page kidney	Diagnosis	ICD-10-CM
I15.0	Renovascular hypertension	Diagnosis	ICD-10-CM
I15.9	Secondary hypertension, unspecified	Diagnosis	ICD-10-CM
116.0	Hypertensive urgency	Diagnosis	ICD-10-CM
116.1	Hypertensive emergency	Diagnosis	ICD-10-CM
116.9	Hypertensive crisis, unspecified	Diagnosis	ICD-10-CM
I1A.0	Resistant hypertension	Diagnosis	ICD-10-CM
	Binge-Eating Disorder		
F50.81	Binge eating disorder	Diagnosis	ICD-10-CM
0240002	Coronary artery disease		100 40 000
0210083	Bypass Coronary Artery, One Artery from Coronary Artery with Zooplastic Tissue,	Procedure	ICD-10-PCS
0240000	Open Approach	Dun and duna	ICD 40 DCC
0210088	Bypass Coronary Artery, One Artery from Right Internal Mammary with	Procedure	ICD-10-PCS
0240000	Zooplastic Tissue, Open Approach	Durand	100 10 500
0210089	Bypass Coronary Artery, One Artery from Left Internal Mammary with Zooplastic	Procedure	ICD-10-PCS
0240000	Tissue, Open Approach	Durand	100 10 500
021008C	Bypass Coronary Artery, One Artery from Thoracic Artery with Zooplastic Tissue,	Procedure	ICD-10-PCS
	Open Approach		

cder\_mpl1p\_wp085 Page 191 of 390



Code	Description	<b>Code Category</b>	Code Type
021008F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021008W	Bypass Coronary Artery, One Artery from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0210093	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0210098	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0210099	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009C	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009W	Bypass Coronary Artery, One Artery from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02100A3	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100A8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100A9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AC	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AW	Bypass Coronary Artery, One Artery from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100J3	Bypass Coronary Artery, One Artery from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100J8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100J9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JC	Bypass Coronary Artery, One Artery from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JW	Bypass Coronary Artery, One Artery from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100K3	Bypass Coronary Artery, One Artery from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100K8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 192 of 390



Code	Description	<b>Code Category</b>	Code Type
02100K9	Bypass Coronary Artery, One Artery from Left Internal Mammary with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Open Approach		
02100KC	Bypass Coronary Artery, One Artery from Thoracic Artery with Nonautologous	Procedure	ICD-10-PCS
	Tissue Substitute, Open Approach		
02100KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous	Procedure	ICD-10-PCS
	Tissue Substitute, Open Approach		
02100KW	Bypass Coronary Artery, One Artery from Aorta with Nonautologous Tissue	Procedure	ICD-10-PCS
	Substitute, Open Approach		
02100Z3	Bypass Coronary Artery, One Artery from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02100Z8	Bypass Coronary Artery, One Artery from Right Internal Mammary, Open	Procedure	ICD-10-PCS
	Approach		
02100Z9	Bypass Coronary Artery, One Artery from Left Internal Mammary, Open	Procedure	ICD-10-PCS
02100ZC	Bypass Coronary Artery, One Artery from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02100ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0210483	Bypass Coronary Artery, One Artery from Coronary Artery with Zooplastic Tissue,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
0210488	Bypass Coronary Artery, One Artery from Right Internal Mammary with	Procedure	ICD-10-PCS
	Zooplastic Tissue, Percutaneous Endoscopic Approach		
0210489	Bypass Coronary Artery, One Artery from Left Internal Mammary with Zooplastic	Procedure	ICD-10-PCS
	Tissue, Percutaneous Endoscopic Approach		
021048C	Bypass Coronary Artery, One Artery from Thoracic Artery with Zooplastic Tissue,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
021048F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic	Procedure	ICD-10-PCS
	Tissue, Percutaneous Endoscopic Approach		
021048W	Bypass Coronary Artery, One Artery from Aorta with Zooplastic Tissue,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
0210493	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous	Procedure	ICD-10-PCS
	Venous Tissue, Percutaneous Endoscopic Approach		
0210498	Bypass Coronary Artery, One Artery from Right Internal Mammary with	Procedure	ICD-10-PCS
	Autologous Venous Tissue, Percutaneous Endoscopic Approach		
0210499	Bypass Coronary Artery, One Artery from Left Internal Mammary with	Procedure	ICD-10-PCS
	Autologous Venous Tissue, Percutaneous Endoscopic Approach		
021049C	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous	Procedure	ICD-10-PCS
	Venous Tissue, Percutaneous Endoscopic Approach		
021049F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous	Procedure	ICD-10-PCS
	Venous Tissue, Percutaneous Endoscopic Approach		
021049W	Bypass Coronary Artery, One Artery from Aorta with Autologous Venous Tissue,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02104A3	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous	Procedure	ICD-10-PCS
	Arterial Tissue, Percutaneous Endoscopic Approach		
02104A8	Bypass Coronary Artery, One Artery from Right Internal Mammary with	Procedure	ICD-10-PCS
	Autologous Arterial Tissue, Percutaneous Endoscopic Approach		
02104A9	Bypass Coronary Artery, One Artery from Left Internal Mammary with	Procedure	ICD-10-PCS
	Autologous Arterial Tissue, Percutaneous Endoscopic Approach		

cder\_mpl1p\_wp085 Page 193 of 390



Code	Description	<b>Code Category</b>	Code Type
02104AC	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous	Procedure	ICD-10-PCS
	Arterial Tissue, Percutaneous Endoscopic Approach		
02104AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous	Procedure	ICD-10-PCS
	Arterial Tissue, Percutaneous Endoscopic Approach		
02104AW	Bypass Coronary Artery, One Artery from Aorta with Autologous Arterial Tissue,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02104J3	Bypass Coronary Artery, One Artery from Coronary Artery with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02104J8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02104J9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02104JC	Bypass Coronary Artery, One Artery from Thoracic Artery with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02104JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02104JW	Bypass Coronary Artery, One Artery from Aorta with Synthetic Substitute,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02104K3	Bypass Coronary Artery, One Artery from Coronary Artery with Nonautologous	Procedure	ICD-10-PCS
	Tissue Substitute, Percutaneous Endoscopic Approach		
02104K8	Bypass Coronary Artery, One Artery from Right Internal Mammary with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	_	
02104K9	Bypass Coronary Artery, One Artery from Left Internal Mammary with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		
02104KC	Bypass Coronary Artery, One Artery from Thoracic Artery with Nonautologous	Procedure	ICD-10-PCS
2242445	Tissue Substitute, Percutaneous Endoscopic Approach		100 10 000
02104KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous	Procedure	ICD-10-PCS
024041041	Tissue Substitute, Percutaneous Endoscopic Approach	5 1	160 40 066
02104KW	Bypass Coronary Artery, One Artery from Aorta with Nonautologous Tissue	Procedure	ICD-10-PCS
0240472	Substitute, Percutaneous Endoscopic Approach	Dun and duna	ICD 40 DCC
02104Z3	Bypass Coronary Artery, One Artery from Coronary Artery, Percutaneous	Procedure	ICD-10-PCS
0210470	Endoscopic Approach	Dragodura	ICD 10 DCS
02104Z8	Bypass Coronary Artery, One Artery from Right Internal Mammary, Percutaneous	Procedure	ICD-10-PCS
02104Z9	Endoscopic Approach  Bypass Coronary Artony One Artony from Left Internal Mammary Persystaneous	Dracadura	ICD-10-PCS
0210429	Bypass Coronary Artery, One Artery from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PC3
02104ZC	Bypass Coronary Artery, One Artery from Thoracic Artery, Percutaneous	Procedure	ICD-10-PCS
021042C	Endoscopic Approach	riocedure	ICD-10-FC3
02104ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Percutaneous	Procedure	ICD-10-PCS
0210421	Endoscopic Approach	riocedure	ICD-10-FC3
0211083	Bypass Coronary Artery, Two Arteries from Coronary Artery with Zooplastic	Procedure	ICD-10-PCS
0211003	Tissue, Open Approach	Trocedure	ICD-10-FC3
0211088	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with	Procedure	ICD-10-PCS
0211000	Zooplastic Tissue, Open Approach	Troccaare	100 101 03
	200piastic 1135ac, Open Approach		

cder\_mpl1p\_wp085 Page 194 of 390



Code	Description	<b>Code Category</b>	Code Type
0211089	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021108C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021108F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021108W	Bypass Coronary Artery, Two Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0211093	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0211098	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0211099	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109W	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02110A3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110A8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110A9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AW	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110J3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110J8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110J9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110JC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110JW	Bypass Coronary Artery, Two Arteries from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 195 of 390



Code	Description	<b>Code Category</b>	Code Type
02110K3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110K8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110K9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110KC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110KW	Bypass Coronary Artery, Two Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110Z3	Bypass Coronary Artery, Two Arteries from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02110Z8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02110Z9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02110ZC	Bypass Coronary Artery, Two Arteries from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02110ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0211483	Bypass Coronary Artery, Two Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211488	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211489	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148W	Bypass Coronary Artery, Two Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211493	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211498	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211499	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149W	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114A3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 196 of 390



Code	Description	<b>Code Category</b>	Code Type
02114A8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with	Procedure	ICD-10-PCS
	Autologous Arterial Tissue, Percutaneous Endoscopic Approach		
02114A9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Autologous Arterial Tissue, Percutaneous Endoscopic Approach		
02114AC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous	Procedure	ICD-10-PCS
	Arterial Tissue, Percutaneous Endoscopic Approach		
02114AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous	Procedure	ICD-10-PCS
	Arterial Tissue, Percutaneous Endoscopic Approach		
02114AW	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Arterial Tissue,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02114J3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02114J8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with	Procedure	ICD-10-PCS
	Synthetic Substitute, Percutaneous Endoscopic Approach		
02114J9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Synthetic Substitute, Percutaneous Endoscopic Approach		
02114JC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02114JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02114JW	Bypass Coronary Artery, Two Arteries from Aorta with Synthetic Substitute,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02114K3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Nonautologous	Procedure	ICD-10-PCS
	Tissue Substitute, Percutaneous Endoscopic Approach		
02114K8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		
02114K9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		
02114KC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Nonautologous	Procedure	ICD-10-PCS
	Tissue Substitute, Percutaneous Endoscopic Approach	_	
02114KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	_	
02114KW	Bypass Coronary Artery, Two Arteries from Aorta with Nonautologous Tissue	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach	_	
02114Z3	Bypass Coronary Artery, Two Arteries from Coronary Artery, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
02114Z8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02114Z9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02114ZC	Bypass Coronary Artery, Two Arteries from Thoracic Artery, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
02114ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		

cder\_mpl1p\_wp085 Page 197 of 390



Code	Description	Code Category	
0212083	Bypass Coronary Artery, Three Arteries from Coronary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0212088	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0212089	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021208C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021208F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021208W	Bypass Coronary Artery, Three Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0212093	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0212098	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0212099	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with  Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209W	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02120A3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120A8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120A9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120AC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120AW	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120J3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120J8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120J9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120JC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 198 of 390



Code	Description	Code Category	Code Type
02120JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120JW	Bypass Coronary Artery, Three Arteries from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120K3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120K8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120K9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120KC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120KW	Bypass Coronary Artery, Three Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120Z3	Bypass Coronary Artery, Three Arteries from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02120Z8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02120Z9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02120ZC	Bypass Coronary Artery, Three Arteries from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02120ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0212483	Bypass Coronary Artery, Three Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212488	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212489	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248W	Bypass Coronary Artery, Three Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212493	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212498	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212499	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 199 of 390



Code	Description	Code Category	Code Type
021249W	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Venous	Procedure	ICD-10-PCS
	Tissue, Percutaneous Endoscopic Approach		
02124A3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous	Procedure	ICD-10-PCS
	Arterial Tissue, Percutaneous Endoscopic Approach		
02124A8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with	Procedure	ICD-10-PCS
	Autologous Arterial Tissue, Percutaneous Endoscopic Approach		
02124A9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Autologous Arterial Tissue, Percutaneous Endoscopic Approach		
02124AC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous	Procedure	ICD-10-PCS
	Arterial Tissue, Percutaneous Endoscopic Approach		
02124AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous	Procedure	ICD-10-PCS
	Arterial Tissue, Percutaneous Endoscopic Approach		
02124AW	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Arterial	Procedure	ICD-10-PCS
	Tissue, Percutaneous Endoscopic Approach		
02124J3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02124J8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with	Procedure	ICD-10-PCS
	Synthetic Substitute, Percutaneous Endoscopic Approach		
02124J9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Synthetic Substitute, Percutaneous Endoscopic Approach		
02124JC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02124JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02124JW	Bypass Coronary Artery, Three Arteries from Aorta with Synthetic Substitute,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02124K3	Bypass Coronary Artery, Three Arteries from Coronary Artery with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		
02124K8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		
02124K9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		
02124KC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Nonautologous	Procedure	ICD-10-PCS
	Tissue Substitute, Percutaneous Endoscopic Approach		
02124KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		
02124KW	Bypass Coronary Artery, Three Arteries from Aorta with Nonautologous Tissue	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02124Z3	Bypass Coronary Artery, Three Arteries from Coronary Artery, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
02124Z8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02124Z9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		

cder\_mpl1p\_wp085 Page 200 of 390



Code	Description	<b>Code Category</b>	Code Type
02124ZC	Bypass Coronary Artery, Three Arteries from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213083	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0213088	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0213089	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021308C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021308F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021308W	Bypass Coronary Artery, Four or More Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0213093	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0213098	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0213099	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021309C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021309F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021309W	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02130A3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130A8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130A9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AW	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130J3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130J8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 201 of 390



Code	Description	<b>Code Category</b>	Code Type
02130J9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Synthetic Substitute, Open Approach		
02130JC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with	Procedure	ICD-10-PCS
	Synthetic Substitute, Open Approach		
02130JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with	Procedure	ICD-10-PCS
	Synthetic Substitute, Open Approach		
02130JW	Bypass Coronary Artery, Four or More Arteries from Aorta with Synthetic	Procedure	ICD-10-PCS
	Substitute, Open Approach		
02130K3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Open Approach		
02130K8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary	Procedure	ICD-10-PCS
	with Nonautologous Tissue Substitute, Open Approach		
02130K9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Open Approach		
02130KC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Open Approach		
02130KF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Open Approach		
02130KW	Bypass Coronary Artery, Four or More Arteries from Aorta with Nonautologous	Procedure	ICD-10-PCS
	Tissue Substitute, Open Approach		
02130Z3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery, Open	Procedure	ICD-10-PCS
	Approach		
02130Z8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary,	Procedure	ICD-10-PCS
	Open Approach		
02130Z9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary,	Procedure	ICD-10-PCS
	Open Approach		
02130ZC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery, Open	Procedure	ICD-10-PCS
	Approach		
02130ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Open	Procedure	ICD-10-PCS
	Approach		
0213483	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with	Procedure	ICD-10-PCS
	Zooplastic Tissue, Percutaneous Endoscopic Approach		
0213488	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary	Procedure	ICD-10-PCS
	with Zooplastic Tissue, Percutaneous Endoscopic Approach		
0213489	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Zooplastic Tissue, Percutaneous Endoscopic Approach		
021348C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with	Procedure	ICD-10-PCS
	Zooplastic Tissue, Percutaneous Endoscopic Approach		
021348F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with	Procedure	ICD-10-PCS
	Zooplastic Tissue, Percutaneous Endoscopic Approach		
021348W	Bypass Coronary Artery, Four or More Arteries from Aorta with Zooplastic Tissue,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
0213493	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 202 of 390



Code	Description	<b>Code Category</b>	Code Type
0213498	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary	Procedure	ICD-10-PCS
	with Autologous Venous Tissue, Percutaneous Endoscopic Approach		
0213499	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Autologous Venous Tissue, Percutaneous Endoscopic Approach		
021349C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with	Procedure	ICD-10-PCS
	Autologous Venous Tissue, Percutaneous Endoscopic Approach		
021349F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with	Procedure	ICD-10-PCS
	Autologous Venous Tissue, Percutaneous Endoscopic Approach		
021349W	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous	Procedure	ICD-10-PCS
	Venous Tissue, Percutaneous Endoscopic Approach		
02134A3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with	Procedure	ICD-10-PCS
	Autologous Arterial Tissue, Percutaneous Endoscopic Approach		
02134A8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary	Procedure	ICD-10-PCS
	with Autologous Arterial Tissue, Percutaneous Endoscopic Approach		
02134A9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Autologous Arterial Tissue, Percutaneous Endoscopic Approach		
02134AC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with	Procedure	ICD-10-PCS
	Autologous Arterial Tissue, Percutaneous Endoscopic Approach		
02134AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with	Procedure	ICD-10-PCS
	Autologous Arterial Tissue, Percutaneous Endoscopic Approach		
02134AW	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous	Procedure	ICD-10-PCS
	Arterial Tissue, Percutaneous Endoscopic Approach		
02134J3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with	Procedure	ICD-10-PCS
	Synthetic Substitute, Percutaneous Endoscopic Approach		
02134J8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary	Procedure	ICD-10-PCS
	with Synthetic Substitute, Percutaneous Endoscopic Approach		
02134J9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Synthetic Substitute, Percutaneous Endoscopic Approach		
02134JC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with	Procedure	ICD-10-PCS
	Synthetic Substitute, Percutaneous Endoscopic Approach		
02134JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with	Procedure	ICD-10-PCS
	Synthetic Substitute, Percutaneous Endoscopic Approach		
02134JW	Bypass Coronary Artery, Four or More Arteries from Aorta with Synthetic	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02134K3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		
02134K8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary	Procedure	ICD-10-PCS
	with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		
02134K9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		
02134KC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with	Procedure	ICD-10-PCS
	Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		
02134KF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with	Procedure	ICD-10-PCS
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cder\_mpl1p\_wp085 Page 203 of 390



Code	Description	<b>Code Category</b>	Code Type
02134KW	Bypass Coronary Artery, Four or More Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134ZC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K0Z8	Bypass Right Ventricle to Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021K0Z9	Bypass Right Ventricle to Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021K0ZC	Bypass Right Ventricle to Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
021K0ZF	Bypass Right Ventricle to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021K0ZW	Bypass Right Ventricle to Aorta, Open Approach	Procedure	ICD-10-PCS
021K4Z8	Bypass Right Ventricle to Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4Z9	Bypass Right Ventricle to Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZC	Bypass Right Ventricle to Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZF	Bypass Right Ventricle to Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZW	Bypass Right Ventricle to Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L08P	Bypass Left Ventricle to Pulmonary Trunk with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021L08Q	Bypass Left Ventricle to Right Pulmonary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021L08R	Bypass Left Ventricle to Left Pulmonary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021L09P	Bypass Left Ventricle to Pulmonary Trunk with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021L09Q	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021L09R	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021L0AP	Bypass Left Ventricle to Pulmonary Trunk with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
021L0AQ	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
021L0AR	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
021L0JP	Bypass Left Ventricle to Pulmonary Trunk with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021L0JQ	Bypass Left Ventricle to Right Pulmonary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 204 of 390



Code	Description	Code Category	Code Type
021L0JR	Bypass Left Ventricle to Left Pulmonary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021L0KP	Bypass Left Ventricle to Pulmonary Trunk with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
021L0KQ	Bypass Left Ventricle to Right Pulmonary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
021L0KR	Bypass Left Ventricle to Left Pulmonary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
021L0Z8	Bypass Left Ventricle to Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021L0Z9	Bypass Left Ventricle to Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021L0ZC	Bypass Left Ventricle to Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZF	Bypass Left Ventricle to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZP	Bypass Left Ventricle to Pulmonary Trunk, Open Approach	Procedure	ICD-10-PCS
021L0ZQ	Bypass Left Ventricle to Right Pulmonary Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZR	Bypass Left Ventricle to Left Pulmonary Artery, Open Approach	Procedure	ICD-10-PCS
021L48P	Bypass Left Ventricle to Pulmonary Trunk with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L48Q	Bypass Left Ventricle to Right Pulmonary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L48R	Bypass Left Ventricle to Left Pulmonary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L49P	Bypass Left Ventricle to Pulmonary Trunk with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L49Q	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L49R	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4AP	Bypass Left Ventricle to Pulmonary Trunk with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4AQ	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4AR	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4JP	Bypass Left Ventricle to Pulmonary Trunk with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4JQ	Bypass Left Ventricle to Right Pulmonary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4JR	Bypass Left Ventricle to Left Pulmonary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4KP	Bypass Left Ventricle to Pulmonary Trunk with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4KQ	Bypass Left Ventricle to Right Pulmonary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4KR	Bypass Left Ventricle to Left Pulmonary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 205 of 390



Code	Description	Code Category	Code Type
021L4Z8	Bypass Left Ventricle to Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4Z9	Bypass Left Ventricle to Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZC	Bypass Left Ventricle to Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZF	Bypass Left Ventricle to Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZP	Bypass Left Ventricle to Pulmonary Trunk, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZQ	Bypass Left Ventricle to Right Pulmonary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZR	Bypass Left Ventricle to Left Pulmonary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0270046	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027004Z	Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0270056	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027005Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0270066	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027006Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0270076	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug- eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027007Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02700DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02700E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700EZ	Dilation of Coronary Artery, One Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700T6	Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 206 of 390



Code	Description	Code Category	Code Type
02700TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device,	Procedure	ICD-10-PCS
	Open Approach		
02700Z6	Dilation of Coronary Artery, One Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02700ZZ	Dilation of Coronary Artery, One Artery, Open Approach	Procedure	ICD-10-PCS
0270346	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Device, Percutaneous Approach		
027034Z	Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device,	Procedure	ICD-10-PCS
	Percutaneous Approach		
0270356	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Approach		
027035Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Devices, Percutaneous Approach		
0270366	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Approach		
027036Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Devices, Percutaneous Approach		
0270376	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug-	Procedure	ICD-10-PCS
	eluting Intraluminal Devices, Percutaneous Approach		
027037Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Approach		
02703D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device,	Procedure	ICD-10-PCS
0270257	Percutaneous Approach	5 1	160 40 066
02703DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Percutaneous	Procedure	ICD-10-PCS
0270256	Approach	Danasaduus	ICD 10 DCC
02703E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal	Procedure	ICD-10-PCS
02703EZ	Devices, Percutaneous Approach Dilation of Coronary Artery, One Artery with Two Intraluminal Devices,	Procedure	ICD-10-PCS
02/03EZ	Percutaneous Approach	Procedure	ICD-10-PC3
02703F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal	Procedure	ICD-10-PCS
0270310	Devices, Percutaneous Approach	Trocedure	1CD-10-1 C5
02703FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices,	Procedure	ICD-10-PCS
02700.2	Percutaneous Approach	rroccaare	105 10 1 00
02703G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More	Procedure	ICD-10-PCS
01,000	Intraluminal Devices, Percutaneous Approach		.02 20 . 00
02703GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices,	Procedure	ICD-10-PCS
01/0001	Percutaneous Approach		.02 20 . 00
02703T6	Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive	Procedure	ICD-10-PCS
	Intraluminal Device, Percutaneous Approach		
02703TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device,	Procedure	ICD-10-PCS
	Percutaneous Approach		
0270446	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Device, Percutaneous Endoscopic Approach		
027044Z	Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device,	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 207 of 390



0270456	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting	Procedure	
		riocedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Endoscopic Approach	_	
027045Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Devices, Percutaneous Endoscopic Approach		
0270466	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Endoscopic Approach		
027046Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Devices, Percutaneous Endoscopic Approach		
0270476	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug-	Procedure	ICD-10-PCS
	eluting Intraluminal Devices, Percutaneous Endoscopic Approach		
027047Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Endoscopic Approach		
02704D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02704DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
02704E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal	Procedure	ICD-10-PCS
0270457	Devices, Percutaneous Endoscopic Approach	Dungandana	ICD 40 DCC
02704EZ	Dilation of Coronary Artery, One Artery with Two Intraluminal Devices,	Procedure	ICD-10-PCS
0270456	Percutaneous Endoscopic Approach  Dilation of Corporary Astory, One Astory, Diffusion with Three Introducing	Drocoduro	ICD 10 DCS
02704F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices,	Procedure	ICD-10-PCS
0270412	Percutaneous Endoscopic Approach	rrocedure	1CD-10-1 C3
02704G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Endoscopic Approach		
02704GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02704T6	Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive	Procedure	ICD-10-PCS
	Intraluminal Device, Percutaneous Endoscopic Approach		
02704TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
0271046	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Device, Open Approach		
027104Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device,	Procedure	ICD-10-PCS
	Open Approach		
0271056	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Open Approach		
027105Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Devices, Open Approach		
0271066	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Open Approach		
027106Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Devices, Open Approach		

cder\_mpl1p\_wp085 Page 208 of 390



Code	Description	<b>Code Category</b>	Code Type
0271076	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug- eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027107Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Open	Procedure	ICD-10-PCS
02710E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710Z6	Dilation of Coronary Artery, Two Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02710ZZ	Dilation of Coronary Artery, Two Arteries, Open Approach	Procedure	ICD-10-PCS
0271346	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
027134Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0271356	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027135Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0271366	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027136Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0271376	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug- eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027137Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Percutaneous  Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 209 of 390



Code	Description	<b>Code Category</b>	Code Type
02713E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0271446	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027144Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271456	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027145Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271466	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027146Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271476	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug- eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027147Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 210 of 390



Code	Description	Code Category	Code Type
02714G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272046	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027204Z	Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0272056	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027205Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0272066	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027206Z	Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0272076	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug- eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027207Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720EZ	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720F6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720Z6	Dilation of Coronary Artery, Three Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 211 of 390



Code	Description	<b>Code Category</b>	Code Type
02720ZZ	Dilation of Coronary Artery, Three Arteries, Open Approach	Procedure	ICD-10-PCS
0272346	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting	Procedure	ICD-10-PCS
027234Z	Intraluminal Device, Percutaneous Approach Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0272356	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027235Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0272366	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027236Z	Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0272376	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug- eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027237Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723EZ	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723F6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0272446	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027244Z	Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272456	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027245Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 212 of 390



Code	Description	<b>Code Category</b>	Code Type
0272466	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027246Z	Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272476	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug- eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027247Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724EZ	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724F6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0273046	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027304Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0273056	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug- eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027305Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0273066	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Drug- eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027306Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0273076	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027307Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug- eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 213 of 390



Code	Description	<b>Code Category</b>	Code Type
02730D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730EZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730F6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730GZ	Dilation of Coronary Artery, Four or More Arteries with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730T6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730TZ	Dilation of Coronary Artery, Four or More Arteries with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730Z6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02730ZZ	Dilation of Coronary Artery, Four or More Arteries, Open Approach	Procedure	ICD-10-PCS
0273346	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
027334Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0273356	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug- eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027335Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0273366	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Drug- eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027336Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0273376	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027337Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug- eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02733DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02733E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 214 of 390



Code	Description	<b>Code Category</b>	Code Type
02733EZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal	Procedure	ICD-10-PCS
	Devices, Percutaneous Approach		
02733F6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Approach		
02733FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal	Procedure	ICD-10-PCS
	Devices, Percutaneous Approach		
02733G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or	Procedure	ICD-10-PCS
	More Intraluminal Devices, Percutaneous Approach		
02733GZ	Dilation of Coronary Artery, Four or More Arteries with Four or More	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Approach		
02733T6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Radioactive	Procedure	ICD-10-PCS
	Intraluminal Device, Percutaneous Approach		
02733TZ	Dilation of Coronary Artery, Four or More Arteries with Radioactive Intraluminal	Procedure	ICD-10-PCS
	Device, Percutaneous Approach		
0273446	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Device, Percutaneous Endoscopic Approach		
027344Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Device, Percutaneous Endoscopic Approach		
0273456	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug-	Procedure	ICD-10-PCS
	eluting Intraluminal Devices, Percutaneous Endoscopic Approach		
027345Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Endoscopic Approach		
0273466	, , ,	Procedure	ICD-10-PCS
	eluting Intraluminal Devices, Percutaneous Endoscopic Approach		
027346Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting	Procedure	ICD-10-PCS
0272476	Intraluminal Devices, Percutaneous Endoscopic Approach		100 40 000
0273476	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or	Procedure	ICD-10-PCS
0272477	More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach		100 40 000
027347Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug-	Procedure	ICD-10-PCS
0272456	eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Dunnadium	ICD 10 DCC
02734D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal	Procedure	ICD-10-PCS
0272407	Device, Percutaneous Endoscopic Approach	Procedure	ICD 10 DCS
02734DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device,	Procedure	ICD-10-PCS
0272456	Percutaneous Endoscopic Approach Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two	Dragodura	ICD 10 DCS
02734E6	• • •	Procedure	ICD-10-PCS
02734EZ	Intraluminal Devices, Percutaneous Endoscopic Approach  Dilation of Corporat Artery, Four or More Arteries with Two Intraluminal	Procedure	ICD-10-PCS
02/34LZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal Devices, Percutaneous Endoscopic Approach	riocedure	ICD-10-PC3
02734F6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three	Procedure	ICD-10-PCS
U∠/ J <del>+</del> I⁻U	Intraluminal Devices, Percutaneous Endoscopic Approach	Trocedure	100-10-103
02734FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal	Procedure	ICD-10-PCS
02/J <del>T</del> I L	Devices, Percutaneous Endoscopic Approach	Trocedure	100-10-100
		<b>5</b> 1	ICD 40 DCC
02734G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 215 of 390



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cder\_mpl1p\_wp085 Page 216 of 390



Code	Description	<b>Code Category</b>	Code Type
2C34Z6	Extirpation of Matter from Coronary Artery, Four or More Arteries, Bifurcation,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
2C34ZZ	Extirpation of Matter from Coronary Artery, Four or More Arteries, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
3510	Coronary artery bypass, vein only; single coronary venous graft	Procedure	CPT-4
3511	Coronary artery bypass, vein only; 2 coronary venous grafts	Procedure	CPT-4
3512	Coronary artery bypass, vein only; 3 coronary venous grafts	Procedure	CPT-4
3513	Coronary artery bypass, vein only; 4 coronary venous grafts	Procedure	CPT-4
3514	Coronary artery bypass, vein only; 5 coronary venous grafts	Procedure	CPT-4
8516	Coronary artery bypass, vein only; 6 or more coronary venous grafts	Procedure	CPT-4
3517	Coronary artery bypass, using venous graft(s) and arterial graft(s); single vein	Procedure	CPT-4
	graft (List separately in addition to code for primary procedure)		
3518	Coronary artery bypass, using venous graft(s) and arterial graft(s); 2 venous	Procedure	CPT-4
	grafts (List separately in addition to code for primary procedure)		
3519	Coronary artery bypass, using venous graft(s) and arterial graft(s); 3 venous	Procedure	CPT-4
	grafts (List separately in addition to code for primary procedure)		
3520	Coronary Artery Bypass, Nonautogenous Graft (eg, Synthetic Or Cadaver); Single	Procedure	CPT-4
	Graft		
3521	Coronary artery bypass, using venous graft(s) and arterial graft(s); 4 venous	Procedure	CPT-4
	grafts (List separately in addition to code for primary procedure)		
3522	Coronary artery bypass, using venous graft(s) and arterial graft(s); 5 venous	Procedure	CPT-4
	grafts (List separately in addition to code for primary procedure)		
3523	Coronary artery bypass, using venous graft(s) and arterial graft(s); 6 or more	Procedure	CPT-4
	venous grafts (List separately in addition to code for primary procedure)		
3525	Coronary Artery Bypass, Nonautogenous Graft (eg, Synthetic Or Cadaver); Two	Procedure	CPT-4
	Coronary Grafts		
3528	Coronary Artery Bypass, Nonautogenous Graft (eg, Synthetic Or Cadaver); Three	Procedure	CPT-4
	Or More Coronary Grafts		
3530	Reoperation, coronary artery bypass procedure or valve procedure, more than 1	Procedure	CPT-4
	month after original operation (List separately in addition to code for primary		
	procedure)		
533	Coronary artery bypass, using arterial graft(s); single arterial graft	Procedure	CPT-4
534	Coronary artery bypass, using arterial graft(s); 2 coronary arterial grafts	Procedure	CPT-4
535	Coronary artery bypass, using arterial graft(s); 3 coronary arterial grafts	Procedure	CPT-4
3536	Coronary artery bypass, using arterial graft(s); 4 or more coronary arterial grafts	Procedure	CPT-4
3560	Myocardial Operation Combined With Coronary Bypass Procedure	Procedure	CPT-4
3570	CORONARY ANGIOPLASTY W/BYPASS	Procedure	CPT-4
3572	Coronary endarterectomy, open, any method, of left anterior descending,	Procedure	CPT-4
	circumflex, or right coronary artery performed in conjunction with coronary		
	artery bypass graft procedure, each vessel (List separately in addition to primary		
	procedure)		
3575	CORON ANGIOPLSTY W/BYPASS; COMBO W/VASCULARIZAT	Procedure	CPT-4
5600	Harvest of upper extremity artery, 1 segment, for coronary artery bypass	Procedure	CPT-4
	procedure (List separately in addition to code for primary procedure)		
07017	Introduction of Other Thrombolytic into Coronary Artery, Open Approach	Procedure	ICD-10-PCS
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cder\_mpl1p\_wp085 Page 217 of 390



Code	Description	Code Category	Code Type
3E070PZ	Introduction of Platelet Inhibitor into Coronary Artery, Open Approach	Procedure	ICD-10-PCS
3E07317	Introduction of Other Thrombolytic into Coronary Artery, Percutaneous	Procedure	ICD-10-PCS
3E073PZ	Introduction of Platelet Inhibitor into Coronary Artery, Percutaneous Approach	Procedure	ICD-10-PCS
92920	Percutaneous transluminal coronary angioplasty; single major coronary artery or branch	Procedure	CPT-4
92921	Percutaneous transluminal coronary angioplasty; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92924	Percutaneous transluminal coronary atherectomy, with coronary angioplasty when performed; single major coronary artery or branch	Procedure	CPT-4
92925	Percutaneous transluminal coronary atherectomy, with coronary angioplasty when performed; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92928	Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty when performed; single major coronary artery or branch	Procedure	CPT-4
92929	Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty when performed; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92933	Percutaneous transluminal coronary atherectomy, with intracoronary stent, with coronary angioplasty when performed; single major coronary artery or branch	Procedure	CPT-4
92934	Percutaneous transluminal coronary atherectomy, with intracoronary stent, with coronary angioplasty when performed; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92937	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of intracoronary stent, atherectomy and angioplasty, including distal protection when performed; single vessel	Procedure	CPT-4
92938	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of intracoronary stent, atherectomy and angioplasty, including distal protection when performed; each additional branch subtended by the bypass graft (List separately in addition to code for primary procedure)	Procedure	CPT-4
92941	Percutaneous transluminal revascularization of acute total/subtotal occlusion during acute myocardial infarction, coronary artery or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty, including aspiration thrombectomy when performed, single vessel	Procedure	CPT-4
92943	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; single vessel	Procedure	CPT-4
92944	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; each additional coronary artery, coronary artery branch, or bypass graft (List separately in addition to code for primary procedure)	Procedure	CPT-4
92973	Percutaneous transluminal coronary thrombectomy mechanical (List separately in addition to code for primary procedure)	Procedure	CPT-4

cder\_mpl1p\_wp085 Page 218 of 390



Code	Description	<b>Code Category</b>	Code Type
92974	Transcatheter placement of radiation delivery device for subsequent coronary	Procedure	CPT-4
	intravascular brachytherapy (List separately in addition to code for primary		
	procedure)		
92977	Thrombolysis, coronary; by intravenous infusion	Procedure	CPT-4
92980	Transcatheter placement of an intracoronary stent(s), percutaneous, with or	Procedure	CPT-4
	without other therapeutic intervention, any method; single vessel		
92981	Transcatheter placement of an intracoronary stent(s), percutaneous, with or	Procedure	CPT-4
	without other therapeutic intervention, any method; each additional vessel (List		
	separately in addition to code for primary procedure)		
92982	Percutaneous transluminal coronary balloon angioplasty; single vessel	Procedure	CPT-4
92984	Percutaneous transluminal coronary balloon angioplasty; each additional vessel	Procedure	CPT-4
	(List separately in addition to code for primary procedure)		
92995	Percutaneous transluminal coronary atherectomy, by mechanical or other	Procedure	CPT-4
	method, with or without balloon angioplasty; single vessel		
92996	Percutaneous transluminal coronary atherectomy, by mechanical or other	Procedure	CPT-4
	method, with or without balloon angioplasty; each additional vessel (List		
	separately in addition to code for primary procedure)		
93455	Catheter placement in coronary artery(s) for coronary angiography, including	Procedure	CPT-4
	intraprocedural injection(s) for coronary angiography, imaging supervision and		
	interpretation; with catheter placement(s) in bypass graft(s) (internal mammary,		
	free arterial, venous grafts) including intraprocedural injection(s) for bypass graft		
	angiography		
93457	Catheter placement in coronary artery(s) for coronary angiography, including	Procedure	CPT-4
	intraprocedural injection(s) for coronary angiography, imaging supervision and		
	interpretation; with catheter placement(s) in bypass graft(s) (internal mammary,		
	free arterial, venous grafts) including intraprocedural injection(s) for bypass graft		
	angiography and right heart catheterization		
93459	Catheter placement in coronary artery(s) for coronary angiography, including	Procedure	CPT-4
	intraprocedural injection(s) for coronary angiography, imaging supervision and		
	interpretation; with left heart catheterization including intraprocedural		
	injection(s) for left ventriculography, when performed, catheter placement(s) in		
	bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft		
	angiography		
93461	Catheter placement in coronary artery(s) for coronary angiography, including	Procedure	CPT-4
	intraprocedural injection(s) for coronary angiography, imaging supervision and		
	interpretation; with right and left heart catheterization including intraprocedural		
	injection(s) for left ventriculography, when performed, catheter placement(s) in		
	bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft		
	angiography		
B2020ZZ	Plain Radiography of Single Coronary Artery Bypass Graft using High Osmolar	Procedure	ICD-10-PCS
	Contrast		
B2021ZZ	Plain Radiography of Single Coronary Artery Bypass Graft using Low Osmolar	Procedure	ICD-10-PCS
	Contrast		
B202YZZ	Plain Radiography of Single Coronary Artery Bypass Graft using Other Contrast	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 219 of 390



Code	Description	<b>Code Category</b>	Code Type
32030ZZ	Plain Radiography of Multiple Coronary Artery Bypass Grafts using High Osmolar	Procedure	ICD-10-PCS
202477	Contrast	5 1	100 40 000
32031ZZ	Plain Radiography of Multiple Coronary Artery Bypass Grafts using Low Osmolar Contrast	Procedure	ICD-10-PCS
203YZZ	Plain Radiography of Multiple Coronary Artery Bypass Grafts using Other	Procedure	ICD-10-PCS
32070ZZ	Plain Radiography of Right Internal Mammary Bypass Graft using High Osmolar	Procedure	ICD-10-PCS
	Contrast		
32071ZZ	Plain Radiography of Right Internal Mammary Bypass Graft using Low Osmolar	Procedure	ICD-10-PCS
	Contrast		
3207YZZ	Plain Radiography of Right Internal Mammary Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
32080ZZ	Plain Radiography of Left Internal Mammary Bypass Graft using High Osmolar	Procedure	ICD-10-PCS
	Contrast		
32081ZZ	Plain Radiography of Left Internal Mammary Bypass Graft using Low Osmolar	Procedure	ICD-10-PCS
	Contrast		
208YZZ	Plain Radiography of Left Internal Mammary Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
20F0ZZ	Plain Radiography of Other Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS
20F1ZZ	Plain Radiography of Other Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
20FYZZ	Plain Radiography of Other Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
212010	Fluoroscopy of Single Coronary Artery Bypass Graft using High Osmolar Contrast,	Procedure	ICD-10-PCS
	Laser Intraoperative		
2120ZZ	Fluoroscopy of Single Coronary Artery Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS
212110	Fluoroscopy of Single Coronary Artery Bypass Graft using Low Osmolar Contrast, Laser Intraoperative	Procedure	ICD-10-PCS
2121ZZ	Fluoroscopy of Single Coronary Artery Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
212Y10	Fluoroscopy of Single Coronary Artery Bypass Graft using Other Contrast, Laser Intraoperative	Procedure	ICD-10-PCS
3212YZZ	Fluoroscopy of Single Coronary Artery Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
3213010	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using High Osmolar	Procedure	ICD-10-PCS
	Contrast, Laser Intraoperative		
2130ZZ	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using High Osmolar Contrast	Procedure	ICD-10-PCS
3213110	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using Low Osmolar	Procedure	ICD-10-PCS
213110	Contrast, Laser Intraoperative	Troccaare	100 10-1 03
32131ZZ	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using Low Osmolar	Procedure	ICD-10-PCS
	Contrast	roccuare	.00 10-1 03
3213Y10	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using Other Contrast,	Procedure	ICD-10-PCS
	Laser Intraoperative		
213YZZ	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using Other Contrast	Procedure	ICD-10-PCS
2170ZZ	Fluoroscopy of Right Internal Mammary Bypass Graft using High Osmolar	Procedure	ICD-10-PCS
<del></del>	Contrast		
2171ZZ	Fluoroscopy of Right Internal Mammary Bypass Graft using Low Osmolar	Procedure	ICD-10-PCS
217YZZ	Fluoroscopy of Right Internal Mammary Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
2180ZZ	Fluoroscopy of Left Internal Mammary Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS
2181ZZ	Fluoroscopy of Left Internal Mammary Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
218YZZ	Fluoroscopy of Left Internal Mammary Bypass Graft using Other Contrast	Procedure	ICD-10-PCS

cder\_mpl1p\_wp085 Page 220 of 390



Code	Description	<b>Code Category</b>	Code Type
B21F0ZZ	Fluoroscopy of Other Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS
B21F1ZZ	Fluoroscopy of Other Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
B21FYZZ	Fluoroscopy of Other Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
C1034	Catheter, coronary angioplasty, surpass superfusion catheter, long 30 surpass	Procedure	HCPCS
	superfusion catheter		
C1100	Guide wire, percutaneous transluminal coronary angioplasty, medtronic ave gt1 guide wire, medtronic ave gt2 fusion guide wire, interventional technologies trackwire, interventional technologies trackwire support, interventional technologies trackwire extra support	Procedure	HCPCS
C1101	Catheter, percutaneous transluminal coronary angioplasty guide, medtronic ave 5f, 6f, 7f, 8f, 9f zuma guide catheter, medtronic ave z2 5f, 6f, 7f, 8f, 9f zuma guide catheter, medtronic ave vector guide catheter, medtronic ave vector x guide catheter. note: only the medtronic ave z2 zuma guide catheters are effective october 1, 2000. the medtronic ave zuma guide catheters were effective august 1, 2000.		HCPCS
C1366	Guide wire, percutaneous transluminal coronary angioplasty, hi-torque iron man, hi-torque balance middleweight, hi-torque all star, hi-torque balance heavyweight, hi-torque balance trek	Procedure	HCPCS
C1367	Guide wire, percutaneous transluminal coronary angioplasty, hi-torque cross it, hi-torque cross-it 100xt, hi-torque cross-it 200xt, hi-torque cross-it 300xt, hi-torque wiggle	Procedure	HCPCS
C1500	Atherectomy system, peripheral, rotablator rotational angioplasty system with rotalink exchangeable catheter, advancer, and guide wire	Procedure	HCPCS
C1725	Catheter, transluminal angioplasty, nonlaser (may include guidance, infusion/perfusion capability)	Procedure	HCPCS
C1885	Catheter, transluminal angioplasty, laser	Procedure	HCPCS
C1930	Catheter, percutaneous transluminal coronary angioplasty, coyote dilatation catheter 20mm/30mm/40mm	Procedure	HCPCS
C1933	Catheter, opti-plast centurion 5.5f pta catheter (shaft length 50 cm to 120 cm), opti-plast xl 5.5f pta catheter (shaft length 75 cm to 120 cm), opti-plast pta catheter (5.5 fr), tru trac 5fr percutaneous transluminal angioplasty balloon dilatation catheter, optiplast xt 5 fr percutaneous transluminal angioplasty catheter (various sizes)	Procedure	HCPCS
C1948	Catheter, pursuit balloon angioplasty catheter, cook accent balloon angioplasty catheter	Procedure	HCPCS
C1981	Catheter ,coronary angioplasty balloon, adante, bonnie, bonnie 15mm, bonnie monorail 30mm or 40mm, bonnie sliding rail, bypass speedy, chubby, chubby sliding rail, coyote 20mm, coyote 9/15/25mm, maxxum, nc ranger, nc ranger 9mm, ranger 20mm, long ranger 30mm or 40mm, nc ranger 16/18mm, nc ranger 22/25/30mm, nc big ranger, quantum ranger, quantum ranger 1/4 sizes, quantum ranger 9/16/18mm, quantum ranger 22/30mm, quantum ranger 25mm, ranger lp 20/30/40, viva/long viva, ace - 1cm, ace - 2cm, ace graft, long ace, pivot cobra (10, 14, 18, 30, 40mm in lengths) note: only the bonnie monorail 30mm or	Procedure	HCPCS

cder\_mpl1p\_wp085 Page 221 of 390



Code	Description	Code Category	Code Type
C2605	Catheter, spectranetics extreme laser catheter, spectranetics extreme 0.9mm	Procedure	HCPCS
	coronary angioplasty catheter (model 110-001)		
C2623	Catheter, transluminal angioplasty, drug-coated, nonlaser	Procedure	HCPCS
C3551	Guide wire, percutaneous transluminal coronary angioplasty, choice, luge,	Procedure	HCPCS
	patriot, pt graphix intermediate, trooper, mailman 182/300 cm, glidewire gold		
	guidewire, platinum plus guidewire, platinum plus guidewire with glidex		
	hydrophilic coating, jagwire single-use high performance guide wire, merit		
	medical systems extender guidewire, merit medical systems tomcat ptca		
	guidewire, platinum plus guidewire (0.014 and 0.018 in diameters)		
C8526	Optiplast xt 5f percutaneous transluminal angioplasty catheter (various sizes)	Procedure	HCPCS
C9600	Percutaneous transcatheter placement of drug eluting intracoronary stent(s),	Procedure	HCPCS
	with coronary angioplasty when performed; single major coronary artery or		
C9601	Percutaneous transcatheter placement of drug-eluting intracoronary stent(s),	Procedure	HCPCS
	with coronary angioplasty when performed; each additional branch of a major		
	coronary artery (list separately in addition to code for primary procedure)		
C9602	Percutaneous transluminal coronary atherectomy, with drug eluting	Procedure	HCPCS
	intracoronary stent, with coronary angioplasty when performed; single major		
	coronary artery or branch		
C9603	Percutaneous transluminal coronary atherectomy, with drug-eluting	Procedure	HCPCS
	intracoronary stent, with coronary angioplasty when performed; each additional		
	branch of a major coronary artery (list separately in addition to code for primary		
C9604	Percutaneous transluminal revascularization of or through coronary artery	Procedure	HCPCS
	bypass graft (internal mammary, free arterial, venous), any combination of drug-		
	eluting intracoronary stent, atherectomy and angioplasty, including distal		
	protection when performed; single vessel		
C9605	Percutaneous transluminal revascularization of or through coronary artery	Procedure	HCPCS
	bypass graft (internal mammary, free arterial, venous), any combination of drug-		
	eluting intracoronary stent, atherectomy and angioplasty, including distal		
	protection when performed; each additional branch subtended by the bypass		
	graft (list separately in addition to code for primary procedure)		
C9606	Percutaneous transluminal revascularization of acute total/subtotal occlusion	Procedure	HCPCS
	during acute myocardial infarction, coronary artery or coronary artery bypass		
	graft, any combination of drug-eluting intracoronary stent, atherectomy and		
	angioplasty, including aspiration thrombectomy when performed, single vessel		
C9607	Percutaneous transluminal revascularization of chronic total occlusion, coronary	Procedure	HCPCS
	artery, coronary artery branch, or coronary artery bypass graft, any combination		
	of drug-eluting intracoronary stent, atherectomy and angioplasty; single vessel		
C9608	Percutaneous transluminal revascularization of chronic total occlusion, coronary	Procedure	HCPCS
	artery, coronary artery branch, or coronary artery bypass graft, any combination		
	of drug-eluting intracoronary stent, atherectomy and angioplasty; each		
	additional coronary artery, coronary artery branch, or bypass graft (list		
	separately in addition to code for primary procedure)		
G0290	Transcatheter placement of a drug eluting intracoronary stent(s), percutaneous,	Procedure	HCPCS
	with or without other therapeutic intervention, any method; single vessel		

cder\_mpl1p\_wp085 Page 222 of 390



Code	Description	Code Category	Code Type
G0291	Transcatheter placement of a drug eluting intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; each additional vessel	Procedure	HCPCS
120	Angina pectoris	Diagnosis	ICD-10-CM
120.0	Unstable angina	Diagnosis	ICD-10-CM
120.1	Angina pectoris with documented spasm	Diagnosis	ICD-10-CM
120.8	Other forms of angina pectoris	Diagnosis	ICD-10-CM
120.9	Angina pectoris, unspecified	Diagnosis	ICD-10-CM
123.7	Postinfarction angina	Diagnosis	ICD-10-CM
124	Other acute ischemic heart diseases	Diagnosis	ICD-10-CM
124.0	Acute coronary thrombosis not resulting in myocardial infarction	Diagnosis	ICD-10-CM
124.8	Other forms of acute ischemic heart disease	Diagnosis	ICD-10-CM
124.9	Acute ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
125	Chronic ischemic heart disease	Diagnosis	ICD-10-CM
125.1	Atherosclerotic heart disease of native coronary artery	Diagnosis	ICD-10-CM
125.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	Diagnosis	ICD-10-CM
125.11	Atherosclerotic heart disease of native coronary artery with angina pectoris	Diagnosis	ICD-10-CM
125.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris	Diagnosis	ICD-10-CM
125.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
125.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris	Diagnosis	ICD-10-CM
125.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris	Diagnosis	ICD-10-CM
125.5	Ischemic cardiomyopathy	Diagnosis	ICD-10-CM
125.6	Silent myocardial ischemia	Diagnosis	ICD-10-CM
125.7	Atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
125.70	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris	Diagnosis	ICD-10-CM
125.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris	Diagnosis	ICD-10-CM
125.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
125.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris	Diagnosis	ICD-10-CM
125.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris	Diagnosis	ICD-10-CM
125.71	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
125.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
125.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 223 of 390



Code	Description	<b>Code Category</b>	Code Type
125.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other	Diagnosis	ICD-10-CM
	forms of angina pectoris		
125.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with	Diagnosis	ICD-10-CM
	unspecified angina pectoris		
125.72	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina	Diagnosis	ICD-10-CM
105 700	pectoris	<b>5</b>	100 10 011
125.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with	Diagnosis	ICD-10-CM
125 721	unstable angina pectoris	Diagnosis	ICD 10 CM
125.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
125.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other	Diagnosis	ICD-10-CM
123.720	forms of angina pectoris	Diagnosis	ICD-10-CIVI
125.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with	Diagnosis	ICD-10-CM
	unspecified angina pectoris	2148.16616	.02 20 0
125.73	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with	Diagnosis	ICD-10-CM
	angina pectoris	J	
125.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with	Diagnosis	ICD-10-CM
	unstable angina pectoris		
125.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with	Diagnosis	ICD-10-CM
	angina pectoris with documented spasm		
125.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with	Diagnosis	ICD-10-CM
	other forms of angina pectoris		
125.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with	Diagnosis	ICD-10-CM
125.75	unspecified angina pectoris	<b>5</b>	160 40 614
125.75	Atherosclerosis of native coronary artery of transplanted heart with angina	Diagnosis	ICD-10-CM
125.750	pectoris Atherosclerosis of native coronary artery of transplanted heart with unstable	Diagnosis	ICD-10-CM
123.730	angina	Diagnosis	ICD-10-CIVI
125.751	Atherosclerosis of native coronary artery of transplanted heart with angina	Diagnosis	ICD-10-CM
0.,0_	pectoris with documented spasm	2148.16616	.02 20 0
125.758	Atherosclerosis of native coronary artery of transplanted heart with other forms	Diagnosis	ICD-10-CM
	of angina pectoris	J	
125.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified	Diagnosis	ICD-10-CM
	angina pectoris		
125.76	Atherosclerosis of bypass graft of coronary artery of transplanted heart with	Diagnosis	ICD-10-CM
	angina pectoris		
125.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with	Diagnosis	ICD-10-CM
	unstable angina		
125.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with	Diagnosis	ICD-10-CM
	angina pectoris with documented spasm		
125.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with	Diagnosis	ICD-10-CM
125 760	other forms of angina pectoris	Diagnasis	ICD 10 CM
125.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
125.79	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
123.73	Action of the coloniary artery bypass grantis, with anglia pectoris	Diagnosis	ICD-TO-CIAI

cder\_mpl1p\_wp085 Page 224 of 390



Code	Description	<b>Code Category</b>	Code Type
125.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina	Diagnosis	ICD-10-CM
	pectoris		
125.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with	Diagnosis	ICD-10-CM
	documented spasm		
125.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of	Diagnosis	ICD-10-CM
	angina pectoris		
125.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina	Diagnosis	ICD-10-CM
	pectoris		
125.8	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
125.81	Atherosclerosis of other coronary vessels without angina pectoris	Diagnosis	ICD-10-CM
125.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	Diagnosis	ICD-10-CM
125.811	Atherosclerosis of native coronary artery of transplanted heart without angina	Diagnosis	ICD-10-CM
	pectoris		
125.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without	Diagnosis	ICD-10-CM
	angina pectoris		
125.82	Chronic total occlusion of coronary artery	Diagnosis	ICD-10-CM
125.83	Coronary atherosclerosis due to lipid rich plaque	Diagnosis	ICD-10-CM
125.84	Coronary atherosclerosis due to calcified coronary lesion	Diagnosis	ICD-10-CM
125.89	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
125.9	Chronic ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
146.2	Cardiac arrest due to underlying cardiac condition	Diagnosis	ICD-10-CM
146.8	Cardiac arrest due to other underlying condition	Diagnosis	ICD-10-CM
146.9	Cardiac arrest, cause unspecified	Diagnosis	ICD-10-CM
147.0	Re-entry ventricular arrhythmia	Diagnosis	ICD-10-CM
147.2	Ventricular tachycardia	Diagnosis	ICD-10-CM
170	Atherosclerosis	Diagnosis	ICD-10-CM
170.0	Atherosclerosis of aorta	Diagnosis	ICD-10-CM
170.1	Atherosclerosis of renal artery	Diagnosis	ICD-10-CM
170.8	Atherosclerosis of other arteries	Diagnosis	ICD-10-CM
170.9	Other and unspecified atherosclerosis	Diagnosis	ICD-10-CM
170.90	Unspecified atherosclerosis	Diagnosis	ICD-10-CM
170.91	Generalized atherosclerosis	Diagnosis	ICD-10-CM
S2205	Minimally invasive direct coronary artery bypass surgery involving mini-	Procedure	HCPCS
	thoracotomy or mini-sternotomy surgery, performed under direct vision; using		
	arterial graft(s), single coronary arterial graft		
S2206	Minimally invasive direct coronary artery bypass surgery involving mini-	Procedure	HCPCS
	thoracotomy or mini-sternotomy surgery, performed under direct vision; using		
	arterial graft(s), 2 coronary arterial grafts		
S2207	Minimally invasive direct coronary artery bypass surgery involving mini-	Procedure	HCPCS
	thoracotomy or mini-sternotomy surgery, performed under direct vision; using		
	venous graft only, single coronary venous graft		
S2208	Minimally invasive direct coronary artery bypass surgery involving mini-	Procedure	HCPCS
	thoracotomy or mini-sternotomy surgery, performed under direct vision; using		

cder\_mpl1p\_wp085 Page 225 of 390



Code	Description	<b>Code Category</b>	Code Type
52209	Minimally invasive direct coronary artery bypass surgery involving mini-	Procedure	HCPCS
	thoracotomy or mini-sternotomy surgery, performed under direct vision; using 2		
	arterial grafts and single venous graft		
Γ82.211A	Breakdown (mechanical) of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
T82.212A	Displacement of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
T82.213A	Leakage of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
T82.218A	Other mechanical complication of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
(2C0361	Extirpation of Matter from Coronary Artery, One Artery using Orbital	Procedure	ICD-10-PCS
	Atherectomy Technology, Percutaneous Approach, New Technology Group 1		
<2C1361	Extirpation of Matter from Coronary Artery, Two Arteries using Orbital	Procedure	ICD-10-PCS
	Atherectomy Technology, Percutaneous Approach, New Technology Group 1		
(2C2361	Extirpation of Matter from Coronary Artery, Three Arteries using Orbital	Procedure	ICD-10-PCS
	Atherectomy Technology, Percutaneous Approach, New Technology Group 1		
(2C3361	Extirpation of Matter from Coronary Artery, Four or More Arteries using Orbital	Procedure	ICD-10-PCS
	Atherectomy Technology, Percutaneous Approach, New Technology Group 1		
Z95.1	Presence of aortocoronary bypass graft	Diagnosis	ICD-10-CM
<u>7</u> 95.5	Presence of coronary angioplasty implant and graft	Diagnosis	ICD-10-CM
	Cardiac arrhythmia	J	
390.A	Postural orthostatic tachycardia syndrome [POTS]	Diagnosis	ICD-10-CM
46.2	Cardiac arrest due to underlying cardiac condition	Diagnosis	ICD-10-CM
46.8	Cardiac arrest due to other underlying condition	Diagnosis	ICD-10-CM
46.9	Cardiac arrest, cause unspecified	Diagnosis	ICD-10-CM
47	Paroxysmal tachycardia	Diagnosis	ICD-10-CM
47.0	Re-entry ventricular arrhythmia	Diagnosis	ICD-10-CM
47.1	Supraventricular tachycardia	Diagnosis	ICD-10-CM
47.10	Supraventricular tachycardia, unspecified	Diagnosis	ICD-10-CM
47.11	Inappropriate sinus tachycardia, so stated	Diagnosis	ICD-10-CM
47.19	Other supraventricular tachycardia	Diagnosis	ICD-10-CM
47.2	Ventricular tachycardia	Diagnosis	ICD-10-CM
47.20	Ventricular tachycardia, unspecified	Diagnosis	ICD-10-CM
47.29	Other ventricular tachycardia	Diagnosis	ICD-10-CM
47.9	Paroxysmal tachycardia, unspecified	Diagnosis	ICD-10-CM
48	Atrial fibrillation and flutter	Diagnosis	ICD-10-CM
48.0	Paroxysmal atrial fibrillation	Diagnosis	ICD-10-CM
48.1	Persistent atrial fibrillation	Diagnosis	ICD-10-CM
48.11	Longstanding persistent atrial fibrillation	Diagnosis	ICD-10-CM
48.19	Other persistent atrial fibrillation	Diagnosis	ICD-10-CM
48.2	Chronic atrial fibrillation	Diagnosis	ICD-10-CM
+6.2 48.20	Chronic atrial fibrillation, unspecified	Diagnosis	ICD-10-CM
	·	=	
48.21	Permanent atrial fibrillation	Diagnosis	ICD-10-CM
48.3	Typical atrial flutter	Diagnosis	ICD-10-CM
48.4	Atypical atrial flutter	Diagnosis	ICD-10-CM
48.9 48.01	Unspecified atrial fibrillation and atrial flutter	Diagnosis	ICD-10-CM
48.91	Unspecified atrial fibrillation	Diagnosis Diagnosis	ICD-10-CM ICD-10-CM
48.92	Unspecified atrial flutter		

cder\_mpl1p\_wp085 Page 226 of 390



Code	Description	Code Category	Code Type
149	Other cardiac arrhythmias	Diagnosis	ICD-10-CM
149.0	Ventricular fibrillation and flutter	Diagnosis	ICD-10-CM
149.01	Ventricular fibrillation	Diagnosis	ICD-10-CM
149.02	Ventricular flutter	Diagnosis	ICD-10-CM
149.2	Junctional premature depolarization	Diagnosis	ICD-10-CM
149.8	Other specified cardiac arrhythmias	Diagnosis	ICD-10-CM
149.9	Cardiac arrhythmia, unspecified	Diagnosis	ICD-10-CM
P29.1	Neonatal cardiac dysrhythmia	Diagnosis	ICD-10-CM
P29.11	Neonatal tachycardia	Diagnosis	ICD-10-CM
R00.0	Tachycardia, unspecified	Diagnosis	ICD-10-CM
R00.1	Bradycardia, unspecified	Diagnosis	ICD-10-CM
	Cardiomyopathy		
125.5	cardiomyopathy	Diagnosis	ICD-10-CM
142.0	cardiomyopathy	Diagnosis	ICD-10-CM
142.1	cardiomyopathy	Diagnosis	ICD-10-CM
142.2	cardiomyopathy	Diagnosis	ICD-10-CM
142.5	cardiomyopathy	Diagnosis	ICD-10-CM
142.6	cardiomyopathy	Diagnosis	ICD-10-CM
142.7	cardiomyopathy	Diagnosis	ICD-10-CM
142.8	cardiomyopathy	Diagnosis	ICD-10-CM
142.9	cardiomyopathy	Diagnosis	ICD-10-CM
		Diagnosis	ICD-10-CM
143	cardiomyopathy	Diagnosis	ICD-10-CIVI
	Cardiac structural abnormality	_	
Q25.41	Cardiac structural abnormality Absence and aplasia of aorta	Diagnosis	ICD-10-CM
Q25.41 Q25.48	Cardiac structural abnormality  Absence and aplasia of aorta  Anomalous origin of subclavian artery	Diagnosis Diagnosis	ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5	Cardiac structural abnormality  Absence and aplasia of aorta  Anomalous origin of subclavian artery  Anomalous portal venous connection	Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4	Cardiac structural abnormality  Absence and aplasia of aorta  Anomalous origin of subclavian artery  Anomalous portal venous connection  Anomalous pulmonary venous connection, unspecified	Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4	Cardiac structural abnormality  Absence and aplasia of aorta  Anomalous origin of subclavian artery  Anomalous portal venous connection  Anomalous pulmonary venous connection, unspecified  Aortopulmonary septal defect	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5	Cardiac structural abnormality  Absence and aplasia of aorta  Anomalous origin of subclavian artery  Anomalous portal venous connection  Anomalous pulmonary venous connection, unspecified  Aortopulmonary septal defect  Atresia of pulmonary artery	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1	Cardiac structural abnormality  Absence and aplasia of aorta  Anomalous origin of subclavian artery  Anomalous portal venous connection  Anomalous pulmonary venous connection, unspecified  Aortopulmonary septal defect  Atresia of pulmonary artery  Atrial septal defect	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Atrioventricular septal defect	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Atrioventricular septal defect Coarctation of aorta	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Atrioventricular septal defect	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2 Q25.1 Q25.71 Q20.0	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Atrioventricular septal defect Coarctation of aorta Coarctation of pulmonary artery Common arterial trunk	Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2 Q25.1 Q25.71 Q20.0 Q25.43	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Atrioventricular septal defect Coarctation of aorta Coarctation of pulmonary artery Common arterial trunk Congenital aneurysm of aorta	Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2 Q25.1 Q25.71 Q20.0 Q25.43 Q25.44	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Atrioventricular septal defect Coarctation of aorta Coarctation of pulmonary artery Common arterial trunk Congenital aneurysm of aorta Congenital dilation of aorta	Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2 Q25.1 Q25.71 Q20.0 Q25.43 Q25.44 Q24.6	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Atrioventricular septal defect Coarctation of aorta Coarctation of pulmonary artery Common arterial trunk Congenital aneurysm of aorta Congenital dilation of aorta Congenital heart block	Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2 Q25.1 Q25.71 Q20.0 Q25.43 Q25.44 Q24.6 Q23.1	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Atrioventricular septal defect Coarctation of aorta Coarctation of pulmonary artery Common arterial trunk Congenital aneurysm of aorta Congenital dilation of aorta Congenital heart block Congenital insufficiency of aortic valve	Diagnosis	ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2 Q25.1 Q25.71 Q20.0 Q25.43 Q25.44 Q24.6 Q23.1 Q25.40	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Atrioventricular septal defect Coarctation of aorta Coarctation of pulmonary artery Common arterial trunk Congenital aneurysm of aorta Congenital dilation of aorta Congenital heart block Congenital insufficiency of aortic valve Congenital malformation of aorta unspecified	Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2 Q25.1 Q25.71 Q20.0 Q25.43 Q25.44 Q24.6 Q23.1 Q25.40 Q23.9	Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Atrioventricular septal defect Coarctation of aorta Coarctation of pulmonary artery Common arterial trunk Congenital aneurysm of aorta Congenital dilation of aorta Congenital heart block Congenital insufficiency of aortic valve Congenital malformation of aortic and mitral valves, unspecified	Diagnosis	ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2 Q25.1 Q25.71 Q20.0 Q25.43 Q25.44 Q24.6 Q23.1 Q25.40 Q23.9 Q20.9	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Coarctation of aorta Coarctation of pulmonary artery Common arterial trunk Congenital aneurysm of aorta Congenital dilation of aorta Congenital heart block Congenital insufficiency of aortic valve Congenital malformation of aortic and mitral valves, unspecified Congenital malformation of cardiac chambers and connections, unspecified	Diagnosis	ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2 Q25.1 Q25.71 Q20.0 Q25.43 Q25.44 Q24.6 Q23.1 Q25.40 Q23.9 Q20.9 Q21.9	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Coarctation of aorta Coarctation of aorta Coarctation of pulmonary artery Common arterial trunk Congenital aneurysm of aorta Congenital dilation of aorta Congenital insufficiency of aortic valve Congenital malformation of aorta unspecified Congenital malformation of cardiac chambers and connections, unspecified Congenital malformation of cardiac septum, unspecified	Diagnosis	ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2 Q25.1 Q25.71 Q20.0 Q25.43 Q25.44 Q24.6 Q23.1 Q25.40 Q23.9 Q20.9 Q21.9 Q28.9	Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Atrioventricular septal defect Coarctation of aorta Coarctation of pulmonary artery Common arterial trunk Congenital aneurysm of aorta Congenital dilation of aorta Congenital heart block Congenital insufficiency of aortic valve Congenital malformation of aorta unspecified Congenital malformation of cardiac chambers and connections, unspecified Congenital malformation of cardiac septum, unspecified Congenital malformation of circulatory system, unspecified	Diagnosis	ICD-10-CM
Q25.41 Q25.48 Q26.5 Q26.4 Q21.4 Q25.5 Q21.1 Q21.2 Q25.1 Q25.71 Q20.0 Q25.43 Q25.44 Q24.6 Q23.1 Q25.40 Q23.9 Q20.9 Q21.9	Cardiac structural abnormality  Absence and aplasia of aorta Anomalous origin of subclavian artery Anomalous portal venous connection Anomalous pulmonary venous connection, unspecified Aortopulmonary septal defect Atresia of pulmonary artery Atrial septal defect Coarctation of aorta Coarctation of aorta Coarctation of pulmonary artery Common arterial trunk Congenital aneurysm of aorta Congenital dilation of aorta Congenital insufficiency of aortic valve Congenital malformation of aorta unspecified Congenital malformation of cardiac chambers and connections, unspecified Congenital malformation of cardiac septum, unspecified	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 227 of 390



	LO-PCS) Codes Used to Define Baseline Characteristics in this Request		
Code	Description	Code Category	Code Type
Q24.9	Congenital malformation of heart, unspecified	Diagnosis	ICD-10-CM
Q22.9	Congenital malformation of tricuspid valve, unspecified	Diagnosis	ICD-10-CM
Q23.3	Congenital mitral insufficiency	Diagnosis	ICD-10-CM
Q23.2	Congenital mitral stenosis	Diagnosis	ICD-10-CM
Q27.4	Congenital phlebectasia	Diagnosis	ICD-10-CM
Q25.72	Congenital pulmonary arteriovenous malformation	Diagnosis	ICD-10-CM
Q22.2	Congenital pulmonary valve insufficiency	Diagnosis	ICD-10-CM
Q22.1	Congenital pulmonary valve stenosis	Diagnosis	ICD-10-CM
Q23.0	Congenital stenosis of aortic valve	Diagnosis	ICD-10-CM
Q26.0	Congenital stenosis of vena cava	Diagnosis	ICD-10-CM
Q24.4	Congenital subaortic stenosis	Diagnosis	ICD-10-CM
Q22.4	Congenital tricuspid stenosis	Diagnosis	ICD-10-CM
Q24.2	Cor triatriatum	Diagnosis	ICD-10-CM
Q24.0	Dextrocardia	Diagnosis	ICD-10-CM
Q20.5	Discordant atrioventricular connection	Diagnosis	ICD-10-CM
Q20.3	Discordant ventriculoarterial connection	Diagnosis	ICD-10-CM
Q25.45	Double aortic arch	Diagnosis	ICD-10-CM
Q20.4	Double inlet ventricle	Diagnosis	ICD-10-CM
Q20.2	Double outlet left ventricle	Diagnosis	ICD-10-CM
Q20.1	Double outlet right ventricle	Diagnosis	ICD-10-CM
Q22.5	Ebstein's anomaly	Diagnosis	ICD-10-CM
127.83	Eisenmenger's syndrome	Diagnosis	ICD-10-CM
Q25.42	Hypoplasia of aorta	Diagnosis	ICD-10-CM
Q23.4	Hypoplastic left heart syndrome	Diagnosis	ICD-10-CM
Q22.6	Hypoplastic right heart syndrome	Diagnosis	ICD-10-CM
Q25.21	Interruption of aortic arch	Diagnosis	ICD-10-CM
Q20.6	Isomerism of atrial appendages	Diagnosis	ICD-10-CM
Q24.1	Levocardia	Diagnosis	ICD-10-CM
Q24.5	Malformation of coronary vessels	Diagnosis	ICD-10-CM
Q25.29	Other atresia of aorta	Diagnosis	ICD-10-CM
Q25.49	Other congenital malformations of aorta	Diagnosis	ICD-10-CM
Q23.8	Other congenital malformations of aortic and mitral valves	Diagnosis	ICD-10-CM
Q20.8	Other congenital malformations of cardiac chambers and connections	Diagnosis	ICD-10-CM
Q21.8	Other congenital malformations of cardiac septa	Diagnosis	ICD-10-CM
Q26.8	Other congenital malformations of great veins	Diagnosis	ICD-10-CM
Q25.8	Other congenital malformations of other great arteries	Diagnosis	ICD-10-CM
Q25.79	Other congenital malformations of pulmonary artery	Diagnosis	ICD-10-CM
Q22.3	Other congenital malformations of pulmonary valve	Diagnosis	ICD-10-CM
Q22.8	Other congenital malformations of tricuspid valve	Diagnosis	ICD-10-CM
P29.38	Other persistent fetal circulation	Diagnosis	ICD-10-CM
Q28.8	Other specified congenital malformations of circulatory system	Diagnosis	ICD-10-CM
Q24.8	Other specified congenital malformations of heart	Diagnosis	ICD-10-CM
Q27.8	Other specified congenital malformations of peripheral vascular system	Diagnosis	ICD-10-CM
Q26.3	Partial anomalous pulmonary venous connection	Diagnosis	ICD-10-CM
Q25.0	Patent ductus arteriosus	Diagnosis	ICD-10-CM
Q25.0	i decire didetas di terrosas	D100110313	TO TO CIVI

cder\_mpl1p\_wp085 Page 228 of 390



Code	Description	Code Category	Code Type
Q26.1	Persistent left superior vena cava	Diagnosis	ICD-10-CM
Q24.3	Pulmonary infundibular stenosis	Diagnosis	ICD-10-CM
Q22.0	Pulmonary valve atresia	Diagnosis	ICD-10-CM
Q25.47	Right aortic arch	Diagnosis	ICD-10-CM
Q25.47 Q25.6	Stenosis of pulmonary artery	Diagnosis	ICD-10-CM
Q25.3	Supravalvular aortic stenosis	Diagnosis	ICD-10-CM
Q23.3 Q21.3	•	=	
	Tetralogy of Fallot Tortuous aortic arch	Diagnosis	ICD-10-CM
Q25.46		Diagnosis	ICD-10-CM
Q26.2	Total anomalous pulmonary venous connection	Diagnosis	ICD-10-CM
Q21.0	Ventricular septal defect	Diagnosis	ICD-10-CM
Q209	unspecified congenital malformation of cardiac chambers and connections	Diagnosis	ICD-10-CM
Q219	Congenital malformation of cardiac septum, unspecified	Diagnosis	ICD-10-CM
Q23	congenital malformations of aortic and mitral valves	Diagnosis	ICD-10-CM
Q22	Congenital malformations of pulmonary and tricuspid valves	Diagnosis	ICD-10-CM
Q87410	Marfan syndrome with aortic dilation	Diagnosis	ICD-10-CM
Q8741	Marfan's syndrome with cardiovascular manifestations	Diagnosis	ICD-10-CM
Q87418	Marfan syndrome with other cardiovascular manifestations	Diagnosis	ICD-10-CM
Q8740	Marfan's syndrome, unspecified	Diagnosis	ICD-10-CM
P298	Other cardiovascular disorders originating in the perinatal period	Diagnosis	ICD-10-CM
Q208	Other congenital malformations of cardiac chambers and connections	Diagnosis	ICD-10-CM
P2938	other persistent fetal circulation	Diagnosis	ICD-10-CM
Q248	Other specified congenital malformations of heart	Diagnosis	ICD-10-CM
P293	Persistent fetal circulation	Diagnosis	ICD-10-CM
Q915	Trisomy 13, mosaicism (mitotic nondisjunction)	Diagnosis	ICD-10-CM
Q914	Trisomy 13, nonmosaicism (meiotic nondisjunction)	Diagnosis	ICD-10-CM
Q916	Trisomy 13, translocation	Diagnosis	ICD-10-CM
Q917	unspecified trisomy 13	Diagnosis	ICD-10-CM
Q911	Trisomy 18, mosaicism (mitotic nondisjunction)	Diagnosis	ICD-10-CM
Q910	Trisomy 18, nonmosaicism (meiotic nondisjunction)	Diagnosis	ICD-10-CM
Q912	Trisomy 18, translocation	Diagnosis	ICD-10-CM
Q913	Trisomy 18, unspecified	Diagnosis	ICD-10-CM
Q901	Prisomy 21, mosaicism (mitotic nondisjunction)	Diagnosis	ICD-10-CM
Q900	Trisomy 21, nonmosaicism (meiotic nondisjunction)	Diagnosis	ICD-10-CM
Q902	Trisomy 21, translocation	Diagnosis	ICD-10-CM
Q9381	Velo-cardio-facial syndrome	Diagnosis	ICD-10-CM
Q9382	Williams syndrome	Diagnosis	ICD-10-CM
<u> </u>	All other diseases of the circulatory system	2108.100.0	.65 26 6
180	Phlebitis and thrombophlebitis	Diagnosis	ICD-10-CM
180.0	Phlebitis and thrombophlebitis of superficial vessels of lower extremities	Diagnosis	ICD-10-CM
180.00	Phlebitis and thrombophlebitis of superficial vessels of unspecified lower	Diagnosis	ICD-10-CM
.50.00	extremity	2145110313	
180.01	Phlebitis and thrombophlebitis of superficial vessels of right lower extremity	Diagnosis	ICD-10-CM
180.01	Phlebitis and thrombophlebitis of superficial vessels of left lower extremity	Diagnosis	ICD-10-CM
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180.03	Phlebitis and thrombophlebitis of superficial vessels of lower extremities,	Diagnosis	ICD-10-CM
180.1	Phlebitis and thrombophlebitis of femoral vein	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 229 of 390



Code	Description	<b>Code Category</b>	Code Type
80.10	Phlebitis and thrombophlebitis of unspecified femoral vein	Diagnosis	ICD-10-CM
80.11	Phlebitis and thrombophlebitis of right femoral vein	Diagnosis	ICD-10-CM
30.12	Phlebitis and thrombophlebitis of left femoral vein	Diagnosis	ICD-10-CM
30.13	Phlebitis and thrombophlebitis of femoral vein, bilateral	Diagnosis	ICD-10-CM
30.2	Phlebitis and thrombophlebitis of other and unspecified deep vessels of lower extremities	Diagnosis	ICD-10-CM
30.20	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities	Diagnosis	ICD-10-CM
80.201	Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity	Diagnosis	ICD-10-CM
30.202	Phlebitis and thrombophlebitis of unspecified deep vessels of left lower	Diagnosis	ICD-10-CM
30.203	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral	Diagnosis	ICD-10-CM
80.209	Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity	Diagnosis	ICD-10-CM
30.21	Phlebitis and thrombophlebitis of iliac vein	Diagnosis	ICD-10-CM
30.211	Phlebitis and thrombophlebitis of right iliac vein	Diagnosis	ICD-10-CM
30.212	Phlebitis and thrombophlebitis of left iliac vein	Diagnosis	ICD-10-CM
30.213	Phlebitis and thrombophlebitis of iliac vein, bilateral	Diagnosis	ICD-10-CM
0.219	Phlebitis and thrombophlebitis of unspecified iliac vein	Diagnosis	ICD-10-CM
0.22	Phlebitis and thrombophlebitis of popliteal vein	Diagnosis	ICD-10-CM
0.221	Phlebitis and thrombophlebitis of right popliteal vein	Diagnosis	ICD-10-CM
0.222	Phlebitis and thrombophlebitis of left popliteal vein	Diagnosis	ICD-10-CM
0.223	Phlebitis and thrombophlebitis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
0.229	Phlebitis and thrombophlebitis of unspecified popliteal vein	Diagnosis	ICD-10-CM
30.23	Phlebitis and thrombophlebitis of tibial vein	Diagnosis	ICD-10-CM
0.231	Phlebitis and thrombophlebitis of right tibial vein	Diagnosis	ICD-10-CM
0.232	Phlebitis and thrombophlebitis of left tibial vein	Diagnosis	ICD-10-CM
80.233	Phlebitis and thrombophlebitis of tibial vein, bilateral	Diagnosis	ICD-10-CM
0.239	Phlebitis and thrombophlebitis of unspecified tibial vein	Diagnosis	ICD-10-CM
0.24	Phlebitis and thrombophlebitis of peroneal vein	Diagnosis	ICD-10-CM
30.241	Phlebitis and thrombophlebitis of right peroneal vein	Diagnosis	ICD-10-CM
80.242	Phlebitis and thrombophlebitis of left peroneal vein	Diagnosis	ICD-10-CM
0.243	Phlebitis and thrombophlebitis of peroneal vein, bilateral	Diagnosis	ICD-10-CM
0.249	Phlebitis and thrombophlebitis of unspecified peroneal vein	Diagnosis	ICD-10-CM
0.25	Phlebitis and thrombophlebitis of calf muscular vein	Diagnosis	ICD-10-CM
80.251	Phlebitis and thrombophlebitis of right calf muscular vein	Diagnosis	ICD-10-CM
0.252	Phlebitis and thrombophlebitis of left calf muscular vein	Diagnosis	ICD-10-CM
0.253	Phlebitis and thrombophlebitis of calf muscular vein, bilateral	Diagnosis	ICD-10-CM
0.259	Phlebitis and thrombophlebitis of unspecified calf muscular vein	Diagnosis	ICD-10-CM
0.29	Phlebitis and thrombophlebitis of other deep vessels of lower extremities	Diagnosis	ICD-10-CM
0.291	Phlebitis and thrombophlebitis of other deep vessels of right lower extremity	Diagnosis	ICD-10-CM
0.292	Phlebitis and thrombophlebitis of other deep vessels of left lower extremity	Diagnosis	ICD-10-CM
30.293	Phlebitis and thrombophlebitis of other deep vessels of lower extremity, bilateral	-	ICD-10-CM
30.299	Phlebitis and thrombophlebitis of other deep vessels of unspecified lower extremity	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 230 of 390



Code	Description	<b>Code Category</b>	Code Type
80.3	Phlebitis and thrombophlebitis of lower extremities, unspecified	Diagnosis	ICD-10-CM
80.8	Phlebitis and thrombophlebitis of other sites	Diagnosis	ICD-10-CM
80.9	Phlebitis and thrombophlebitis of unspecified site	Diagnosis	ICD-10-CM
81	Portal vein thrombosis	Diagnosis	ICD-10-CM
82	Other venous embolism and thrombosis	Diagnosis	ICD-10-CM
82.0	Budd-Chiari syndrome	Diagnosis	ICD-10-CM
82.1	Thrombophlebitis migrans	Diagnosis	ICD-10-CM
82.2	Embolism and thrombosis of vena cava and other thoracic veins	Diagnosis	ICD-10-CM
82.21	Embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
82.210	Acute embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
82.211	Chronic embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
82.22	Embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
82.220	Acute embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
82.221	Chronic embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
82.29	Embolism and thrombosis of other thoracic veins	Diagnosis	ICD-10-CM
82.290	Acute embolism and thrombosis of other thoracic veins	Diagnosis	ICD-10-CM
82.291	Chronic embolism and thrombosis of other thoracic veins	Diagnosis	ICD-10-CM
82.3	Embolism and thrombosis of renal vein	Diagnosis	ICD-10-CM
82.4	Acute embolism and thrombosis of deep veins of lower extremity	Diagnosis	ICD-10-CM
32.40	Acute embolism and thrombosis of unspecified deep veins of lower extremity	Diagnosis	ICD-10-CM
82.401	Acute embolism and thrombosis of unspecified deep veins of right lower extremity	Diagnosis	ICD-10-CM
82.402	Acute embolism and thrombosis of unspecified deep veins of left lower extremity	Diagnosis	ICD-10-CM
82.403	Acute embolism and thrombosis of unspecified deep veins of lower extremity,	Diagnosis	ICD-10-CM
	bilateral	J	
82.409	Acute embolism and thrombosis of unspecified deep veins of unspecified lower extremity	Diagnosis	ICD-10-CM
82.41	Acute embolism and thrombosis of femoral vein	Diagnosis	ICD-10-CM
32.411	Acute embolism and thrombosis of right femoral vein	Diagnosis	ICD-10-CM
32.412	Acute embolism and thrombosis of left femoral vein	Diagnosis	ICD-10-CM
82.413	Acute embolism and thrombosis of femoral vein, bilateral	Diagnosis	ICD-10-CM
82.419	Acute embolism and thrombosis of unspecified femoral vein	Diagnosis	ICD-10-CM
82.42	Acute embolism and thrombosis of iliac vein	Diagnosis	ICD-10-CM
82.421	Acute embolism and thrombosis of right iliac vein	Diagnosis	ICD-10-CM
82.422	Acute embolism and thrombosis of left iliac vein	Diagnosis	ICD-10-CM
82.423	Acute embolism and thrombosis of iliac vein, bilateral	Diagnosis	ICD-10-CM
32.429	Acute embolism and thrombosis of unspecified iliac vein	Diagnosis	ICD-10-CM
32.43	Acute embolism and thrombosis of popliteal vein	Diagnosis	ICD-10-CM
82.431	Acute embolism and thrombosis of right popliteal vein	Diagnosis	ICD-10-CM
32.432	Acute embolism and thrombosis of left popliteal vein	Diagnosis	ICD-10-CM
82.433	Acute embolism and thrombosis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
82.439	Acute embolism and thrombosis of unspecified popliteal vein	Diagnosis	ICD-10-CM
82.44	Acute embolism and thrombosis of tibial vein	Diagnosis	ICD-10-CM
82.441	Acute embolism and thrombosis of right tibial vein	Diagnosis	ICD-10-CM
82.442	Acute embolism and thrombosis of left tibial vein	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 231 of 390



Code	Description	<b>Code Category</b>	Code Type
182.443	Acute embolism and thrombosis of tibial vein, bilateral	Diagnosis	ICD-10-CM
182.449	Acute embolism and thrombosis of unspecified tibial vein	Diagnosis	ICD-10-CM
182.45	Acute embolism and thrombosis of peroneal vein	Diagnosis	ICD-10-CM
182.451	Acute embolism and thrombosis of right peroneal vein	Diagnosis	ICD-10-CM
182.452	Acute embolism and thrombosis of left peroneal vein	Diagnosis	ICD-10-CM
182.453	Acute embolism and thrombosis of peroneal vein, bilateral	Diagnosis	ICD-10-CM
182.459	Acute embolism and thrombosis of unspecified peroneal vein	Diagnosis	ICD-10-CM
182.46	Acute embolism and thrombosis of calf muscular vein	Diagnosis	ICD-10-CM
182.461	Acute embolism and thrombosis of right calf muscular vein	Diagnosis	ICD-10-CM
182.462	Acute embolism and thrombosis of left calf muscular vein	Diagnosis	ICD-10-CM
182.463	Acute embolism and thrombosis of calf muscular vein, bilateral	Diagnosis	ICD-10-CM
182.469	Acute embolism and thrombosis of unspecified calf muscular vein	Diagnosis	ICD-10-CM
182.49	Acute embolism and thrombosis of other specified deep vein of lower extremity	Diagnosis	ICD-10-CM
182.491	Acute embolism and thrombosis of other specified deep vein of right lower extremity	Diagnosis	ICD-10-CM
182.492	Acute embolism and thrombosis of other specified deep vein of left lower extremity	Diagnosis	ICD-10-CM
182.493	Acute embolism and thrombosis of other specified deep vein of lower extremity, bilateral	Diagnosis	ICD-10-CM
182.499	Acute embolism and thrombosis of other specified deep vein of unspecified lower extremity	Diagnosis	ICD-10-CM
182.4Y	Acute embolism and thrombosis of unspecified deep veins of proximal lower extremity	Diagnosis	ICD-10-CM
I82.4Y1	Acute embolism and thrombosis of unspecified deep veins of right proximal lower extremity	Diagnosis	ICD-10-CM
I82.4Y2	Acute embolism and thrombosis of unspecified deep veins of left proximal lower extremity	Diagnosis	ICD-10-CM
182.4Y3	Acute embolism and thrombosis of unspecified deep veins of proximal lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.4Y9	Acute embolism and thrombosis of unspecified deep veins of unspecified proximal lower extremity	Diagnosis	ICD-10-CM
182.4Z	Acute embolism and thrombosis of unspecified deep veins of distal lower extremity	Diagnosis	ICD-10-CM
I82.4Z1	Acute embolism and thrombosis of unspecified deep veins of right distal lower extremity	Diagnosis	ICD-10-CM
I82.4Z2	Acute embolism and thrombosis of unspecified deep veins of left distal lower extremity	Diagnosis	ICD-10-CM
I82.4Z3	Acute embolism and thrombosis of unspecified deep veins of distal lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.4Z9	Acute embolism and thrombosis of unspecified deep veins of unspecified distal lower extremity	Diagnosis	ICD-10-CM
182.5	Chronic embolism and thrombosis of deep veins of lower extremity	Diagnosis	ICD-10-CM
182.50	Chronic embolism and thrombosis of unspecified deep veins of lower extremity	Diagnosis	ICD-10-CM
182.501	Chronic embolism and thrombosis of unspecified deep veins of right lower extremity	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 232 of 390



Code	Description	<b>Code Category</b>	Code Type
182.502	Chronic embolism and thrombosis of unspecified deep veins of left lower extremity	Diagnosis	ICD-10-CM
182.503	Chronic embolism and thrombosis of unspecified deep veins of lower extremity, bilateral	Diagnosis	ICD-10-CM
182.509	Chronic embolism and thrombosis of unspecified deep veins of unspecified lower extremity	Diagnosis	ICD-10-CM
182.51	Chronic embolism and thrombosis of femoral vein	Diagnosis	ICD-10-CM
182.511	Chronic embolism and thrombosis of right femoral vein	Diagnosis	ICD-10-CM
182.512	Chronic embolism and thrombosis of left femoral vein	Diagnosis	ICD-10-CM
182.513	Chronic embolism and thrombosis of femoral vein, bilateral	Diagnosis	ICD-10-CM
182.519	Chronic embolism and thrombosis of unspecified femoral vein	Diagnosis	ICD-10-CM
182.52	Chronic embolism and thrombosis of iliac vein	Diagnosis	ICD-10-CM
182.521	Chronic embolism and thrombosis of right iliac vein	Diagnosis	ICD-10-CM
182.522	Chronic embolism and thrombosis of left iliac vein	Diagnosis	ICD-10-CM
182.523	Chronic embolism and thrombosis of iliac vein, bilateral	Diagnosis	ICD-10-CM
182.529	Chronic embolism and thrombosis of unspecified iliac vein	Diagnosis	ICD-10-CM
182.53	Chronic embolism and thrombosis of popliteal vein	Diagnosis	ICD-10-CM
182.531	Chronic embolism and thrombosis of right popliteal vein	Diagnosis	ICD-10-CM
182.532	Chronic embolism and thrombosis of left popliteal vein	Diagnosis	ICD-10-CM
182.533	Chronic embolism and thrombosis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
182.539	Chronic embolism and thrombosis of unspecified popliteal vein	Diagnosis	ICD-10-CM
182.54	Chronic embolism and thrombosis of tibial vein	Diagnosis	ICD-10-CM
182.541	Chronic embolism and thrombosis of right tibial vein	Diagnosis	ICD-10-CM
182.542	Chronic embolism and thrombosis of left tibial vein	Diagnosis	ICD-10-CM
182.543	Chronic embolism and thrombosis of tibial vein, bilateral	Diagnosis	ICD-10-CM
182.549	Chronic embolism and thrombosis of unspecified tibial vein	Diagnosis	ICD-10-CM
182.55	Chronic embolism and thrombosis of peroneal vein	Diagnosis	ICD-10-CM
182.551	Chronic embolism and thrombosis of right peroneal vein	Diagnosis	ICD-10-CM
182.552	Chronic embolism and thrombosis of left peroneal vein	Diagnosis	ICD-10-CM
182.553	Chronic embolism and thrombosis of peroneal vein, bilateral	Diagnosis	ICD-10-CM
182.559	Chronic embolism and thrombosis of unspecified peroneal vein	Diagnosis	ICD-10-CM
182.56	Chronic embolism and thrombosis of calf muscular vein	Diagnosis	ICD-10-CM
182.561	Chronic embolism and thrombosis of right calf muscular vein	Diagnosis	ICD-10-CM
182.562	Chronic embolism and thrombosis of left calf muscular vein	Diagnosis	ICD-10-CM
182.563	Chronic embolism and thrombosis of calf muscular vein, bilateral	Diagnosis	ICD-10-CM
182.569	Chronic embolism and thrombosis of unspecified calf muscular vein	Diagnosis	ICD-10-CM
182.59	Chronic embolism and thrombosis of other specified deep vein of lower	Diagnosis	ICD-10-CM
182.591	Chronic embolism and thrombosis of other specified deep vein of right lower extremity	Diagnosis	ICD-10-CM
182.592	Chronic embolism and thrombosis of other specified deep vein of left lower extremity	Diagnosis	ICD-10-CM
182.593	Chronic embolism and thrombosis of other specified deep vein of lower extremity, bilateral	Diagnosis	ICD-10-CM
182.599	Chronic embolism and thrombosis of other specified deep vein of unspecified lower extremity	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 233 of 390



	Description	<b>Code Category</b>	couc Type
182.5Y	Chronic embolism and thrombosis of unspecified deep veins of proximal lower	Diagnosis	ICD-10-CM
	extremity		
182.5Y1	Chronic embolism and thrombosis of unspecified deep veins of right proximal	Diagnosis	ICD-10-CM
	lower extremity		
182.5Y2	Chronic embolism and thrombosis of unspecified deep veins of left proximal	Diagnosis	ICD-10-CM
	lower extremity		
182.5Y3	Chronic embolism and thrombosis of unspecified deep veins of proximal lower	Diagnosis	ICD-10-CM
	extremity, bilateral		
182.5Y9	Chronic embolism and thrombosis of unspecified deep veins of unspecified	Diagnosis	ICD-10-CM
	proximal lower extremity		
182.5Z	Chronic embolism and thrombosis of unspecified deep veins of distal lower	Diagnosis	ICD-10-CM
	extremity		
182.5Z1	Chronic embolism and thrombosis of unspecified deep veins of right distal lower	Diagnosis	ICD-10-CM
	extremity		
182.5Z2	Chronic embolism and thrombosis of unspecified deep veins of left distal lower	Diagnosis	ICD-10-CM
	extremity		
182.5Z3	Chronic embolism and thrombosis of unspecified deep veins of distal lower	Diagnosis	ICD-10-CM
	extremity, bilateral		
182.5Z9	Chronic embolism and thrombosis of unspecified deep veins of unspecified distal	Diagnosis	ICD-10-CM
	lower extremity		
182.6	Acute embolism and thrombosis of veins of upper extremity	Diagnosis	ICD-10-CM
182.60	Acute embolism and thrombosis of unspecified veins of upper extremity	Diagnosis	ICD-10-CM
182.601	Acute embolism and thrombosis of unspecified veins of right upper extremity	Diagnosis	ICD-10-CM
182.602	Acute embolism and thrombosis of unspecified veins of left upper extremity	Diagnosis	ICD-10-CM
182.603	Acute embolism and thrombosis of unspecified veins of upper extremity,	Diagnosis	ICD-10-CM
182.609	Acute embolism and thrombosis of unspecified veins of unspecified upper	Diagnosis	ICD-10-CM
	extremity		
82.61	Acute embolism and thrombosis of superficial veins of upper extremity	Diagnosis	ICD-10-CM
182.611	Acute embolism and thrombosis of superficial veins of right upper extremity	Diagnosis	ICD-10-CM
82.612	Acute embolism and thrombosis of superficial veins of left upper extremity	Diagnosis	ICD-10-CM
82.613	Acute embolism and thrombosis of superficial veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
82.619	Acute embolism and thrombosis of superficial veins of unspecified upper	Diagnosis	ICD-10-CM
	extremity		100 10 011
182.62	Acute embolism and thrombosis of deep veins of upper extremity	Diagnosis	ICD-10-CM
182.621	Acute embolism and thrombosis of deep veins of right upper extremity	Diagnosis	ICD-10-CM
182.622	Acute embolism and thrombosis of deep veins of left upper extremity	Diagnosis	ICD-10-CM
182.623	Acute embolism and thrombosis of deep veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
182.629	Acute embolism and thrombosis of deep veins of unspecified upper extremity	Diagnosis	ICD-10-CM
182.7	Chronic embolism and thrombosis of veins of upper extremity	Diagnosis	ICD-10-CM
182.70	Chronic embolism and thrombosis of unspecified veins of upper extremity	Diagnosis	ICD-10-CM
182.701	Chronic embolism and thrombosis of unspecified veins of right upper extremity	Diagnosis	ICD-10-CM
182.702 182.703	Chronic embolism and thrombosis of unspecified veins of left upper extremity	Diagnosis	ICD-10-CM
X / ///2	Chronic embolism and thrombosis of unspecified veins of upper extremity,	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 234 of 390



Code	Description	Code Category	Code Type
182.709	Chronic embolism and thrombosis of unspecified veins of unspecified upper	Diagnosis	ICD-10-CM
	extremity		
182.71	Chronic embolism and thrombosis of superficial veins of upper extremity	Diagnosis	ICD-10-CM
I82.711	Chronic embolism and thrombosis of superficial veins of right upper extremity	Diagnosis	ICD-10-CM
182.712	Chronic embolism and thrombosis of superficial veins of left upper extremity	Diagnosis	ICD-10-CM
I82.713	Chronic embolism and thrombosis of superficial veins of upper extremity,	Diagnosis	ICD-10-CM
182.719	Chronic embolism and thrombosis of superficial veins of unspecified upper	Diagnosis	ICD-10-CM
	extremity		
182.72	Chronic embolism and thrombosis of deep veins of upper extremity	Diagnosis	ICD-10-CM
182.721	Chronic embolism and thrombosis of deep veins of right upper extremity	Diagnosis	ICD-10-CM
182.722	Chronic embolism and thrombosis of deep veins of left upper extremity	Diagnosis	ICD-10-CM
182.723	Chronic embolism and thrombosis of deep veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
182.729	Chronic embolism and thrombosis of deep veins of unspecified upper extremity	Diagnosis	ICD-10-CM
182.8	Embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM
182.81	Embolism and thrombosis of superficial veins of lower extremities	Diagnosis	ICD-10-CM
182.811	Embolism and thrombosis of superficial veins of right lower extremity	Diagnosis	ICD-10-CM
182.812	Embolism and thrombosis of superficial veins of left lower extremity	Diagnosis	ICD-10-CM
182.813	Embolism and thrombosis of superficial veins of lower extremities, bilateral	Diagnosis	ICD-10-CM
182.819	Embolism and thrombosis of superficial veins of unspecified lower extremity	Diagnosis	ICD-10-CM
182.89	Embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM
182.890	Acute embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM
182.891	Chronic embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM
182.9	Embolism and thrombosis of unspecified vein	Diagnosis	ICD-10-CM
182.90	Acute embolism and thrombosis of unspecified vein	Diagnosis	ICD-10-CM
182.91	Chronic embolism and thrombosis of unspecified vein	Diagnosis	ICD-10-CM
182.A	Embolism and thrombosis of axillary vein	Diagnosis	ICD-10-CM
I82.A1	Acute embolism and thrombosis of axillary vein	Diagnosis	ICD-10-CM
I82.A11	Acute embolism and thrombosis of right axillary vein	Diagnosis	ICD-10-CM
I82.A12	Acute embolism and thrombosis of left axillary vein	Diagnosis	ICD-10-CM
I82.A13	Acute embolism and thrombosis of axillary vein, bilateral	Diagnosis	ICD-10-CM
I82.A19	Acute embolism and thrombosis of unspecified axillary vein	Diagnosis	ICD-10-CM
182.A2	Chronic embolism and thrombosis of axillary vein	Diagnosis	ICD-10-CM
I82.A21	Chronic embolism and thrombosis of right axillary vein	Diagnosis	ICD-10-CM
I82.A22	Chronic embolism and thrombosis of left axillary vein	Diagnosis	ICD-10-CM
I82.A23	Chronic embolism and thrombosis of axillary vein, bilateral	Diagnosis	ICD-10-CM
182.A29	Chronic embolism and thrombosis of unspecified axillary vein	Diagnosis	ICD-10-CM
182.B	Embolism and thrombosis of subclavian vein	Diagnosis	ICD-10-CM
I82.B1	Acute embolism and thrombosis of subclavian vein	Diagnosis	ICD-10-CM
I82.B11	Acute embolism and thrombosis of right subclavian vein	Diagnosis	ICD-10-CM
I82.B12	Acute embolism and thrombosis of left subclavian vein	Diagnosis	ICD-10-CM
I82.B13	Acute embolism and thrombosis of subclavian vein, bilateral	Diagnosis	ICD-10-CM
I82.B19	Acute embolism and thrombosis of unspecified subclavian vein	Diagnosis	ICD-10-CM
182.B2	Chronic embolism and thrombosis of subclavian vein	Diagnosis	ICD-10-CM
I82.B21	Chronic embolism and thrombosis of right subclavian vein	Diagnosis	ICD-10-CM
182.B22	Chronic embolism and thrombosis of left subclavian vein	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 235 of 390



Code	Description	Code Category	Code Type
182.B23	Chronic embolism and thrombosis of subclavian vein, bilateral	Diagnosis	ICD-10-CM
182.B29	Chronic embolism and thrombosis of unspecified subclavian vein	Diagnosis	ICD-10-CM
182.C	Embolism and thrombosis of internal jugular vein	Diagnosis	ICD-10-CM
182.C1	Acute embolism and thrombosis of internal jugular vein	Diagnosis	ICD-10-CM
182.C11	Acute embolism and thrombosis of right internal jugular vein	Diagnosis	ICD-10-CM
182.C12	Acute embolism and thrombosis of left internal jugular vein	Diagnosis	ICD-10-CM
182.C13	Acute embolism and thrombosis of internal jugular vein, bilateral	Diagnosis	ICD-10-CM
182.C19	Acute embolism and thrombosis of unspecified internal jugular vein	Diagnosis	ICD-10-CM
182.C2	Chronic embolism and thrombosis of internal jugular vein	Diagnosis	ICD-10-CM
182.C21	Chronic embolism and thrombosis of right internal jugular vein	Diagnosis	ICD-10-CM
182.C22	Chronic embolism and thrombosis of left internal jugular vein	Diagnosis	ICD-10-CM
182.C23	Chronic embolism and thrombosis of internal jugular vein, bilateral	Diagnosis	ICD-10-CM
182.C29	Chronic embolism and thrombosis of unspecified internal jugular vein	Diagnosis	ICD-10-CM
183	Varicose veins of lower extremities	Diagnosis	ICD-10-CM
183.0	Varicose veins of lower extremities with ulcer	Diagnosis	ICD-10-CM
183.00	Varicose veins of unspecified lower extremity with ulcer	Diagnosis	ICD-10-CM
183.001	Varicose veins of unspecified lower extremity with ulcer of thigh	Diagnosis	ICD-10-CM
183.002	Varicose veins of unspecified lower extremity with ulcer of calf	Diagnosis	ICD-10-CM
183.003	Varicose veins of unspecified lower extremity with ulcer of ankle	Diagnosis	ICD-10-CM
183.004	Varicose veins of unspecified lower extremity with ulcer of heel and midfoot	Diagnosis	ICD-10-CM
183.005	Varicose veins of unspecified lower extremity with ulcer other part of foot	Diagnosis	ICD-10-CM
183.008	Varicose veins of unspecified lower extremity with ulcer other part of lower leg	Diagnosis	ICD-10-CM
183.009	Varicose veins of unspecified lower extremity with ulcer of unspecified site	Diagnosis	ICD-10-CM
183.01	Varicose veins of right lower extremity with ulcer	Diagnosis	ICD-10-CM
183.011	Varicose veins of right lower extremity with ulcer of thigh	Diagnosis	ICD-10-CM
183.012	Varicose veins of right lower extremity with ulcer of calf	Diagnosis	ICD-10-CM
183.013	Varicose veins of right lower extremity with ulcer of ankle	Diagnosis	ICD-10-CM
183.014	Varicose veins of right lower extremity with ulcer of heel and midfoot	Diagnosis	ICD-10-CM
183.015	Varicose veins of right lower extremity with ulcer other part of foot	Diagnosis	ICD-10-CM
183.018	Varicose veins of right lower extremity with ulcer other part of lower leg	Diagnosis	ICD-10-CM
183.019	Varicose veins of right lower extremity with ulcer of unspecified site	Diagnosis	ICD-10-CM
183.02	Varicose veins of left lower extremity with ulcer	Diagnosis	ICD-10-CM
183.021	Varicose veins of left lower extremity with ulcer of thigh	Diagnosis	ICD-10-CM
183.022	Varicose veins of left lower extremity with ulcer of calf	Diagnosis	ICD-10-CM
183.023	Varicose veins of left lower extremity with ulcer of ankle	Diagnosis	ICD-10-CM
183.024	Varicose veins of left lower extremity with ulcer of heel and midfoot	Diagnosis	ICD-10-CM
183.025	Varicose veins of left lower extremity with ulcer other part of foot	Diagnosis	ICD-10-CM
183.028	Varicose veins of left lower extremity with ulcer other part of lower leg	Diagnosis	ICD-10-CM
183.029	Varicose veins of left lower extremity with ulcer of unspecified site	Diagnosis	ICD-10-CM
183.1	Varicose veins of lower extremities with inflammation	Diagnosis	ICD-10-CM
183.10	Varicose veins of unspecified lower extremity with inflammation	Diagnosis	ICD-10-CM
183.11	Varicose veins of right lower extremity with inflammation	Diagnosis	ICD-10-CM
183.12	Varicose veins of left lower extremity with inflammation	Diagnosis	ICD-10-CM
103.12	Tarrest territorial extensional formation and the second s	. 0	
183.2	Varicose veins of lower extremities with both ulcer and inflammation	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 236 of 390



Code	Description	Code Category	Code Type
183.201	Varicose veins of unspecified lower extremity with both ulcer of thigh and inflammation	Diagnosis	ICD-10-CM
183.202	Varicose veins of unspecified lower extremity with both ulcer of calf and inflammation	Diagnosis	ICD-10-CM
183.203	Varicose veins of unspecified lower extremity with both ulcer of ankle and inflammation	Diagnosis	ICD-10-CM
183.204	Varicose veins of unspecified lower extremity with both ulcer of heel and midfoot and inflammation	Diagnosis	ICD-10-CM
183.205	Varicose veins of unspecified lower extremity with both ulcer other part of foot and inflammation	Diagnosis	ICD-10-CM
183.208	Varicose veins of unspecified lower extremity with both ulcer of other part of lower extremity and inflammation	Diagnosis	ICD-10-CM
183.209	Varicose veins of unspecified lower extremity with both ulcer of unspecified site and inflammation	Diagnosis	ICD-10-CM
183.21	Varicose veins of right lower extremity with both ulcer and inflammation	Diagnosis	ICD-10-CM
183.211	Varicose veins of right lower extremity with both ulcer of thigh and inflammation	Diagnosis	ICD-10-CM
183.212	Varicose veins of right lower extremity with both ulcer of calf and inflammation	Diagnosis	ICD-10-CM
183.213	Varicose veins of right lower extremity with both ulcer of ankle and inflammation	Diagnosis	ICD-10-CM
I83.214	Varicose veins of right lower extremity with both ulcer of heel and midfoot and inflammation	Diagnosis	ICD-10-CM
I83.215	Varicose veins of right lower extremity with both ulcer other part of foot and inflammation	Diagnosis	ICD-10-CM
I83.218	Varicose veins of right lower extremity with both ulcer of other part of lower extremity and inflammation	Diagnosis	ICD-10-CM
183.219	Varicose veins of right lower extremity with both ulcer of unspecified site and inflammation	Diagnosis	ICD-10-CM
183.22	Varicose veins of left lower extremity with both ulcer and inflammation	Diagnosis	ICD-10-CM
183.221	Varicose veins of left lower extremity with both ulcer of thigh and inflammation	Diagnosis	ICD-10-CM
183.222	Varicose veins of left lower extremity with both ulcer of calf and inflammation	Diagnosis	ICD-10-CM
183.223	Varicose veins of left lower extremity with both ulcer of ankle and inflammation	Diagnosis	ICD-10-CM
183.224	Varicose veins of left lower extremity with both ulcer of heel and midfoot and inflammation	Diagnosis	ICD-10-CM
183.225	Varicose veins of left lower extremity with both ulcer other part of foot and inflammation	Diagnosis	ICD-10-CM
183.228	Varicose veins of left lower extremity with both ulcer of other part of lower extremity and inflammation	Diagnosis	ICD-10-CM
183.229	Varicose veins of left lower extremity with both ulcer of unspecified site and inflammation	Diagnosis	ICD-10-CM
183.8	Varicose veins of lower extremities with other complications	Diagnosis	ICD-10-CM
183.81	Varicose veins of lower extremities with pain	Diagnosis	ICD-10-CM
183.811	Varicose veins of right lower extremity with pain	Diagnosis	ICD-10-CM
183.812	Varicose veins of left lower extremity with pain	Diagnosis	ICD-10-CM
183.813	Varicose veins of bilateral lower extremities with pain	Diagnosis	ICD-10-CM
183.819	Varicose veins of unspecified lower extremity with pain	Diagnosis	ICD-10-CM
183.89	Varicose veins of lower extremities with other complications	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 237 of 390



Code	Description	Code Category	Code Type
83.891	Varicose veins of right lower extremity with other complications	Diagnosis	ICD-10-CM
33.892	Varicose veins of left lower extremity with other complications	Diagnosis	ICD-10-CM
83.893	Varicose veins of bilateral lower extremities with other complications	Diagnosis	ICD-10-CM
83.899	Varicose veins of unspecified lower extremity with other complications	Diagnosis	ICD-10-CM
83.9	Asymptomatic varicose veins of lower extremities	Diagnosis	ICD-10-CM
33.90	Asymptomatic varicose veins of unspecified lower extremity	Diagnosis	ICD-10-CM
83.91	Asymptomatic varicose veins of right lower extremity	Diagnosis	ICD-10-CM
83.92	Asymptomatic varicose veins of left lower extremity	Diagnosis	ICD-10-CM
33.93	Asymptomatic varicose veins of bilateral lower extremities	Diagnosis	ICD-10-CM
35	Esophageal varices	Diagnosis	ICD-10-CM
35.0	Esophageal varices	Diagnosis	ICD-10-CM
35.00	Esophageal varices without bleeding	Diagnosis	ICD-10-CM
85.01	Esophageal varices with bleeding	Diagnosis	ICD-10-CM
35.1	Secondary esophageal varices	Diagnosis	ICD-10-CM
35.10	Secondary esophageal varices without bleeding	Diagnosis	ICD-10-CM
35.11	Secondary esophageal varices with bleeding	Diagnosis	ICD-10-CM
36	Varicose veins of other sites	Diagnosis	ICD-10-CM
36.0	Sublingual varices	Diagnosis	ICD-10-CM
36.1	Scrotal varices	Diagnosis	ICD-10-CM
36.2	Pelvic varices	Diagnosis	ICD-10-CM
86.3	Vulval varices	Diagnosis	ICD-10-CM
36.4	Gastric varices	Diagnosis	ICD-10-CM
86.8	Varicose veins of other specified sites	Diagnosis	ICD-10-CM
37	Other disorders of veins	Diagnosis	ICD-10-CM
37.0	Postthrombotic syndrome	Diagnosis	ICD-10-CM
37.00	Postthrombotic syndrome without complications	Diagnosis	ICD-10-CM
37.001	Postthrombotic syndrome without complications of right lower extremity	Diagnosis	ICD-10-CM
37.002	Postthrombotic syndrome without complications of left lower extremity	Diagnosis	ICD-10-CM
37.003	Postthrombotic syndrome without complications of bilateral lower extremity	Diagnosis	ICD-10-CM
37.009	Postthrombotic syndrome without complications of unspecified extremity	Diagnosis	ICD-10-CM
37.01	Postthrombotic syndrome with ulcer	Diagnosis	ICD-10-CM
37.011	Postthrombotic syndrome with ulcer of right lower extremity	Diagnosis	ICD-10-CM
37.012	Postthrombotic syndrome with ulcer of left lower extremity	Diagnosis	ICD-10-CM
37.013	Postthrombotic syndrome with ulcer of bilateral lower extremity	Diagnosis	ICD-10-CM
37.019	Postthrombotic syndrome with ulcer of unspecified lower extremity	Diagnosis	ICD-10-CM
37.02	Postthrombotic syndrome with inflammation	Diagnosis	ICD-10-CM
37.021	Postthrombotic syndrome with inflammation of right lower extremity	Diagnosis	ICD-10-CM
37.022	Postthrombotic syndrome with inflammation of left lower extremity	Diagnosis	ICD-10-CM
37.023	Postthrombotic syndrome with inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
37.029	Postthrombotic syndrome with inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
37.03	Postthrombotic syndrome with ulcer and inflammation	Diagnosis	ICD-10-CM
37.031	Postthrombotic syndrome with ulcer and inflammation of right lower extremity	Diagnosis	ICD-10-CM
87.032	Postthrombotic syndrome with ulcer and inflammation of left lower extremity	Diagnosis	ICD-10-CM
87.033	Postthrombotic syndrome with ulcer and inflammation of bilateral lower	Diagnosis	ICD-10-CM
*	extremity	5	

cder\_mpl1p\_wp085 Page 238 of 390



Code	Description	Code Category	Code Type
187.039	Postthrombotic syndrome with ulcer and inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
187.09	Postthrombotic syndrome with other complications	Diagnosis	ICD-10-CM
187.091	Postthrombotic syndrome with other complications of right lower extremity	Diagnosis	ICD-10-CM
187.092	Postthrombotic syndrome with other complications of left lower extremity	Diagnosis	ICD-10-CM
87.093	Postthrombotic syndrome with other complications of bilateral lower extremity	Diagnosis	ICD-10-CM
187.099	Postthrombotic syndrome with other complications of unspecified lower extremity	Diagnosis	ICD-10-CM
87.1	Compression of vein	Diagnosis	ICD-10-CM
87.2	Venous insufficiency (chronic) (peripheral)	Diagnosis	ICD-10-CM
87.3	Chronic venous hypertension (idiopathic)	Diagnosis	ICD-10-CM
87.30	Chronic venous hypertension (idiopathic) without complications	Diagnosis	ICD-10-CM
87.301	Chronic venous hypertension (idiopathic) without complications of right lower extremity	Diagnosis	ICD-10-CM
187.302	Chronic venous hypertension (idiopathic) without complications of left lower extremity	Diagnosis	ICD-10-CM
87.303	Chronic venous hypertension (idiopathic) without complications of bilateral lower extremity	Diagnosis	ICD-10-CM
87.309	Chronic venous hypertension (idiopathic) without complications of unspecified lower extremity	Diagnosis	ICD-10-CM
87.31	Chronic venous hypertension (idiopathic) with ulcer	Diagnosis	ICD-10-CM
87.311	Chronic venous hypertension (idiopathic) with ulcer of right lower extremity	Diagnosis	ICD-10-CM
87.312	Chronic venous hypertension (idiopathic) with ulcer of left lower extremity	Diagnosis	ICD-10-CM
87.313	Chronic venous hypertension (idiopathic) with ulcer of bilateral lower extremity	Diagnosis	ICD-10-CM
87.319	Chronic venous hypertension (idiopathic) with ulcer of unspecified lower extremity	Diagnosis	ICD-10-CM
87.32	Chronic venous hypertension (idiopathic) with inflammation	Diagnosis	ICD-10-CM
87.321	Chronic venous hypertension (idiopathic) with inflammation of right lower extremity	Diagnosis	ICD-10-CM
87.322	Chronic venous hypertension (idiopathic) with inflammation of left lower extremity	Diagnosis	ICD-10-CM
87.323	Chronic venous hypertension (idiopathic) with inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
87.329	Chronic venous hypertension (idiopathic) with inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
187.33	Chronic venous hypertension (idiopathic) with ulcer and inflammation	Diagnosis	ICD-10-CM
87.331	Chronic venous hypertension (idiopathic) with ulcer and inflammation of right lower extremity	Diagnosis	ICD-10-CM
87.332	Chronic venous hypertension (idiopathic) with ulcer and inflammation of left lower extremity	Diagnosis	ICD-10-CM
187.333	Chronic venous hypertension (idiopathic) with ulcer and inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
187.339	Chronic venous hypertension (idiopathic) with ulcer and inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
187.39	Chronic venous hypertension (idiopathic) with other complications	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 239 of 390



Code	Description	Code Category	Code Type
187.391	Chronic venous hypertension (idiopathic) with other complications of right lower extremity	Diagnosis	ICD-10-CM
187.392	Chronic venous hypertension (idiopathic) with other complications of left lower extremity	Diagnosis	ICD-10-CM
187.393	Chronic venous hypertension (idiopathic) with other complications of bilateral lower extremity	Diagnosis	ICD-10-CM
187.399	Chronic venous hypertension (idiopathic) with other complications of unspecified lower extremity	d Diagnosis	ICD-10-CM
87.8	Other specified disorders of veins	Diagnosis	ICD-10-CM
187.9	Disorder of vein, unspecified	Diagnosis	ICD-10-CM
188	Nonspecific lymphadenitis	Diagnosis	ICD-10-CM
188.0	Nonspecific mesenteric lymphadenitis	Diagnosis	ICD-10-CM
188.1	Chronic lymphadenitis, except mesenteric	Diagnosis	ICD-10-CM
188.8	Other nonspecific lymphadenitis	Diagnosis	ICD-10-CM
188.9	Nonspecific lymphadenitis, unspecified	Diagnosis	ICD-10-CM
189	Other noninfective disorders of lymphatic vessels and lymph nodes	Diagnosis	ICD-10-CM
189.0	Lymphedema, not elsewhere classified	Diagnosis	ICD-10-CM
189.1	Lymphangitis	Diagnosis	ICD-10-CM
89.8	Other specified noninfective disorders of lymphatic vessels and lymph nodes	Diagnosis	ICD-10-CM
89.9	Noninfective disorder of lymphatic vessels and lymph nodes, unspecified	Diagnosis	ICD-10-CM
95	Hypotension	Diagnosis	ICD-10-CM
95.0	Idiopathic hypotension	Diagnosis	ICD-10-CM
95.1	Orthostatic hypotension	Diagnosis	ICD-10-CM
95.2	Hypotension due to drugs	Diagnosis	ICD-10-CM
95.3	Hypotension of hemodialysis	Diagnosis	ICD-10-CM
95.8	Other hypotension	Diagnosis	ICD-10-CM
95.81	Postprocedural hypotension	Diagnosis	ICD-10-CM
95.89	Other hypotension	Diagnosis	ICD-10-CM
95.9	Hypotension, unspecified	Diagnosis	ICD-10-CM
196	Gangrene, not elsewhere classified	Diagnosis	ICD-10-CM
197	Intraoperative and postprocedural complications and disorders of circulatory system, not elsewhere classified	Diagnosis	ICD-10-CM
97.0	Postcardiotomy syndrome	Diagnosis	ICD-10-CM
97.1	Other postprocedural cardiac functional disturbances	Diagnosis	ICD-10-CM
97.11	Postprocedural cardiac insufficiency	Diagnosis	ICD-10-CM
97.110	Postprocedural cardiac insufficiency following cardiac surgery	Diagnosis	ICD-10-CM
97.111	Postprocedural cardiac insufficiency following other surgery	Diagnosis	ICD-10-CM
97.12	Postprocedural cardiac arrest	Diagnosis	ICD-10-CM
97.120	Postprocedural cardiac arrest following cardiac surgery	Diagnosis	ICD-10-CM
97.121	Postprocedural cardiac arrest following other surgery	Diagnosis	ICD-10-CM
197.13	Postprocedural heart failure	Diagnosis	ICD-10-CM
197.130	Postprocedural heart failure following cardiac surgery	Diagnosis	ICD-10-CM
197.131	Postprocedural heart failure following other surgery	Diagnosis	ICD-10-CM
197.19	Other postprocedural cardiac functional disturbances	Diagnosis	ICD-10-CM
197.190	Other postprocedural cardiac functional disturbances following cardiac surgery	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 240 of 390



Code	Description	<b>Code Category</b>	Code Type
197.191	Other postprocedural cardiac functional disturbances following other surgery	Diagnosis	ICD-10-CM
197.2	Postmastectomy lymphedema syndrome	Diagnosis	ICD-10-CM
197.3	Postprocedural hypertension	Diagnosis	ICD-10-CM
197.4	Intraoperative hemorrhage and hematoma of a circulatory system organ or	Diagnosis	ICD-10-CM
	structure complicating a procedure		
197.41	Intraoperative hemorrhage and hematoma of a circulatory system organ or	Diagnosis	ICD-10-CM
	structure complicating a circulatory system procedure		
197.410	Intraoperative hemorrhage and hematoma of a circulatory system organ or	Diagnosis	ICD-10-CM
	structure complicating a cardiac catheterization		
197.411	Intraoperative hemorrhage and hematoma of a circulatory system organ or	Diagnosis	ICD-10-CM
	structure complicating a cardiac bypass		
197.418	Intraoperative hemorrhage and hematoma of a circulatory system organ or	Diagnosis	ICD-10-CM
	structure complicating other circulatory system procedure		
197.42	Intraoperative hemorrhage and hematoma of a circulatory system organ or	Diagnosis	ICD-10-CM
	structure complicating other procedure		
197.5	Accidental puncture and laceration of a circulatory system organ or structure	Diagnosis	ICD-10-CM
	during a procedure		
197.51	Accidental puncture and laceration of a circulatory system organ or structure	Diagnosis	ICD-10-CM
	during a circulatory system procedure		
97.52	Accidental puncture and laceration of a circulatory system organ or structure	Diagnosis	ICD-10-CM
	during other procedure		
197.6	Postprocedural hemorrhage, hematoma and seroma of a circulatory system	Diagnosis	ICD-10-CM
.07.64	organ or structure following a procedure		100 10 011
197.61	Postprocedural hemorrhage of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
107.640	a circulatory system procedure	Diamania	ICD 40 CN4
197.610	Postprocedural hemorrhage of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
197.611	a cardiac catheterization  Postprocedural hemorrhage of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
197.011	cardiac bypass	Diagnosis	ICD-10-CIVI
197.618	Postprocedural hemorrhage of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
197.010	other circulatory system procedure	Diagnosis	ICD-10-CIVI
197.62	Postprocedural hemorrhage, hematoma and seroma of a circulatory system	Diagnosis	ICD-10-CM
157.02	organ or structure following other procedure	Diagnosis	ICD 10 CIVI
197.620	Postprocedural hemorrhage of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
137.020	other procedure	Diagnosis	100 10 0141
197.621	Postprocedural hematoma of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
	other procedure	g	
197.622	Postprocedural seroma of a circulatory system organ or structure following other	Diagnosis	ICD-10-CM
	procedure	g	
197.63	Postprocedural hematoma of a circulatory system organ or structure following a	Diagnosis	ICD-10-CM
	circulatory system procedure	J	
197.630	Postprocedural hematoma of a circulatory system organ or structure following a	Diagnosis	ICD-10-CM
	cardiac catheterization	-	
197.631	Postprocedural hematoma of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
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cder\_mpl1p\_wp085 Page 241 of 390



Code	Description	<b>Code Category</b>	Code Type
197.638	Postprocedural hematoma of a circulatory system organ or structure following other circulatory system procedure	Diagnosis	ICD-10-CM
197.64	Postprocedural seroma of a circulatory system organ or structure following a circulatory system procedure	Diagnosis	ICD-10-CM
197.640	Postprocedural seroma of a circulatory system organ or structure following a cardiac catheterization	Diagnosis	ICD-10-CM
197.641	Postprocedural seroma of a circulatory system organ or structure following cardiac bypass	Diagnosis	ICD-10-CM
197.648	Postprocedural seroma of a circulatory system organ or structure following other circulatory system procedure	Diagnosis	ICD-10-CM
197.7	Intraoperative cardiac functional disturbances	Diagnosis	ICD-10-CM
197.71	Intraoperative cardiac arrest	Diagnosis	ICD-10-CM
197.710	Intraoperative cardiac arrest during cardiac surgery	Diagnosis	ICD-10-CM
197.711	Intraoperative cardiac arrest during other surgery	Diagnosis	ICD-10-CM
197.79	Other intraoperative cardiac functional disturbances	Diagnosis	ICD-10-CM
197.790	Other intraoperative cardiac functional disturbances during cardiac surgery	Diagnosis	ICD-10-CM
197.791	Other intraoperative cardiac functional disturbances during other surgery	Diagnosis	ICD-10-CM
197.8	Other intraoperative and postprocedural complications and disorders of the circulatory system, not elsewhere classified	Diagnosis	ICD-10-CM
197.81	Intraoperative cerebrovascular infarction	Diagnosis	ICD-10-CM
197.810	Intraoperative cerebrovascular infarction during cardiac surgery	Diagnosis	ICD-10-CM
197.811	Intraoperative cerebrovascular infarction during other surgery	Diagnosis	ICD-10-CM
197.82	Postprocedural cerebrovascular infarction	Diagnosis	ICD-10-CM
197.820	Postprocedural cerebrovascular infarction following cardiac surgery	Diagnosis	ICD-10-CM
197.821	Postprocedural cerebrovascular infarction following other surgery	Diagnosis	ICD-10-CM
197.88	Other intraoperative complications of the circulatory system, not elsewhere classified	Diagnosis	ICD-10-CM
197.89	Other postprocedural complications and disorders of the circulatory system, not elsewhere classified	Diagnosis	ICD-10-CM
199	Other and unspecified disorders of circulatory system	Diagnosis	ICD-10-CM
199.8	Other disorder of circulatory system	Diagnosis	ICD-10-CM
199.9	Unspecified disorder of circulatory system	Diagnosis	ICD-10-CM
	Epilepsy or recurrent seizures		
G40.001	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.009	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.011	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.019	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.101	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.109	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 242 of 390



Code	Description	<b>Code Category</b>	Code Type
G40.111	Localization-related (focal) (partial) symptomatic epilepsy and epileptic	Diagnosis	ICD-10-CM
	syndromes with simple partial seizures, intractable, with status epilepticus		
G40.119	Localization-related (focal) (partial) symptomatic epilepsy and epileptic	Diagnosis	ICD-10-CM
	syndromes with simple partial seizures, intractable, without status epilepticus		
G40.201	Localization-related (focal) (partial) symptomatic epilepsy and epileptic	Diagnosis	ICD-10-CM
	syndromes with complex partial seizures, not intractable, with status epilepticus		
G40.209	Localization-related (focal) (partial) symptomatic epilepsy and epileptic	Diagnosis	ICD-10-CM
	syndromes with complex partial seizures, not intractable, without status		
G40.211	Localization-related (focal) (partial) symptomatic epilepsy and epileptic	Diagnosis	ICD-10-CM
	syndromes with complex partial seizures, intractable, with status epilepticus		
G40.219	Localization-related (focal) (partial) symptomatic epilepsy and epileptic	Diagnosis	ICD-10-CM
	syndromes with complex partial seizures, intractable, without status epilepticus		
G40.301	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, with	Diagnosis	ICD-10-CM
	status epilepticus		
G40.309	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, without	Diagnosis	ICD-10-CM
	status epilepticus		
G40.311	Generalized idiopathic epilepsy and epileptic syndromes, intractable, with status	Diagnosis	ICD-10-CM
	epilepticus		
G40.319	Generalized idiopathic epilepsy and epileptic syndromes, intractable, without	Diagnosis	ICD-10-CM
	status epilepticus		
G40.401	Other generalized epilepsy and epileptic syndromes, not intractable, with status	Diagnosis	ICD-10-CM
	epilepticus		
G40.409	Other generalized epilepsy and epileptic syndromes, not intractable, without	Diagnosis	ICD-10-CM
	status epilepticus		
G40.411	Other generalized epilepsy and epileptic syndromes, intractable, with status	Diagnosis	ICD-10-CM
	epilepticus		
G40.419	Other generalized epilepsy and epileptic syndromes, intractable, without status	Diagnosis	ICD-10-CM
	epilepticus		
G40.501	Epileptic seizures related to external causes, not intractable, with status	Diagnosis	ICD-10-CM
	epilepticus		
G40.509	Epileptic seizures related to external causes, not intractable, without status	Diagnosis	ICD-10-CM
	epilepticus		
G40.801	Other epilepsy, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.802	Other epilepsy, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.803	Other epilepsy, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.804	Other epilepsy, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.811	Lennox-Gastaut syndrome, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.812	Lennox-Gastaut syndrome, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.813	Lennox-Gastaut syndrome, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.814	Lennox-Gastaut syndrome, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.821	Epileptic spasms, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.822	Epileptic spasms, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.823	Epileptic spasms, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.824	Epileptic spasms, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.833	Dravet syndrome, intractable, with status epilepticus	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 243 of 390



	0-PCS) Codes Used to Define Baseline Characteristics in this Request		
Code	Description	Code Category	
G40.834	Dravet syndrome, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.901	Epilepsy, unspecified, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.909	Epilepsy, unspecified, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.911	Epilepsy, unspecified, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.919	Epilepsy, unspecified, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.A01	Absence epileptic syndrome, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.A09	Absence epileptic syndrome, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.A11	Absence epileptic syndrome, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.A19	Absence epileptic syndrome, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.B01	Juvenile myoclonic epilepsy, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.B09	Juvenile myoclonic epilepsy, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.B11	Juvenile myoclonic epilepsy, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.B19	Juvenile myoclonic epilepsy, intractable, without status epilepticus	Diagnosis	ICD-10-CM
	Other seizure or convulsions		
F44.5	Conversion disorder with seizures or convulsions	Diagnosis	ICD-10-CM
G40.42	Cyclin-Dependent Kinase-Like 5 Deficiency Disorder	Diagnosis	ICD-10-CM
G40.89	Other seizures	Diagnosis	ICD-10-CM
R56.9	Unspecified convulsions	Diagnosis	ICD-10-CM
	Depression		
0545F	Plan for follow-up care for major depressive disorder, documented (MDD ADOL)	Procedure	CPT-2
1040F	DSM-5 criteria for major depressive disorder documented at the initial	Procedure	CPT-2
	evaluation (MDD, MDD ADOL)		
2060F	Patient interviewed directly on or before date of diagnosis of major depressive	Procedure	CPT-2
	disorder (MDD ADOL)		
3088F	Major depressive disorder, mild (MDD)	Procedure	CPT-2
3089F	Major depressive disorder, moderate (MDD)	Procedure	CPT-2
3090F	Major depressive disorder, severe without psychotic features (MDD)	Procedure	CPT-2
3091F	Major depressive disorder, severe with psychotic features (MDD)	Procedure	CPT-2
3092F	Major depressive disorder, in remission (MDD)	Procedure	CPT-2
3093F	Documentation of new diagnosis of initial or recurrent episode of major	Procedure	CPT-2
	depressive disorder (MDD)		
3353F	Mild to moderate depressive symptoms as categorized by using a standardized	Procedure	CPT-2
	depression screening/assessment tool (MDD)		
3354F	Clinically significant depressive symptoms as categorized by using a standardized	Procedure	CPT-2
	depression screening/assessment tool (MDD)		
4063F	Antidepressant pharmacotherapy considered and not prescribed (MDD ADOL)	Procedure	CPT-2
4064F	Antidepressant pharmacotherapy prescribed (MDD, MDD ADOL)	Procedure	CPT-2
90867	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; initial,	Procedure	CPT-4
	including cortical mapping, motor threshold determination, delivery and		
	management		
90868	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment;	Procedure	CPT-4
	subsequent delivery and management, per session		
90869	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment;	Procedure	CPT-4
	subsequent motor threshold re-determination with delivery and management		
F06.31	Mood disorder due to known physiological condition with depressive features	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 244 of 390



Code	Description	Code Category	Code Type
F06.32	Mood disorder due to known physiological condition with major depressive-like	Diagnosis	ICD-10-CM
	episode		
F32.0	Major depressive disorder, single episode, mild	Diagnosis	ICD-10-CM
F32.1	Major depressive disorder, single episode, moderate	Diagnosis	ICD-10-CM
F32.2	Major depressive disorder, single episode, severe without psychotic features	Diagnosis	ICD-10-CM
F32.3	Major depressive disorder, single episode, severe with psychotic features	Diagnosis	ICD-10-CM
F32.4	Major depressive disorder, single episode, in partial remission	Diagnosis	ICD-10-CM
F32.5	Major depressive disorder, single episode, in full remission	Diagnosis	ICD-10-CM
F32.8	Other depressive episodes	Diagnosis	ICD-10-CM
F32.89	Other specified depressive episodes	Diagnosis	ICD-10-CM
F32.9	Major depressive disorder, single episode, unspecified	Diagnosis	ICD-10-CM
F33.0	Major depressive disorder, recurrent, mild	Diagnosis	ICD-10-CM
F33.1	Major depressive disorder, recurrent, moderate	Diagnosis	ICD-10-CM
F33.2	Major depressive disorder, recurrent severe without psychotic features	Diagnosis	ICD-10-CM
F33.3	Major depressive disorder, recurrent, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F33.40	Major depressive disorder, recurrent, in remission, unspecified	Diagnosis	ICD-10-CM
F33.41	Major depressive disorder, recurrent, in partial remission	Diagnosis	ICD-10-CM
F33.42	Major depressive disorder, recurrent, in full remission	Diagnosis	ICD-10-CM
F33.8	Other recurrent depressive disorders	Diagnosis	ICD-10-CM
F33.9	Major depressive disorder, recurrent, unspecified	Diagnosis	ICD-10-CM
F34.1	Dysthymic disorder	Diagnosis	ICD-10-CM
G8126	Patient with a diagnosis of major depression documented as being treated with	Procedure	HCPCS
	antidepressant medication during the entire 84 day (12 week) acute treatment		
	phase		
G8127	Patient with a diagnosis of major depression not documented as being treated	Procedure	HCPCS
	with antidepressant medication during the entire 84 day (12 week) acute		
	treatment phase		
G8128	Clinician documented that patient was not an eligible candidate for	Procedure	HCPCS
	antidepressant medication during the entire 12 week acute treatment phase		
	measure		
G8129	Patient documented as being treated with antidepressant medication for at least	Procedure	HCPCS
	6 months continuous treatment phase		
G8130	Patient not documented as being treated with antidepressant medication for at	Procedure	HCPCS
	least 6 months continuous treatment phase		
G8131	Clinician documented that patient was not an eligible candidate for	Procedure	HCPCS
	antidepressant medication for continuous treatment phase		
G8466	Clinician documented that patient is not an eligible candidate for suicide risk	Procedure	HCPCS
	assessment; major depressive disorder, in remission		
G8467	Documentation of new diagnosis of initial or recurrent episode of major	Procedure	HCPCS
	depressive disorder		
G8930	Assessment of depression severity at the initial evaluation	Procedure	HCPCS
G8931	Assessment of depression severity not documented, reason not given	Procedure	HCPCS
G8959	Clinician treating major depressive disorder communicates to clinician treating	Procedure	HCPCS
	comorbid condition		

cder\_mpl1p\_wp085 Page 245 of 390



Code	Description	<b>Code Category</b>	Code Type
G8960	Clinician treating major depressive disorder did not communicate to clinician	Procedure	HCPCS
	treating comorbid condition, reason not given		
G9193	Clinician documented that patient with a diagnosis of major depression was not	Procedure	HCPCS
	an eligible candidate for antidepressant medication treatment or patient did not		
	have a diagnosis of major depression		
G9194	Patient with a diagnosis of major depression documented as being treated with	Procedure	HCPCS
	antidepressant medication during the entire 180 day (6 month) continuation		
	treatment phase		
G9195	Patient with a diagnosis of major depression not documented as being treated	Procedure	HCPCS
	with antidepressant medication during the entire 180 day (6 months)		
	continuation treatment phase		
G9212	DSM-IVTM criteria for major depressive disorder documented at the initial	Procedure	HCPCS
	evaluation		
G9213	DSM-IV-TR criteria for major depressive disorder not documented at the initial	Procedure	HCPCS
	evaluation, reason not otherwise specified		
G9232	Clinician treating major depressive disorder did not communicate to clinician	Procedure	HCPCS
	treating comorbid condition for specified patient reason (e.g., patient is unable		
	to communicate the diagnosis of a comorbid condition; the patient is unwilling		
	to communicate the diagnosis of a comorbid condition; or the patient is unaware		
00500	of the comorbid condition, or any other specified patient reason)		
G9509	Adult patients 18 years of age or older with major depression or dysthymia who	Procedure	HCPCS
	reached remission at twelve months as demonstrated by a twelve-month (+/-60		
C0573	days) PHQ-9 or PHQ-9M score of less than 5	Donasadous	Hence
G9573	Adult patients 18 years of age or older with major depression or dysthymia who	Procedure	HCPCS
	did not reach remission at six months as demonstrated by a six-month (+/-60		
C0F74	days) PHQ-9 or PHQ-9M score of less than five	Dragodura	HCDCC
G9574	Adult patients 18 years of age or older with major depression or dysthymia who	Procedure	HCPCS
	did not reach remission at six months as demonstrated by a six-month (+/-60		
	days) PHQ-9 or PHQ-9M score of less than five; either PHQ-9 or PHQ-9M score		
C0717	was not assessed or is greater than or equal to five	Dracadura	HCDCC
G9717	Documentation stating the patient has had a diagnosis of depression or has had	Procedure	HCPCS
M1019	a diagnosis of bipolar disorder  Adolescent patients 12 to 17 years of age with major depression or dysthymia	Procedure	HCPCS
MITOTA		Procedure	псесз
	who reached remission at 12 months as demonstrated by a 12 month (+/-60 days) PHQ-9 or PHQ-9M score of less than 5		
S3005	Performance measurement, evaluation of patient self assessment, depression	Procedure	HCPCS
33003	Anxiety	riocedure	TICECS
	Annety		
F06.4	Anxiety disorder due to known physiological condition	Diagnosis	ICD-10-CM
F40.00	Agoraphobia, unspecified	Diagnosis	ICD-10-CM
F40.01	Agoraphobia with panic disorder	Diagnosis	ICD-10-CM
F40.02	Agoraphobia without panic disorder	Diagnosis	ICD-10-CM
F40.10	Social phobia, unspecified	Diagnosis	ICD-10-CM
F40.11	Social phobia, generalized	Diagnosis	ICD-10-CM
F40.210	Arachnophobia	Diagnosis	ICD-10-CM
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cder\_mpl1p\_wp085 Page 246 of 390



Code	Description	Code Category	Code Type
F40.218	Other animal type phobia	Diagnosis	ICD-10-CM
F40.220	Fear of thunderstorms	Diagnosis	ICD-10-CM
F40.228	Other natural environment type phobia	Diagnosis	ICD-10-CM
F40.230	Fear of blood	Diagnosis	ICD-10-CM
F40.231	Fear of injections and transfusions	Diagnosis	ICD-10-CM
F40.232	Fear of other medical care	Diagnosis	ICD-10-CM
F40.233	Fear of injury	Diagnosis	ICD-10-CM
F40.240	Claustrophobia	Diagnosis	ICD-10-CM
F40.241	Acrophobia	Diagnosis	ICD-10-CM
F40.242	Fear of bridges	Diagnosis	ICD-10-CM
F40.243	Fear of flying	Diagnosis	ICD-10-CM
F40.248	Other situational type phobia	Diagnosis	ICD-10-CM
F40.290	Androphobia	Diagnosis	ICD-10-CM
F40.291	Gynephobia	Diagnosis	ICD-10-CM
F40.298	Other specified phobia	Diagnosis	ICD-10-CM
F40.8	Other phobic anxiety disorders	Diagnosis	ICD-10-CM
F40.9	Phobic anxiety disorder, unspecified	Diagnosis	ICD-10-CM
F41.0	Panic disorder [episodic paroxysmal anxiety]	Diagnosis	ICD-10-CM
F41.1	Generalized anxiety disorder	Diagnosis	ICD-10-CM
F41.3	Other mixed anxiety disorders	Diagnosis	ICD-10-CM
F41.8	Other specified anxiety disorders	Diagnosis	ICD-10-CM
F41.9	Anxiety disorder, unspecified	Diagnosis	ICD-10-CM
F42.2	Mixed obsessional thoughts and acts	Diagnosis	ICD-10-CM
F42.3	Hoarding disorder	Diagnosis	ICD-10-CM
F42.4	Excoriation (skin-picking) disorder	Diagnosis	ICD-10-CM
F42.8	Other obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.9	Obsessive-compulsive disorder, unspecified	Diagnosis	ICD-10-CM
F43.0	Acute stress reaction	Diagnosis	ICD-10-CM
F44.9	Dissociative and conversion disorder, unspecified	Diagnosis	ICD-10-CM
F45.8	Other somatoform disorders	Diagnosis	ICD-10-CM
R45.7	State of emotional shock and stress, unspecified	Diagnosis	ICD-10-CM
	Bipolar Disorder		
F31	Bipolar disorder	Diagnosis	ICD-10-CM
F31.0	Bipolar disorder, current episode hypomanic	Diagnosis	ICD-10-CM
F31.1	Bipolar disorder, current episode manic without psychotic features	Diagnosis	ICD-10-CM
F31.10	Bipolar disorder, current episode manic without psychotic features, unspecified	Diagnosis	ICD-10-CM
F31.11	Bipolar disorder, current episode manic without psychotic features, mild	Diagnosis	ICD-10-CM
F31.12	Bipolar disorder, current episode manic without psychotic features, moderate	Diagnosis	ICD-10-CM
F31.13	Bipolar disorder, current episode manic without psychotic features, severe	Diagnosis	ICD-10-CM
F31.2	Bipolar disorder, current episode manic severe with psychotic features	Diagnosis	ICD-10-CM
F31.3	Bipolar disorder, current episode depressed, mild or moderate severity	Diagnosis	ICD-10-CM
F31.30	Bipolar disorder, current episode depressed, mild or moderate severity,	Diagnosis	ICD-10-CM
	unspecified		
F31.31	Bipolar disorder, current episode depressed, mild	Diagnosis	ICD-10-CM
F31.32	Bipolar disorder, current episode depressed, moderate	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 247 of 390



Code	Description	Code Category	Code Type
F31.4	Bipolar disorder, current episode depressed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.4 F31.5	Bipolar disorder, current episode depressed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.6	Bipolar disorder, current episode mixed	Diagnosis	ICD-10-CM
F31.60	Bipolar disorder, current episode mixed, unspecified	Diagnosis	ICD-10-CM
F31.61	Bipolar disorder, current episode mixed, mild	Diagnosis	ICD-10-CM
F31.62	Bipolar disorder, current episode mixed, moderate	Diagnosis	ICD-10-CM
F31.63	Bipolar disorder, current episode mixed, moderate  Bipolar disorder, current episode mixed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.64	Bipolar disorder, current episode mixed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.7	Bipolar disorder, currently in remission	Diagnosis	ICD-10-CM
F31.70	Bipolar disorder, currently in remission, most recent episode unspecified	Diagnosis	ICD-10-CM
F31.71	Bipolar disorder, in partial remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.72	Bipolar disorder, in full remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.73	Bipolar disorder, in partial remission, most recent episode manic	Diagnosis	ICD-10-CM
F31.74	Bipolar disorder, in full remission, most recent episode manic	Diagnosis	ICD-10-CM
F31.75	Bipolar disorder, in partial remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.76	Bipolar disorder, in full remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.77	Bipolar disorder, in partial remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.78	Bipolar disorder, in full remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.8	Other bipolar disorders	Diagnosis	ICD-10-CM
F31.81	Bipolar II disorder	Diagnosis	ICD-10-CM
F31.89	Other bipolar disorder	Diagnosis	ICD-10-CM
F31.9	Bipolar disorder, unspecified	Diagnosis	ICD-10-CM
	Sleep Disorder		
E66.2	Morbid (severe) obesity with alveolar hypoventilation	Diagnosis	ICD-10-CM
F11.182	Opioid abuse with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.282	Opioid dependence with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-	Diagnosis	ICD-10-CM
	induced sleep disorder		
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-	· Diagnosis	ICD-10-CM
	induced sleep disorder		
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or	Diagnosis	ICD-10-CM
	anxiolytic-induced sleep disorder		
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.282	Cocaine dependence with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder,	Diagnosis	ICD-10-CM
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F19.182	Other psychoactive substance abuse with psychoactive substance-induced sleep	Diagnosis	ICD-10-CM
	disorder		
F19.21	Other psychoactive substance dependence, in remission	Diagnosis	ICD-10-CM
F19.282	Other psychoactive substance dependence with psychoactive substance-induced	Diagnosis	ICD-10-CM
	sleep disorder		

cder\_mpl1p\_wp085 Page 248 of 390



Code	Description	Code Category	Code Type
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-	Diagnosis	ICD-10-CM
	induced sleep disorder		
F51.01	Primary insomnia	Diagnosis	ICD-10-CM
F51.02	Adjustment Insomnia	Diagnosis	ICD-10-CM
F51.03	Paradoxical insomnia	Diagnosis	ICD-10-CM
F51.09	Other insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.11	Primary Hypersomnia	Diagnosis	ICD-10-CM
F51.12	Insufficient sleep syndrome	Diagnosis	ICD-10-CM
F51.19	Other hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.3	Sleepwalking	Diagnosis	ICD-10-CM
F51.4	Night Terrors	Diagnosis	ICD-10-CM
F51.5	Nightmare Disorder	Diagnosis	ICD-10-CM
F51.8	Other sleep disorders not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
G25.81	Restless Legs Syndrome RLS	Diagnosis	ICD-10-CM
G47.00	Insomnia (NOS)	Diagnosis	ICD-10-CM
G47.01	Insomnia Due to Medical Condition	Diagnosis	ICD-10-CM
G47.10	Hypersomnia (NOS)	Diagnosis	ICD-10-CM
G47.11	Idiopathic Hypersomnia With Long Sleep Time	Diagnosis	ICD-10-CM
G47.12	Idiopathic Hypersomnia Without Long Sleep Time	Diagnosis	ICD-10-CM
G47.13	Recurrent Hypersomnia	Diagnosis	ICD-10-CM
G47.14	Hypersomnia Due to Medical Condition	Diagnosis	ICD-10-CM
G47.20	Circadian Rhythm Sleep Disorders (NOS)	Diagnosis	ICD-10-CM
G47.21	Delayed Sleep Phase Type	Diagnosis	ICD-10-CM
G47.22	Advanced Sleep Phase Type	Diagnosis	ICD-10-CM
G47.23	Irregular Sleep-Wake Type	Diagnosis	ICD-10-CM
G47.24	Free-Running Type	Diagnosis	ICD-10-CM
G47.26	Shift Work Type (Shift Work Disorder	Diagnosis	ICD-10-CM
G47.30	Unspecified Sleep Apnea	Diagnosis	ICD-10-CM
G47.31	Primary Central Sleep Apnea	Diagnosis	ICD-10-CM
G47.33	Obstructive Sleep Apnea	Diagnosis	ICD-10-CM
G47.34	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-10-CM
G47.36	Sleep related hypoventilation in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.37	Central Sleep Apnea/Complex Sleep Apnea	Diagnosis	ICD-10-CM
G47.39	Other Sleep Apnea	Diagnosis	ICD-10-CM
G47.411	Narcolepsy With Cataplexy	Diagnosis	ICD-10-CM
G47.419	Narcolepsy Without Cataplexy	Diagnosis	ICD-10-CM
G47.51	Confusional Arousals	Diagnosis	ICD-10-CM
G47.52	REM Sleep Behavior Disorder	Diagnosis	ICD-10-CM
G47.53	Recurrent Isolated Sleep Paralysis	Diagnosis	ICD-10-CM
G47.59	Other parasomnia	Diagnosis	ICD-10-CM
G47.61	Periodic Limb Movement Disorder	Diagnosis	ICD-10-CM
G47.62	Sleep Related Leg Cramps	Diagnosis	ICD-10-CM
G47.63	Sleep Related Bruxism	Diagnosis	ICD-10-CM
R06.00	Dyspnea, unspecified	Diagnosis	ICD-10-CM
R06.09	Other forms of dyspnea	Diagnosis	ICD-10-CM
R06.09	Other forms of dyspnea	Diagnosis	ICD-10-CN

cder\_mpl1p\_wp085 Page 249 of 390



Code	Description	Code Category	Code Type
R06.3	Periodic breathing	Diagnosis	ICD-10-CM
R06.81	Apnea, not elsewhere specified	Diagnosis	ICD-10-CM
R06.83	Snoring	Diagnosis	ICD-10-CM
R06.89	Other abnormalities of breathing	Diagnosis	ICD-10-CM
Z72.820	Sleep Deprivation	Diagnosis	ICD-10-CM
	Psychotic Disorder		
F06.0	Psychotic disorder with hallucinations due to known physiological condition	Diagnosis	ICD-10-CM
F06.1	Catatonic disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.2	Psychotic disorder with delusions due to known physiological condition	Diagnosis	ICD-10-CM
F20.0	Paranoid schizophrenia	Diagnosis	ICD-10-CM
F20.1	Disorganized schizophrenia	Diagnosis	ICD-10-CM
F20.2	Catatonic schizophrenia	Diagnosis	ICD-10-CM
F20.3	Undifferentiated schizophrenia	Diagnosis	ICD-10-CM
F20.5	Residual schizophrenia	Diagnosis	ICD-10-CM
F20.81	Schizophreniform disorder	Diagnosis	ICD-10-CM
F20.89	Other schizophrenia	Diagnosis	ICD-10-CM
F20.9	Schizophrenia, unspecified	Diagnosis	ICD-10-CM
F21	Schizotypal disorder	Diagnosis	ICD-10-CM
F22	Delusional disorders	Diagnosis	ICD-10-CM
F23	Brief psychotic disorder	Diagnosis	ICD-10-CM
F24	Shared psychotic disorder	Diagnosis	ICD-10-CM
F25.0	Schizoaffective disorder, bipolar type	Diagnosis	ICD-10-CM
F25.1	Schizoaffective disorder, depressive type	Diagnosis	ICD-10-CM
F25.8	Other schizoaffective disorders	Diagnosis	ICD-10-CM
F25.9	Schizoaffective disorder, unspecified	Diagnosis	ICD-10-CM
F28	Other psychotic disorder not due to a substance or known physiological	Diagnosis	ICD-10-CM
F29	Unspecified psychosis not due to a substane or known physiological condition	Diagnosis	ICD-10-CM
R44.0	Auditory hallucinations	Diagnosis	ICD-10-CM
R44.2	Other hallucinations	Diagnosis	ICD-10-CM
R44.3	Hallucinations, unspecified	Diagnosis	ICD-10-CM
	Post-Traumatic Stress Disorder (PTSD)	- 10011111	
F43.10	Post-traumatic stress disorder, unspecified	Diagnosis	ICD-10-CM
F43.11	Post-traumatic stress disorder, acute	Diagnosis	ICD-10-CM
F43.12	Post-traumatic stress disorder, chronic	Diagnosis	ICD-10-CM
	Manic Episode		
F30	Manic episode	Diagnosis	ICD-10-CM
F30.1	Manic episode without psychotic symptoms	Diagnosis	ICD-10-CM
F30.10	Manic episode without psychotic symptoms, unspecified	Diagnosis	ICD-10-CM
F30.11	Manic episode without psychotic symptoms, mild	Diagnosis	ICD-10-CM
F30.12	Manic episode without psychotic symptoms, moderate	Diagnosis	ICD-10-CM
F30.13	Manic episode, severe, without psychotic symptoms	Diagnosis	ICD-10-CM
F30.2	Manic episode, severe with psychotic symptoms	Diagnosis	ICD-10-CM
. 50.2			
F30.3	Manic episode in partial remission	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 250 of 390



Code	Description	<b>Code Category</b>	Code Type
F30.8	Other manic episodes	Diagnosis	ICD-10-CM
F30.9	Manic episode, unspecified	Diagnosis	ICD-10-CM
	Autistic Disorder		
F84.0	Autistic disorder	Diagnosis	ICD-10-CM
F84.3	Other childhood disintegrative disorder	Diagnosis	ICD-10-CM
F84.5	Asperger's syndrome	Diagnosis	ICD-10-CM
F84.8	Other pervasive developmental disorders	Diagnosis	ICD-10-CM
F84.9	Pervasive developmental disorder, unspecified	Diagnosis	ICD-10-CM
	Any Substance-Related Disorders		
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	Diagnosis	ICD-10-CM
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	Diagnosis	ICD-10-CM
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.130	Sedative, hypnotic or anxiolytic abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.131	Sedative, hypnotic or anxiolytic abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F13.132	Sedative, hypnotic or anxiolytic abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.139	Sedative, hypnotic or anxiolytic abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.150	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic- induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.151	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.159	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.180	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.181	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.188	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.19	Sedative, hypnotic or anxiolytic abuse with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.20	Sedative, hypnotic or anxiolytic dependence, uncomplicated	Diagnosis	ICD-10-CM
F13.220	Sedative, hypnotic or anxiolytic dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.221	Sedative, hypnotic or anxiolytic dependence with intoxication delirium	Diagnosis	ICD-10-CM
F13.229	Sedative, hypnotic or anxiolytic dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 251 of 390



Code	Description	<b>Code Category</b>	Code Type
F13.24	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic induced mood disorder	- Diagnosis	ICD-10-CM
F13.250	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic induced psychotic disorder with delusions	- Diagnosis	ICD-10-CM
F13.251	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic induced psychotic disorder with hallucinations	- Diagnosis	ICD-10-CM
F13.259	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic induced psychotic disorder, unspecified	- Diagnosis	ICD-10-CM
F13.26	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic induced persisting amnestic disorder	- Diagnosis	ICD-10-CM
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic induced persisting dementia	- Diagnosis	ICD-10-CM
F13.280	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic induced anxiety disorder	- Diagnosis	ICD-10-CM
F13.281	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic induced sexual dysfunction	- Diagnosis	ICD-10-CM
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic induced sleep disorder	- Diagnosis	ICD-10-CM
F13.288	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.90	Sedative, hypnotic, or anxiolytic use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F13.920	Sedative, hypnotic or anxiolytic use, unspecified with intoxication,	Diagnosis	ICD-10-CM
F13.921	Sedative, hypnotic or anxiolytic use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F13.929	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	-	ICD-10-CM
F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	•	ICD-10-CM
F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.94	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.950	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.951	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
13.959	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.96	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.980	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 252 of 390



Code	Description	<b>Code Category</b>	Code Type
F13.981	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
13.988	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
13.99	Sedative, hypnotic or anxiolytic use, unspecified with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
16.10	Hallucinogen abuse, uncomplicated	Diagnosis	ICD-10-CM
16.120	Hallucinogen abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
16.121	Hallucinogen abuse with intoxication with delirium	Diagnosis	ICD-10-CM
16.122	Hallucinogen abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
16.129	Hallucinogen abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
16.180	Hallucinogen abuse with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
16.183	Hallucinogen abuse with hallucinogen persisting perception disorder (flashbacks)	•	ICD-10-CM
16.188	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
16.19	Hallucinogen abuse with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
16.20	Hallucinogen dependence, uncomplicated	Diagnosis	ICD-10-CM
16.220	Hallucinogen dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
16.221	Hallucinogen dependence with intoxication with delirium	Diagnosis	ICD-10-CM
16.229	Hallucinogen dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
16.24	Hallucinogen dependence with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
16.250	Hallucinogen dependence with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
16.251	Hallucinogen dependence with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
16.259	Hallucinogen dependence with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
16.280	Hallucinogen dependence with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
16.283	Hallucinogen dependence with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
16.288	Hallucinogen dependence with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
16.29	Hallucinogen dependence with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
16.90	Hallucinogen use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
16.920	Hallucinogen use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
16.921	Hallucinogen use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
16.929	Hallucinogen use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
16.94	Hallucinogen use, unspecified with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	-	ICD-10-CM

cder\_mpl1p\_wp085 Page 253 of 390



Code	Description	Code Category	Code Type
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F18.10	Inhalant abuse, uncomplicated	Diagnosis	ICD-10-CM
F18.120	Inhalant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.121	Inhalant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F18.129	Inhalant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.14	Inhalant abuse with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.150	Inhalant abuse with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.151	Inhalant abuse with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.159	Inhalant abuse with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.17	Inhalant abuse with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.180	Inhalant abuse with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.188	Inhalant abuse with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.19	Inhalant abuse with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.20	Inhalant dependence, uncomplicated	Diagnosis	ICD-10-CM
F18.220	Inhalant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.221	Inhalant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F18.229	Inhalant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.24	Inhalant dependence with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.250	Inhalant dependence with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.251	Inhalant dependence with inhalant-induced psychotic disorder with	Diagnosis	ICD-10-CM
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.27	Inhalant dependence with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.280	Inhalant dependence with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.288	Inhalant dependence with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.29	Inhalant dependence with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.90	Inhalant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F18.920	Inhalant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.921	Inhalant use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F18.929	Inhalant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.94	Inhalant use, unspecified with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with	Diagnosis	ICD-10-CM
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	Diagnosis	ICD-10-CM
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 254 of 390



Code	Description	<b>Code Category</b>	Code Type
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F19.10	Other psychoactive substance abuse, uncomplicated	Diagnosis	ICD-10-CM
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.121	Other psychoactive substance abuse with intoxication delirium	Diagnosis	ICD-10-CM
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	Diagnosis	ICD-10-CM
F19.129	Other psychoactive substance abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.130	Other psychoactive substance abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.131	Other psychoactive substance abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F19.132	Other psychoactive substance abuse with withdrawal with perceptual	Diagnosis	ICD-10-CM
F19.139	Other psychoactive substance abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.180	Other psychoactive substance abuse with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.181	Other psychoactive substance abuse with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.182	Other psychoactive substance abuse with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.188	Other psychoactive substance abuse with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.19	Other psychoactive substance abuse with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.20	Other psychoactive substance dependence, uncomplicated	Diagnosis	ICD-10-CM
F19.220	Other psychoactive substance dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.221	Other psychoactive substance dependence with intoxication delirium	Diagnosis	ICD-10-CM
F19.222	Other psychoactive substance dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.229	Other psychoactive substance dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.230	Other psychoactive substance dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.231	Other psychoactive substance dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F19.232	Other psychoactive substance dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.239	Other psychoactive substance dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 255 of 390



Code	Description	<b>Code Category</b>	Code Type
F19.24	Other psychoactive substance dependence with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.250	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.251	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.259	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.26	Other psychoactive substance dependence with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.280	Other psychoactive substance dependence with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.281	Other psychoactive substance dependence with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.288	Other psychoactive substance dependence with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.29	Other psychoactive substance dependence with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.90	Other psychoactive substance use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F19.920	Other psychoactive substance use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.921	Other psychoactive substance use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F19.922	Other psychoactive substance use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.929	Other psychoactive substance use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.930	Other psychoactive substance use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.94	Other psychoactive substance use, unspecified with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.950	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.951	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.959	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.96	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 256 of 390



Code	Description	Code Category	Code Type
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-	Diagnosis	ICD-10-CM
	induced anxiety disorder		
19.981	Other psychoactive substance use, unspecified with psychoactive substance-	Diagnosis	ICD-10-CM
	induced sexual dysfunction		
19.982	Other psychoactive substance use, unspecified with psychoactive substance-	Diagnosis	ICD-10-CM
	induced sleep disorder		
19.988	Other psychoactive substance use, unspecified with other psychoactive	Diagnosis	ICD-10-CM
	substance-induced disorder		
19.99	Other psychoactive substance use, unspecified with unspecified psychoactive	Diagnosis	ICD-10-CM
	substance-induced disorder		
10	Alcohol related disorders	Diagnosis	ICD-10-CM
10.1	Alcohol abuse	Diagnosis	ICD-10-CM
10.10	Alcohol abuse, uncomplicated	Diagnosis	ICD-10-CM
10.11	Alcohol abuse, in remission	Diagnosis	ICD-10-CM
10.12	Alcohol abuse with intoxication	Diagnosis	ICD-10-CM
10.120	Alcohol abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
10.121	Alcohol abuse with intoxication delirium	Diagnosis	ICD-10-CM
10.129	Alcohol abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
10.13	Alcohol abuse, with withdrawal	Diagnosis	ICD-10-CM
10.130	Alcohol abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
10.131	Alcohol abuse with withdrawal delirium	Diagnosis	ICD-10-CM
10.132	Alcohol abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
10.139	Alcohol abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
10.14	Alcohol abuse with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
10.15	Alcohol abuse with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
10.18	Alcohol abuse with other alcohol-induced disorders	Diagnosis	ICD-10-CM
10.180	Alcohol abuse with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
10.181	Alcohol abuse with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
10.182	Alcohol abuse with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
10.188	Alcohol abuse with other alcohol-induced disorder	Diagnosis	ICD-10-CM
10.19	Alcohol abuse with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
10.2	Alcohol dependence	Diagnosis	ICD-10-CM
10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
10.22	Alcohol dependence with intoxication	Diagnosis	ICD-10-CM
10.220	Alcohol dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
10.229	Alcohol dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
10.23	Alcohol dependence with withdrawal	Diagnosis	ICD-10-CM
10.230	Alcohol dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
10.231	Alcohol dependence with withdrawal delirium	Diagnosis	ICD-10-CM
10.232	Alcohol dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 257 of 390



Code	Description	<b>Code Category</b>	Code Type
10.239	Alcohol dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
10.24	Alcohol dependence with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
10.25	Alcohol dependence with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
10.26	Alcohol dependence with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
10.27	Alcohol dependence with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
10.28	Alcohol dependence with other alcohol-induced disorders	Diagnosis	ICD-10-CM
10.280	Alcohol dependence with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
10.281	Alcohol dependence with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
10.282	Alcohol dependence with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
10.288	Alcohol dependence with other alcohol-induced disorder	Diagnosis	ICD-10-CM
10.29	Alcohol dependence with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
10.9	Alcohol use, unspecified	Diagnosis	ICD-10-CM
10.90	Alcohol use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
10.91	Alcohol use, unspecified, in remission	Diagnosis	ICD-10-CM
10.92	Alcohol use, unspecified with intoxication	Diagnosis	ICD-10-CM
10.920	Alcohol use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
10.921	Alcohol use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
10.929	Alcohol use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
10.93	Alcohol use, unspecified with withdrawal	Diagnosis	ICD-10-CM
10.930	Alcohol use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
10.931	Alcohol use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
10.932	Alcohol use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
10.939	Alcohol use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
10.94	Alcohol use, unspecified with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
10.95	Alcohol use, unspecified with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with	Diagnosis	ICD-10-CM
	hallucinations	J	
10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
10.96	Alcohol use, unspecified with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
10.98	Alcohol use, unspecified with other alcohol-induced disorders	Diagnosis	ICD-10-CM
10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
10.988	Alcohol use, unspecified with other alcohol-induced disorder	Diagnosis	ICD-10-CM
10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
11.10	Opioid abuse, uncomplicated	Diagnosis	ICD-10-CM
11.120	Opioid abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
11.121	Opioid abuse with intoxication delirium	Diagnosis	ICD-10-CM
11.122	Opioid abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
11.129	Opioid abuse with intoxication, unspecified	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 258 of 390



	0-PCS) Codes Used to Define Baseline Characteristics in this Request		
Code	Description	Code Category	Code Type
F11.13	Opioid abuse with withdrawal	Diagnosis	ICD-10-CM
F11.14	Opioid abuse with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.151	Opioid abuse with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.159	Opioid abuse with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.181	Opioid abuse with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.182	Opioid abuse with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.188	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.19	Opioid abuse with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.20	Opioid dependence, uncomplicated	Diagnosis	ICD-10-CM
F11.220	Opioid dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.221	Opioid dependence with intoxication delirium	Diagnosis	ICD-10-CM
F11.222	Opioid dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.229	Opioid dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.23	Opioid dependence with withdrawal	Diagnosis	ICD-10-CM
F11.24	Opioid dependence with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.250	Opioid dependence with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.259	Opioid dependence with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.281	Opioid dependence with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.282	Opioid dependence with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.288	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.29	Opioid dependence with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.90	Opioid use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F11.920	Opioid use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.921	Opioid use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F11.922	Opioid use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.929	Opioid use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.93	Opioid use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F11.94	Opioid use, unspecified with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.951	Opioid use, unspecified with opioid-induced psychotic disorder with	Diagnosis	ICD-10-CM
F11.959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.981	Opioid use, unspecified with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.988	Opioid use, unspecified with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.99	Opioid use, unspecified with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F12	Cannabis related disorders	Diagnosis	ICD-10-CM
F12.1	Cannabis abuse	Diagnosis	ICD-10-CM
F12.10	Cannabis abuse, uncomplicated	Diagnosis	ICD-10-CM
F12.11	Cannabis abuse, in remission	Diagnosis	ICD-10-CM
F12.12	Cannabis abuse with intoxication	Diagnosis	ICD-10-CM
F12.120	Cannabis abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.121	Cannabis abuse with intoxication, uncomplicated  Cannabis abuse with intoxication delirium	Diagnosis	ICD-10-CM
F12.122	Cannabis abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
. 12.122	camasis abase with intoxication with perceptual disturbance	2102110313	.CD TO CIVI

cder\_mpl1p\_wp085 Page 259 of 390



Code	Description	Code Category	Code Type
F12.129	Cannabis abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
12.13	Cannabis abuse with withdrawal	Diagnosis	ICD-10-CM
12.15	Cannabis abuse with psychotic disorder	Diagnosis	ICD-10-CM
12.150	Cannabis abuse with psychotic disorder with delusions	Diagnosis	ICD-10-CM
12.151	Cannabis abuse with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
12.159	Cannabis abuse with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
12.18	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
12.180	Cannabis abuse with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
12.188	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
12.19	Cannabis abuse with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
12.2	Cannabis dependence	Diagnosis	ICD-10-CM
12.20	Cannabis dependence, uncomplicated	Diagnosis	ICD-10-CM
12.21	Cannabis dependence, in remission	Diagnosis	ICD-10-CM
12.22	Cannabis dependence with intoxication	Diagnosis	ICD-10-CM
12.220	Cannabis dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
12.221	Cannabis dependence with intoxication delirium	Diagnosis	ICD-10-CM
12.222	Cannabis dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
12.229	Cannabis dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
12.23	Cannabis dependence with withdrawal	Diagnosis	ICD-10-CM
12.25	Cannabis dependence with psychotic disorder	Diagnosis	ICD-10-CM
12.250	Cannabis dependence with psychotic disorder with delusions	Diagnosis	ICD-10-CM
12.251	Cannabis dependence with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
12.259	Cannabis dependence with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
12.28	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
12.280	Cannabis dependence with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
12.288	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
12.29	Cannabis dependence with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
12.9	Cannabis use, unspecified	Diagnosis	ICD-10-CM
12.90	Cannabis use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
12.91	Cannabis use, unspecified, in remission	Diagnosis	ICD-10-CM
12.92	Cannabis use, unspecified with intoxication	Diagnosis	ICD-10-CM
12.920	Cannabis use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
12.921	Cannabis use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
12.929	Cannabis use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
12.93	Cannabis use, unspecified with withdrawal	Diagnosis	ICD-10-CM
12.95	Cannabis use, unspecified with psychotic disorder	Diagnosis	ICD-10-CM
12.950	Cannabis use, unspecified with psychotic disorder with delusions	Diagnosis	ICD-10-CM
12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
12.959	Cannabis use, unspecified with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
12.98	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
12.980	Cannabis use, unspecified with anxiety disorder	Diagnosis	ICD-10-CM
12.988	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
14	Cocaine related disorders	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 260 of 390



Code	0-PCS) Codes Used to Define Baseline Characteristics in this Request  Description	Code Category	Code Type
F14.1	Cocaine abuse	Diagnosis	ICD-10-CM
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.12	Cocaine abuse with intoxication	Diagnosis	ICD-10-CM
F14.120	Cocaine abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.129	Cocaine abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.13	Cocaine abuse, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.14	Cocaine abuse with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.15	Cocaine abuse with cocaine-induced mood disorder  Cocaine abuse with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with delusions  Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.151			ICD-10-CM
	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	Diagnosis	
F14.18	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.188	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.2	Cocaine dependence	Diagnosis	ICD-10-CM
F14.20	Cocaine dependence, uncomplicated	Diagnosis	ICD-10-CM
F14.21	Cocaine dependence, in remission	Diagnosis	ICD-10-CM
F14.22	Cocaine dependence with intoxication	Diagnosis	ICD-10-CM
F14.220	Cocaine dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.221	Cocaine dependence with intoxication delirium	Diagnosis	ICD-10-CM
F14.222	Cocaine dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.229	Cocaine dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.23	Cocaine dependence with withdrawal	Diagnosis	ICD-10-CM
F14.24	Cocaine dependence with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.25	Cocaine dependence with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations		ICD-10-CM
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.28	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.282	Cocaine dependence with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.288	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.29	Cocaine dependence with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.9	Cocaine use, unspecified	Diagnosis	ICD-10-CM
F14.90	Cocaine use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F14.91	Cocaine use, unspecified, in remission	Diagnosis	ICD-10-CM
F14.92	Cocaine use, unspecified with intoxication	Diagnosis	ICD-10-CM
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 261 of 390



Code	Description	<b>Code Category</b>	Code Type
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.93	Cocaine use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.95	Cocaine use, unspecified with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.98	Cocaine use, unspecified with other specified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.980	Cocaine use, unspecified with ocraine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sexual dyslunction  Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F15.10	Other stimulant abuse, uncomplicated	Diagnosis	ICD-10-CW
F15.120	Other stimulant abuse, uncomplicated  Other stimulant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.120	Other stimulant abuse with intoxication, uncomplicated  Other stimulant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.129	Other stimulant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.13	Other stimulant abuse with withdrawal	Diagnosis	ICD-10-CM
F15.14	Other stimulant abuse with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with	Diagnosis	ICD-10-CM
113.131	hallucinations	Diagnosis	ICD TO CIVI
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.188	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.20	Other stimulant dependence, uncomplicated	Diagnosis	ICD-10-CM
F15.220	Other stimulant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.221	Other stimulant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.229	Other stimulant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.23	Other stimulant dependence with withdrawal	Diagnosis	ICD-10-CM
F15.24	Other stimulant dependence with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 262 of 390



Code	Description	Code Category	Code Type
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder		ICD-10-CM
F15.280 F15.281	Other stimulant dependence with stimulant-induced anxiety disorder  Other stimulant dependence with stimulant-induced sexual dysfunction	Diagnosis Diagnosis	ICD-10-CM
F15.281 F15.282	Other stimulant dependence with stimulant-induced sexual dysfunction  Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CIVI
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F15.288	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.90	Other stimulant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.921	Other stimulant use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.929	Other stimulant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.93	Other stimulant use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with	Diagnosis	ICD-10-CM
545.054	delusions	<b>.</b> .	100.40.004
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F17	Nicotine dependence	Diagnosis	ICD-10-CM
F17.2	Nicotine dependence	Diagnosis	ICD-10-CM
F17.20	Nicotine dependence, unspecified	Diagnosis	ICD-10-CM
F17.200	Nicotine dependence, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F17.201	Nicotine dependence, unspecified, in remission	Diagnosis	ICD-10-CM
F17.203	Nicotine dependence unspecified, with withdrawal	Diagnosis	ICD-10-CM
F17.208	Nicotine dependence, unspecified, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.209	Nicotine dependence, unspecified, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.21	Nicotine dependence, cigarettes	Diagnosis	ICD-10-CM
F17.21	Nicotine dependence, cigarettes  Nicotine dependence, cigarettes, uncomplicated	Diagnosis	ICD-10-CIVI
F17.210	Nicotine dependence, cigarettes, in remission	Diagnosis	ICD-10-CM
F17.211	Nicotine dependence, cigarettes, mithemission  Nicotine dependence, cigarettes, with withdrawal	Diagnosis	ICD-10-CM
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.219 F17.22	Nicotine dependence, cigarettes, with dispective incotine-induced disorders  Nicotine dependence, chewing tobacco	Diagnosis	ICD-10-CM
F17.22 F17.220	Nicotine dependence, chewing tobacco Nicotine dependence, chewing tobacco, uncomplicated	Diagnosis	ICD-10-CM
		=	
F17.221	Nicotine dependence, chewing tobacco, in remission	Diagnosis	ICD-10-CM
F17.223	Nicotine dependence, chewing tobacco, with withdrawal	Diagnosis	ICD-10-CM
F17.228	Nicotine dependence, chewing tobacco, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.229	Nicotine dependence, chewing tobacco, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.29	Nicotine dependence, other tobacco product	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 263 of 390



Code	Description	<b>Code Category</b>	Code Type
F17.290	Nicotine dependence, other tobacco product, uncomplicated	Diagnosis	ICD-10-CM
F17.291	Nicotine dependence, other tobacco product, in remission	Diagnosis	ICD-10-CM
F17.293	Nicotine dependence, other tobacco product, with withdrawal	Diagnosis	ICD-10-CM
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
G2067	Medication assisted treatment, methadone; weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing, if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2068	Medication assisted treatment, buprenorphine (oral); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2069	Medication assisted treatment, buprenorphine (injectable); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2070	Medication assisted treatment, buprenorphine (implant insertion); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2071	Medication assisted treatment, buprenorphine (implant removal); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2072	Medication assisted treatment, buprenorphine (implant insertion and removal); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2073	Medication assisted treatment, naltrexone; weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2079	Take home supply of buprenorphine (oral); up to 7 additional day supply (provision of the services by a Medicare-enrolled opioid treatment program); list separately in addition to code for primary procedure	Procedure	HCPCS
HZ81ZZZ	Medication Management for Substance Abuse Treatment, Methadone Maintenance	Procedure	ICD-10-PCS
HZ84ZZZ	Medication Management for Substance Abuse Treatment, Naltrexone	Procedure	ICD-10-PCS
HZ85ZZZ	Medication Management for Substance Abuse Treatment, Naloxone	Procedure	ICD-10-PCS
HZ86ZZZ	Medication Management for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
HZ91ZZZ	Pharmacotherapy for Substance Abuse Treatment, Methadone Maintenance	Procedure	ICD-10-PCS
	Pharmacotherapy for Substance Abuse Treatment, Naltrexone	Procedure	

cder\_mpl1p\_wp085 Page 264 of 390



Code	Description	<b>Code Category</b>	Code Type
HZ95ZZZ	Pharmacotherapy for Substance Abuse Treatment, Naloxone	Procedure	ICD-10-PCS
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
0571	Buprenorphine, oral, 1 mg	Procedure	HCPCS
0572	Buprenorphine/naloxone, oral, less than or equal to 3 mg buprenorphine	Procedure	HCPCS
0573	Buprenorphine/naloxone, oral, greater than 3 mg, but less than or equal to 6 mg	Procedure	HCPCS
	buprenorphine		
0574	Buprenorphine/naloxone, oral, greater than 6 mg, but less than or equal to 10 mg buprenorphine	Procedure	HCPCS
0575	Buprenorphine/naloxone, oral, greater than 10 mg buprenorphine	Procedure	HCPCS
0592	Injection, buprenorphine HCl, 0.1 mg	Procedure	HCPCS
4990	Nicotine patches, legend	Procedure	HCPCS
4991	Nicotine patches, non-legend	Procedure	HCPCS
40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.0X1D	Poisoning by opium, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.0X1S	Poisoning by opium, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
40.0X3A	Poisoning by opium, assault, initial encounter	Diagnosis	ICD-10-CM
40.0X3D	Poisoning by opium, assault, subsequent encounter	Diagnosis	ICD-10-CM
40.0X3S	Poisoning by opium, assault, sequela	Diagnosis	ICD-10-CM
40.0X4A	Poisoning by opium, undetermined, initial encounter	Diagnosis	ICD-10-CM
40.0X4D	Poisoning by opium, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
40.0X4S	Poisoning by opium, undetermined, sequela	Diagnosis	ICD-10-CM
40.0X5A	Adverse effect of opium, initial encounter	Diagnosis	ICD-10-CM
40.0X5D	Adverse effect of opium, subsequent encounter	Diagnosis	ICD-10-CM
40.0X5S	Adverse effect of opium, sequela	Diagnosis	ICD-10-CM
40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.1X2A	Poisoning by heroin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.1X2D	Poisoning by heroin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
40.1X2S	Poisoning by heroin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
40.1X3A	Poisoning by heroin, assault, initial encounter	Diagnosis	ICD-10-CM
40.1X3D	Poisoning by heroin, assault, subsequent encounter	Diagnosis	ICD-10-CM
40.1X3S	Poisoning by heroin, assault, sequela	Diagnosis	ICD-10-CM
40.1X4A	Poisoning by heroin, undetermined, initial encounter	Diagnosis	ICD-10-CM
40.1X4D	Poisoning by heroin, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
40.1X4S	Poisoning by heroin, undetermined, sequela	Diagnosis	ICD-10-CM
40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.2X1A	Poisoning by other opioids, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.2X15 40.2X1S	Poisoning by other opioids, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
Г40.2X13 Г40.2X2A	Poisoning by other opioids, accidental (unintentional), sequela  Poisoning by other opioids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CIVI
740.2X2A 740.2X2D	Poisoning by other opioids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
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cder\_mpl1p\_wp085 Page 265 of 390



Code	Description	<b>Code Category</b>	Code Type
Г40.2X3A	Poisoning by other opioids, assault, initial encounter	Diagnosis	ICD-10-CM
40.2X3D	Poisoning by other opioids, assault, subsequent encounter	Diagnosis	ICD-10-CM
40.2X3S	Poisoning by other opioids, assault, sequela	Diagnosis	ICD-10-CM
40.2X4A	Poisoning by other opioids, undetermined, initial encounter	Diagnosis	ICD-10-CM
40.2X4D	Poisoning by other opioids, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
40.2X4S	Poisoning by other opioids, undetermined, sequela	Diagnosis	ICD-10-CM
40.2X5A	Adverse effect of other opioids, initial encounter	Diagnosis	ICD-10-CM
40.2X5D	Adverse effect of other opioids, subsequent encounter	Diagnosis	ICD-10-CM
40.2X5S	Adverse effect of other opioids, sequela	Diagnosis	ICD-10-CM
40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.3X1D	Poisoning by methadone, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.3X1S	Poisoning by methadone, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.3X2A	Poisoning by methadone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.3X2D	Poisoning by methadone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
40.3X2S	Poisoning by methadone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
40.3X3A	Poisoning by methadone, assault, initial encounter	Diagnosis	ICD-10-CM
40.3X3D	Poisoning by methadone, assault, subsequent encounter	Diagnosis	ICD-10-CM
40.3X3S	Poisoning by methadone, assault, sequela	Diagnosis	ICD-10-CM
40.3X4A	Poisoning by methadone, undetermined, initial encounter	Diagnosis	ICD-10-CM
40.3X4D	Poisoning by methadone, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
40.3X4S	Poisoning by methadone, undetermined, sequela	Diagnosis	ICD-10-CM
40.3X5A	Adverse effect of methadone, initial encounter	Diagnosis	ICD-10-CM
40.3X5D	Adverse effect of methadone, subsequent encounter	Diagnosis	ICD-10-CM
40.3X5S	Adverse effect of methadone, sequela	Diagnosis	ICD-10-CM
40.411A	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.411D	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.411S	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.412A	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, initial encounter	=	ICD-10-CM
40.412D	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
40.412S	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
40.413A	Poisoning by fentanyl or fentanyl analogs, assault, initial encounter	Diagnosis	ICD-10-CM
40.413D	Poisoning by fentanyl or fentanyl analogs, assault, subsequent encounter	Diagnosis	ICD-10-CM
40.413S	Poisoning by fentanyl or fentanyl analogs, assault, sequela	Diagnosis	ICD-10-CM
40.414A	Poisoning by fentanyl or fentanyl analogs, undetermined, initial encounter	Diagnosis	ICD-10-CM
40.414D	Poisoning by fentanyl or fentanyl analogs, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
40.414S	Poisoning by fentanyl or fentanyl analogs, undetermined, sequela	Diagnosis	ICD-10-CM
40.415A	Adverse effect of fentanyl or fentanyl analogs, initial encounter	Diagnosis	ICD-10-CM
40.415D	Adverse effect of fentanyl or fentanyl analogs, subsequent encounter	Diagnosis	ICD-10-CM
40.4158	Adverse effect of fentanyl or fentanyl analogs, sequela	Diagnosis	ICD-10-CM
40.421A	Poisoning by tramadol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.421D	Poisoning by tramadol, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.4215	Poisoning by tramadol, accidental (unintentional), sequela	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 266 of 390



Code	Description	Code Category	Code Type
40.422A	Poisoning by tramadol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.422D	Poisoning by tramadol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
10.422S	Poisoning by tramadol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
40.423A	Poisoning by tramadol, assault, initial encounter	Diagnosis	ICD-10-CM
40.423D	Poisoning by tramadol, assault, subsequent encounter	Diagnosis	ICD-10-CM
40.423S	Poisoning by tramadol, assault, sequela	Diagnosis	ICD-10-CM
40.424A	Poisoning by tramadol, undetermined, initial encounter	Diagnosis	ICD-10-CM
40.424D	Poisoning by tramadol, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
40.424S	Poisoning by tramadol, undetermined, sequela	Diagnosis	ICD-10-CM
10.425A	Adverse effect of tramadol, initial encounter	Diagnosis	ICD-10-CM
40.425D	Adverse effect of tramadol, subsequent encounter	Diagnosis	ICD-10-CM
40.425S	Adverse effect of tramadol, sequela	Diagnosis	ICD-10-CM
40.491A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.491D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
0.4915	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.492A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.492D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
10.492S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
0.493A	Poisoning by other synthetic narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
10.493D	Poisoning by other synthetic narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
10.4935	Poisoning by other synthetic narcotics, assault, sequela	Diagnosis	ICD-10-CM
10.494A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
10.494D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
10.4945	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
10.495A	Adverse effect of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
10.495D	Adverse effect of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
10.4958	Adverse effect of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
40.4X1A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.4X1D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
10.4X1S	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
10.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
10.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
10.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
10.4X3A	Poisoning by other synthetic narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
40.4X3D	Poisoning by other synthetic narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
40.4X3S	Poisoning by other synthetic narcotics, assault, sequela	Diagnosis	ICD-10-CM
40.4X4A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
10.4X4D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
40.4X4S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 267 of 390



Code	Description	Code Category	Code Type
T40.4X5A	Adverse effect of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.4X5D	Adverse effect of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X5S	Adverse effect of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
T40.601A	Poisoning by unspecified narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.601D	Poisoning by unspecified narcotics, accidental (unintentional), subsequent	Diagnosis	ICD-10-CM
	encounter	J	
T40.601S	Poisoning by unspecified narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.602A	Poisoning by unspecified narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.602D	Poisoning by unspecified narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.602S	Poisoning by unspecified narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.603A	Poisoning by unspecified narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.603D	Poisoning by unspecified narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.603S	Poisoning by unspecified narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.604A	Poisoning by unspecified narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.604D	Poisoning by unspecified narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.604S	Poisoning by unspecified narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.605A	Adverse effect of unspecified narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.605D	Adverse effect of unspecified narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.605S	Adverse effect of unspecified narcotics, sequela	Diagnosis	ICD-10-CM
T40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.691D	Poisoning by other narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.691S	Poisoning by other narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.692A	Poisoning by other narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.692D	Poisoning by other narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.692S	Poisoning by other narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.693A	Poisoning by other narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.693D	Poisoning by other narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.693S	Poisoning by other narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.694A	Poisoning by other narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.694D	Poisoning by other narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.694S	Poisoning by other narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.695A	Adverse effect of other narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.695D	Adverse effect of other narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.695S	Adverse effect of other narcotics, sequela	Diagnosis	ICD-10-CM
U07.0	Vaping related disorder	Diagnosis	ICD-10-CM
Z87891	Personal history of nicotine dependence	Diagnosis	ICD-10-CM
	Opioid-Related Disorders		
F11.10	Opioid abuse, uncomplicated	Diagnosis	ICD-10-CM
F11.120	Opioid abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.121	Opioid abuse with intoxication delirium	Diagnosis	ICD-10-CM
F11.122	Opioid abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.129	Opioid abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.13	Opioid abuse with withdrawal	Diagnosis	ICD-10-CM
F11.14	Opioid abuse with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 268 of 390



		I-PCS) Codes Used to Define Baseline Characteristics in this Request		
Cod		Description	Code Category	
F11.		Opioid abuse with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.		Opioid abuse with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.		Opioid abuse with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.		Opioid abuse with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.		Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.		Opioid abuse with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.		Opioid dependence, uncomplicated	Diagnosis	ICD-10-CM
F11.		Opioid dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.	221	Opioid dependence with intoxication delirium	Diagnosis	ICD-10-CM
F11.		Opioid dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.	229	Opioid dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.	.23	Opioid dependence with withdrawal	Diagnosis	ICD-10-CM
F11.	24	Opioid dependence with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.	250	Opioid dependence with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.	251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.	259	Opioid dependence with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.	281	Opioid dependence with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.	282	Opioid dependence with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.	288	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.	29	Opioid dependence with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.	90	Opioid use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F11.	920	Opioid use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.	921	Opioid use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F11.	922	Opioid use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.	929	Opioid use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.	.93	Opioid use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F11.	94	Opioid use, unspecified with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.	950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.	951	Opioid use, unspecified with opioid-induced psychotic disorder with	Diagnosis	ICD-10-CM
F11.	959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.	981	Opioid use, unspecified with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.	982	Opioid use, unspecified with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.	988	Opioid use, unspecified with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.	.99	Opioid use, unspecified with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
G20	67	Medication assisted treatment, methadone; weekly bundle including dispensing	Procedure	HCPCS
		and/or administration, substance use counseling, individual and group therapy,		
		and toxicology testing, if performed (provision of the services by a Medicare-		
		enrolled opioid treatment program)		
G20	68	Medication assisted treatment, buprenorphine (oral); weekly bundle including	Procedure	HCPCS
		dispensing and/or administration, substance use counseling, individual and		
		group therapy, and toxicology testing if performed (provision of the services by a		
		Medicare-enrolled opioid treatment program)		
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cder\_mpl1p\_wp085 Page 269 of 390



Code	Description	Code Category	Code Type
G2069	Medication assisted treatment, buprenorphine (injectable); weekly bundle	Procedure	HCPCS
	including dispensing and/or administration, substance use counseling, individual		
	and group therapy, and toxicology testing if performed (provision of the services		
	by a Medicare-enrolled opioid treatment program)		
G2070	Medication assisted treatment, buprenorphine (implant insertion); weekly	Procedure	HCPCS
	bundle including dispensing and/or administration, substance use counseling,		
	individual and group therapy, and toxicology testing if performed (provision of		
	the services by a Medicare-enrolled opioid treatment program)		
G2071	Medication assisted treatment, buprenorphine (implant removal); weekly bundle	Procedure	HCPCS
	including dispensing and/or administration, substance use counseling, individual		
	and group therapy, and toxicology testing if performed (provision of the services		
	by a Medicare-enrolled opioid treatment program)		
G2072	Medication assisted treatment, buprenorphine (implant insertion and removal);	Procedure	HCPCS
	weekly bundle including dispensing and/or administration, substance use		
	counseling, individual and group therapy, and toxicology testing if performed		
	(provision of the services by a Medicare-enrolled opioid treatment program)		
G2073	Medication assisted treatment, naltrexone; weekly bundle including dispensing	Procedure	HCPCS
	and/or administration, substance use counseling, individual and group therapy,		
	and toxicology testing if performed (provision of the services by a Medicare-		
	enrolled opioid treatment program)		
G2079	Take home supply of buprenorphine (oral); up to 7 additional day supply	Procedure	HCPCS
	(provision of the services by a Medicare-enrolled opioid treatment program); list		
	separately in addition to code for primary procedure		
HZ81ZZZ	Medication Management for Substance Abuse Treatment, Methadone	Procedure	ICD-10-PCS
	Maintenance		
HZ84ZZZ	Medication Management for Substance Abuse Treatment, Naltrexone	Procedure	ICD-10-PCS
HZ85ZZZ	Medication Management for Substance Abuse Treatment, Naloxone	Procedure	ICD-10-PCS
HZ86ZZZ	Medication Management for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
HZ91ZZZ	Pharmacotherapy for Substance Abuse Treatment, Methadone Maintenance	Procedure	ICD-10-PCS
HZ94ZZZ	Pharmacotherapy for Substance Abuse Treatment, Naltrexone	Procedure	ICD-10-PCS
HZ95ZZZ	Pharmacotherapy for Substance Abuse Treatment, Naloxone	Procedure	ICD-10-PCS
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
J0571	Buprenorphine, oral, 1 mg	Procedure	HCPCS
J0572	Buprenorphine/naloxone, oral, less than or equal to 3 mg buprenorphine	Procedure	HCPCS
J0573	Buprenorphine/naloxone, oral, greater than 3 mg, but less than or equal to 6 mg	Procedure	HCPCS
	buprenorphine		
J0574	Buprenorphine/naloxone, oral, greater than 6 mg, but less than or equal to 10	Procedure	HCPCS
	mg buprenorphine		
J0575	Buprenorphine/naloxone, oral, greater than 10 mg buprenorphine	Procedure	HCPCS
J0592	Injection, buprenorphine HCl, 0.1 mg	Procedure	HCPCS
T40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.0X1D	Poisoning by opium, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.0X1S	Poisoning by opium, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 270 of 390



Code	Description	Code Category	Code Type
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.0X3A	Poisoning by opium, assault, initial encounter	Diagnosis	ICD-10-CM
T40.0X3D	Poisoning by opium, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X3S	Poisoning by opium, assault, sequela	Diagnosis	ICD-10-CM
T40.0X4A	Poisoning by opium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X4D	Poisoning by opium, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X4S	Poisoning by opium, undetermined, sequela	Diagnosis	ICD-10-CM
T40.0X5A	Adverse effect of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X5D	Adverse effect of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X5S	Adverse effect of opium, sequela	Diagnosis	ICD-10-CM
T40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.1X2A	Poisoning by heroin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.1X2D	Poisoning by heroin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X2S	Poisoning by heroin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.1X3A	Poisoning by heroin, assault, initial encounter	Diagnosis	ICD-10-CM
T40.1X3D	Poisoning by heroin, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X3S	Poisoning by heroin, assault, sequela	Diagnosis	ICD-10-CM
T40.1X4A	Poisoning by heroin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.1X4D	Poisoning by heroin, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X4S	Poisoning by heroin, undetermined, sequela	Diagnosis	ICD-10-CM
T40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.2X1D	Poisoning by other opioids, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.2X1S	Poisoning by other opioids, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.2X2A	Poisoning by other opioids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.2X2D	Poisoning by other opioids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X2S	Poisoning by other opioids, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.2X3A	Poisoning by other opioids, assault, initial encounter	Diagnosis	ICD-10-CM
T40.2X3D	Poisoning by other opioids, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X3S	Poisoning by other opioids, assault, sequela	Diagnosis	ICD-10-CM
T40.2X4A	Poisoning by other opioids, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.2X4D	Poisoning by other opioids, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X4S	Poisoning by other opioids, undetermined, sequela	Diagnosis	ICD-10-CM
T40.2X5A	Adverse effect of other opioids, initial encounter	Diagnosis	ICD-10-CM
T40.2X5D	Adverse effect of other opioids, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X5S	Adverse effect of other opioids, sequela	Diagnosis	ICD-10-CM
T40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.3X1D	Poisoning by methadone, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.3X1S	Poisoning by methadone, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.3X2A	Poisoning by methadone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.3X2D	Poisoning by methadone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X2S	Poisoning by methadone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.3X3A	Poisoning by methadone, assault, initial encounter	Diagnosis	ICD-10-CM
T40.3X3D	Poisoning by methadone, assault, subsequent encounter	Diagnosis	ICD-10-CM
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cder\_mpl1p\_wp085 Page 271 of 390



Code	Description	<b>Code Category</b>	Code Type
T40.3X3S	Poisoning by methadone, assault, sequela	Diagnosis	ICD-10-CM
T40.3X4A	Poisoning by methadone, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.3X4D	Poisoning by methadone, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X4S	Poisoning by methadone, undetermined, sequela	Diagnosis	ICD-10-CM
T40.3X5A	Adverse effect of methadone, initial encounter	Diagnosis	ICD-10-CM
T40.3X5D	Adverse effect of methadone, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X5S	Adverse effect of methadone, sequela	Diagnosis	ICD-10-CM
T40.411A	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.411D	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.411S	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.412A	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.412D	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.412S	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.413A	Poisoning by fentanyl or fentanyl analogs, assault, initial encounter	Diagnosis	ICD-10-CM
T40.413D	Poisoning by fentanyl or fentanyl analogs, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.413S	Poisoning by fentanyl or fentanyl analogs, assault, sequela	Diagnosis	ICD-10-CM
T40.414A	Poisoning by fentanyl or fentanyl analogs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.414D	Poisoning by fentanyl or fentanyl analogs, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.414S	Poisoning by fentanyl or fentanyl analogs, undetermined, sequela	Diagnosis	ICD-10-CM
T40.415A	Adverse effect of fentanyl or fentanyl analogs, initial encounter	Diagnosis	ICD-10-CM
T40.415D	Adverse effect of fentanyl or fentanyl analogs, subsequent encounter	Diagnosis	ICD-10-CM
T40.415S	Adverse effect of fentanyl or fentanyl analogs, sequela	Diagnosis	ICD-10-CM
T40.421A	Poisoning by tramadol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.421D	Poisoning by tramadol, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.421S	Poisoning by tramadol, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.422A	Poisoning by tramadol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.422D	Poisoning by tramadol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.422S	Poisoning by tramadol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.423A	Poisoning by tramadol, assault, initial encounter	Diagnosis	ICD-10-CM
T40.423D	Poisoning by tramadol, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.423S	Poisoning by tramadol, assault, sequela	Diagnosis	ICD-10-CM
T40.424A	Poisoning by tramadol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.424D	Poisoning by tramadol, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.424S	Poisoning by tramadol, undetermined, sequela	Diagnosis	ICD-10-CM
T40.425A	Adverse effect of tramadol, initial encounter	Diagnosis	ICD-10-CM
T40.425D	Adverse effect of tramadol, subsequent encounter	Diagnosis	ICD-10-CM
T40.425S	Adverse effect of tramadol, sequela	Diagnosis	ICD-10-CM
T40.491A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.491D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.491S	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 272 of 390



ICD-10-CM
ICD-10-CM
ICD-10-CM
ICD-10-CM

cder\_mpl1p\_wp085 Page 273 of 390



Code	Description	Code Category	Code Type
T40.605D	Adverse effect of unspecified narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.605S	Adverse effect of unspecified narcotics, sequela	Diagnosis	ICD-10-CM
T40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.691D	Poisoning by other narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.691S	Poisoning by other narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.692A	Poisoning by other narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.692D	Poisoning by other narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.692S	Poisoning by other narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.693A	Poisoning by other narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.693D	Poisoning by other narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.693S	Poisoning by other narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.694A	Poisoning by other narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.694D	Poisoning by other narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.694S	Poisoning by other narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.695A	Adverse effect of other narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.695D	Adverse effect of other narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.695S	Adverse effect of other narcotics, sequela	Diagnosis	ICD-10-CM
	Stimulant-Related Disorders		
F14	Cocaine related disorders	Diagnosis	ICD-10-CM
F14.1	Cocaine abuse	Diagnosis	ICD-10-CM
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.12	Cocaine abuse with intoxication	Diagnosis	ICD-10-CM
F14.120	Cocaine abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.129	Cocaine abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.13	Cocaine abuse, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.14	Cocaine abuse with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.15	Cocaine abuse with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.18	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.188	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.2	Cocaine dependence	Diagnosis	ICD-10-CM
	Cassing dangerdance uncomplicated	Diagnosis	ICD-10-CM
F14.20	Cocaine dependence, uncomplicated	_	
F14.20 F14.21	Cocaine dependence, in remission	Diagnosis	ICD-10-CM
F14.20 F14.21 F14.22	Cocaine dependence, in remission Cocaine dependence with intoxication	Diagnosis Diagnosis	
F14.20 F14.21	Cocaine dependence, in remission	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 274 of 390



Code	Description	<b>Code Category</b>	Code Type
14.222	Cocaine dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
14.229	Cocaine dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
14.23	Cocaine dependence with withdrawal	Diagnosis	ICD-10-CM
14.24	Cocaine dependence with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
14.25	Cocaine dependence with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
14.28	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
14.280	Cocaine dependence with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
14.281	Cocaine dependence with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
14.282	Cocaine dependence with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
14.288	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
14.29	Cocaine dependence with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
14.9	Cocaine use, unspecified	Diagnosis	ICD-10-CM
14.90	Cocaine use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
14.91	Cocaine use, unspecified, in remission	Diagnosis	ICD-10-CM
14.92	Cocaine use, unspecified with intoxication	Diagnosis	ICD-10-CM
14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
14.93	Cocaine use, unspecified with withdrawal	Diagnosis	ICD-10-CM
14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
14.95	Cocaine use, unspecified with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
14.98	Cocaine use, unspecified with other specified cocaine-induced disorder	Diagnosis	ICD-10-CM
14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
15.10	Other stimulant abuse, uncomplicated	Diagnosis	ICD-10-CM
15.120	Other stimulant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
15.121	Other stimulant abuse with intoxication delirium	Diagnosis	ICD-10-CM
15.122	Other stimulant abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
15.129	Other stimulant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
15.13	Other stimulant abuse with withdrawal	Diagnosis	ICD-10-CM
15.14	Other stimulant abuse with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 275 of 390



Code	Description	Code Category	Code Type
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.188	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.20	Other stimulant dependence, uncomplicated	Diagnosis	ICD-10-CM
F15.220	Other stimulant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.221	Other stimulant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.229	Other stimulant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.23	Other stimulant dependence with withdrawal	Diagnosis	ICD-10-CM
F15.24	Other stimulant dependence with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with	Diagnosis	ICD-10-CM
	delusions		
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with	Diagnosis	ICD-10-CM
	hallucinations		
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.288	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.90	Other stimulant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.921	Other stimulant use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.929	Other stimulant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.93	Other stimulant use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder,	Diagnosis	ICD-10-CM
F15.980	unspecified Other stimulant use, unspecified with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.980 F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CW
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
. 13.33	Cocaine-Related Disorders	2145110013	.55 10 0141
F14	Cocaine related disorders	Diagnosis	ICD-10-CM
F14.1	Cocaine abuse	Diagnosis	ICD-10-CM
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cder\_mpl1p\_wp085 Page 276 of 390



Code	Description	Code Category	Code Type
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.12	Cocaine abuse with intoxication	Diagnosis	ICD-10-CM
F14.120	Cocaine abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.129	Cocaine abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.13	Cocaine abuse, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.14	Cocaine abuse with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.15	Cocaine abuse with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.18	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.188	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.2	Cocaine dependence	Diagnosis	ICD-10-CM
F14.20	Cocaine dependence, uncomplicated	Diagnosis	ICD-10-CM
F14.21	Cocaine dependence, in remission	Diagnosis	ICD-10-CM
F14.22	Cocaine dependence with intoxication	Diagnosis	ICD-10-CM
F14.220	Cocaine dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.221	Cocaine dependence with intoxication delirium	Diagnosis	ICD-10-CM
F14.222	Cocaine dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.229	Cocaine dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.23	Cocaine dependence with withdrawal	Diagnosis	ICD-10-CM
F14.24	Cocaine dependence with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.25	Cocaine dependence with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.28	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.282	Cocaine dependence with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.288	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.29	Cocaine dependence with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.9	Cocaine use, unspecified	Diagnosis	ICD-10-CM
F14.90	Cocaine use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F14.91	Cocaine use, unspecified, in remission	Diagnosis	ICD-10-CM
F14.92	Cocaine use, unspecified with intoxication	Diagnosis	ICD-10-CM
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 277 of 390



Code	Description	Code Category	Code Type
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.93	Cocaine use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.95	Cocaine use, unspecified with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.98	Cocaine use, unspecified with other specified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
	Other Stimulant-Related Disorders		
F15.10	Other stimulant abuse, uncomplicated	Diagnosis	ICD-10-CM
F15.120	Other stimulant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.121	Other stimulant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.129	Other stimulant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.13	Other stimulant abuse with withdrawal	Diagnosis	ICD-10-CM
F15.14	Other stimulant abuse with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.188	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.20	Other stimulant dependence, uncomplicated	Diagnosis	ICD-10-CM
F15.220	Other stimulant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.221	Other stimulant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.229	Other stimulant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.23	Other stimulant dependence with withdrawal	Diagnosis	ICD-10-CM
F15.24	Other stimulant dependence with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 278 of 390



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Code	Description	Code Category	
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.288	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.90	Other stimulant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.921	Other stimulant use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.929	Other stimulant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.93	Other stimulant use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with	Diagnosis	ICD-10-CM
	delusions		
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with	Diagnosis	ICD-10-CM
	hallucinations		
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder,	Diagnosis	ICD-10-CM
	unspecified		
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
	Alcohol-Related Disorders		
F10	Alcohol related disorders	Diagnosis	ICD-10-CM
F10.1	Alcohol abuse	Diagnosis	ICD-10-CM
F10.10	Alcohol abuse, uncomplicated	Diagnosis	ICD-10-CM
F10.11	Alcohol abuse, in remission	Diagnosis	ICD-10-CM
F10.12	Alcohol abuse with intoxication	Diagnosis	ICD-10-CM
F10.120	Alcohol abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.121	Alcohol abuse with intoxication delirium	Diagnosis	ICD-10-CM
F10.129	Alcohol abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.13	Alcohol abuse, with withdrawal	Diagnosis	ICD-10-CM
F10.130	Alcohol abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.131	Alcohol abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F10.132	Alcohol abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.139	Alcohol abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.14	Alcohol abuse with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.15	Alcohol abuse with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.18	Alcohol abuse with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
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cder\_mpl1p\_wp085 Page 279 of 390



	10-PCS) Codes Used to Define Baseline Characteristics in this Request		
Code	Description	Code Category	Code Type
F10.182	Alcohol abuse with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.188	Alcohol abuse with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.2	Alcohol dependence	Diagnosis	ICD-10-CM
F10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
F10.22	Alcohol dependence with intoxication	Diagnosis	ICD-10-CM
F10.220	Alcohol dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
F10.229	Alcohol dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.23	Alcohol dependence with withdrawal	Diagnosis	ICD-10-CM
F10.230	Alcohol dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.231	Alcohol dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.239	Alcohol dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.24	Alcohol dependence with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.25	Alcohol dependence with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.26	Alcohol dependence with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.27	Alcohol dependence with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.28	Alcohol dependence with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.280	Alcohol dependence with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.281	Alcohol dependence with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.282	Alcohol dependence with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.288	Alcohol dependence with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.29	Alcohol dependence with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.9	Alcohol use, unspecified	Diagnosis	ICD-10-CM
F10.90	Alcohol use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F10.91	Alcohol use, unspecified, in remission	Diagnosis	ICD-10-CM
F10.92	Alcohol use, unspecified with intoxication	Diagnosis	ICD-10-CM
F10.920	Alcohol use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.921	Alcohol use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F10.929	Alcohol use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.93	Alcohol use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F10.930	Alcohol use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.931	Alcohol use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F10.932	Alcohol use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.939	Alcohol use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.94	Alcohol use, unspecified with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.95	Alcohol use, unspecified with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 280 of 390



Code	L0-PCS) Codes Used to Define Baseline Characteristics in this Request  Description	Code Category	Code Type
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.98	Alcohol use, unspecified with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.988	Alcohol use, unspecified with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
110.99	Cannabis-Related Disorders	Diagnosis	ICD-10-CIVI
F12	Cannabis related disorders	Diagnosis	ICD-10-CM
F12.1	Cannabis abuse	Diagnosis	ICD-10-CM
F12.10	Cannabis abuse, uncomplicated	Diagnosis	ICD-10-CM
F12.11	Cannabis abuse, in remission	Diagnosis	ICD-10-CM
F12.12	Cannabis abuse with intoxication	Diagnosis	ICD-10-CM
F12.120	Cannabis abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.121	Cannabis abuse with intoxication delirium	Diagnosis	ICD-10-CM
F12.122	Cannabis abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.129	Cannabis abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.13	Cannabis abuse with withdrawal	Diagnosis	ICD-10-CM
F12.15	Cannabis abuse with psychotic disorder	Diagnosis	ICD-10-CM
F12.150	Cannabis abuse with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.151	Cannabis abuse with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.159	Cannabis abuse with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.18	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.188	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.2	Cannabis dependence	Diagnosis	ICD-10-CM
F12.20	Cannabis dependence, uncomplicated	Diagnosis	ICD-10-CM
F12.21	Cannabis dependence, in remission	Diagnosis	ICD-10-CM
F12.22	Cannabis dependence with intoxication	Diagnosis	ICD-10-CM
F12.220	Cannabis dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.221	Cannabis dependence with intoxication delirium	Diagnosis	ICD-10-CM
F12.222	Cannabis dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.229	Cannabis dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.23	Cannabis dependence with withdrawal	Diagnosis	ICD-10-CM
F12.25	Cannabis dependence with psychotic disorder	Diagnosis	ICD-10-CM
F12.250	Cannabis dependence with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.251	Cannabis dependence with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.259	Cannabis dependence with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.28	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.288	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
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cder\_mpl1p\_wp085 Page 281 of 390



	O-PCS) Codes Used to Define Baseline Characteristics in this Request	CI- C :	C-d-T
Code	Description	Code Category	
F12.9	Cannabis use, unspecified	Diagnosis	ICD-10-CM
F12.90	Cannabis use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F12.91	Cannabis use, unspecified, in remission	Diagnosis	ICD-10-CM
F12.92	Cannabis use, unspecified with intoxication	Diagnosis	ICD-10-CM
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.921	Cannabis use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.929	Cannabis use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.93	Cannabis use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F12.95	Cannabis use, unspecified with psychotic disorder	Diagnosis	ICD-10-CM
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.98	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.980	Cannabis use, unspecified with anxiety disorder	Diagnosis	ICD-10-CM
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
	Tobacco-Related Disorders		
F17	Nicotine dependence	Diagnosis	ICD-10-CM
F17.2	Nicotine dependence	Diagnosis	ICD-10-CM
F17.20	Nicotine dependence, unspecified	Diagnosis	ICD-10-CM
F17.200	Nicotine dependence, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F17.201	Nicotine dependence, unspecified, in remission	Diagnosis	ICD-10-CM
F17.203	Nicotine dependence unspecified, with withdrawal	Diagnosis	ICD-10-CM
F17.208	Nicotine dependence, unspecified, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.209	Nicotine dependence, unspecified, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.21	Nicotine dependence, cigarettes	Diagnosis	ICD-10-CM
F17.210	Nicotine dependence, cigarettes, uncomplicated	Diagnosis	ICD-10-CM
F17.211	Nicotine dependence, cigarettes, in remission	Diagnosis	ICD-10-CM
F17.213	Nicotine dependence, cigarettes, with withdrawal	Diagnosis	ICD-10-CM
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.22	Nicotine dependence, chewing tobacco	Diagnosis	ICD-10-CM
F17.220	Nicotine dependence, chewing tobacco, uncomplicated	Diagnosis	ICD-10-CM
F17.221	Nicotine dependence, chewing tobacco, in remission	Diagnosis	ICD-10-CM
F17.223	Nicotine dependence, chewing tobacco, with withdrawal	Diagnosis	ICD-10-CM
F17.228	Nicotine dependence, chewing tobacco, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.229	Nicotine dependence, chewing tobacco, with unspecified nicotine-induced	Diagnosis	ICD-10-CM
	disorders	<u> </u>	
F17.29	Nicotine dependence, other tobacco product	Diagnosis	ICD-10-CM
F17.290	Nicotine dependence, other tobacco product, uncomplicated	Diagnosis	ICD-10-CM
F17.291	Nicotine dependence, other tobacco product, in remission	Diagnosis	ICD-10-CM
F17.293	Nicotine dependence, other tobacco product, with withdrawal	Diagnosis	ICD-10-CM
F17.298	Nicotine dependence, other tobacco product, with without with other nicotine-induced	Diagnosis	ICD-10-CM
. 17.230	disorders	2145110313	.55 10 0141
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cder\_mpl1p\_wp085 Page 282 of 390



Code	Description	<b>Code Category</b>	Code Type
17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced	Diagnosis	ICD-10-CM
	disorders		
4990	Nicotine patches, legend	Procedure	HCPCS
4991	Nicotine patches, non-legend	Procedure	HCPCS
J07.0	Vaping related disorder	Diagnosis	ICD-10-CM
287891	Personal history of nicotine dependence	Diagnosis	ICD-10-CM
	Nicotine Use Excluding Tobacco-Related Disorders		
S8455	Current tobacco smoker	Procedure	HCPCS
68456	Current smokeless tobacco user	Procedure	HCPCS
38686	Currently a tobacco smoker or current exposure to secondhand smoke	Procedure	HCPCS
38688	Currently a smokeless tobacco user (eg, chew, snuff) and no exposure to	Procedure	HCPCS
	secondhand smoke		
8690	Current tobacco smoker or current exposure to secondhand smoke	Procedure	HCPCS
68692	Current smokeless tobacco user (eg, chew, snuff) and no exposure to	Procedure	HCPCS
	secondhand smoke		
9276	Documentation that patient is a current tobacco user	Procedure	HCPCS
9458	Patient documented as tobacco user and received tobacco cessation	Procedure	HCPCS
	intervention (must include at least one of the following: advice given to quit		
	smoking or tobacco use, counseling on the benefits of q		
9645	Patients who did not abstain from smoking prior to anesthesia on the day of	Procedure	HCPCS
	surgery or procedure		
9792	Most recent tobacco status is not tobacco free	Procedure	HCPCS
9902	Patient screened for tobacco use and identified as a tobacco user	Procedure	HCPCS
720	Tobacco use	Diagnosis	ICD-10-CM
-	Unintentional or Undetermined Poisoning by Broad Category		
42.4X1	Poisoning by benzodiazepines, accidental (unintentional)	Diagnosis	ICD-10-CM
42.4X1A	Poisoning by benzodiazepines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
42.4X1S	Poisoning by benzodiazepines, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
42.4X1D	Poisoning by benzodiazepines, accidental (unintentional), subsequent encounter	=	ICD-10-CM
42.4X4	Poisoning by benzodiazepines, undetermined	Diagnosis	ICD-10-CM
42.4X4A	Poisoning by benzodiazepines, undetermined, initial encounter	Diagnosis	ICD-10-CM
42.4X4S	Poisoning by benzodiazepines, undetermined, sequela	Diagnosis	ICD-10-CM
42.4X4D	Poisoning by benzodiazepines, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
40.7X1	Poisoning by cannabis (derivatives), accidental (unintentional)	Diagnosis	ICD-10-CM
40.7X1A	Poisoning by cannabis (derivatives), accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.7X1S	Poisoning by cannabis (derivatives), accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.7X1D	Poisoning by cannabis (derivatives), accidental (unintentional), subsequent	Diagnosis	ICD-10-CM
	encounter	-	
40.7X4	Poisoning by cannabis (derivatives), undetermined	Diagnosis	ICD-10-CM
40.7X4A	Poisoning by cannabis (derivatives), undetermined, initial encounter	Diagnosis	ICD-10-CM
40.7X4S	Poisoning by cannabis (derivatives), undetermined, sequela	Diagnosis	ICD-10-CM
40.7X4D	Poisoning by cannabis (derivatives), undetermined, subsequent encounter	Diagnosis	ICD-10-CM
	Poisoning by cannabis, undetermined	Diagnosis	ICD-10-CM
40.714	1 olsoffing by cumuols, undetermined	•	
40.714 40.714A	Poisoning by cannabis, undetermined, initial encounter	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 283 of 390



Code	Description	<b>Code Category</b>	Code Type
T40.714D	Poisoning by cannabis, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.721	Poisoning by synthetic cannabinoids, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.721A	Poisoning by synthetic cannabinoids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
Γ40.721S	Poisoning by synthetic cannabinoids, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
Γ40.721D	Poisoning by synthetic cannabinoids, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
Γ40.724	Poisoning by synthetic cannabinoids, undetermined	Diagnosis	ICD-10-CM
Г40.724А	Poisoning by synthetic cannabinoids, undetermined, initial encounter	Diagnosis	ICD-10-CM
Γ40.724S	Poisoning by synthetic cannabinoids, undetermined, sequela	Diagnosis	ICD-10-CM
Γ40.724D	Poisoning by synthetic cannabinoids, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
Γ40.8X1A	Poisoning by lysergide [LSD], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
Г40.8X4A	Poisoning by lysergide [LSD], undetermined, initial encounter	Diagnosis	ICD-10-CM
Г40.901А	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
Г40.991А	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
Г40.994А	Poisoning by other psychodysleptics [hallucinogens], undetermined, initial encounter	Diagnosis	ICD-10-CM
40.904A	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, initial encounter	Diagnosis	ICD-10-CM
Γ40.5X1	Poisoning by cocaine, accidental (unintentional)	Diagnosis	ICD-10-CM
40.5X1A	Poisoning by cocaine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.5X1D	Poisoning by cocaine, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.5X1S	Poisoning by cocaine, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
43.601	Poisoning by unspecified psychostimulants, accidental (unintentional)	Diagnosis	ICD-10-CM
43.601A	Poisoning by unspecified psychostimulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
Γ43.601D	Poisoning by unspecified psychostimulants, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
43.6015	Poisoning by unspecified psychostimulants, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
43.621	Poisoning by amphetamines, accidental (unintentional)	Diagnosis	ICD-10-CM
43.621A	Poisoning by amphetamines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
43.621D	Poisoning by amphetamines, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
43.6215	Poisoning by amphetamines, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
43.631	Poisoning by methylphenidate, accidental (unintentional)	Diagnosis	ICD-10-CM
43.631A	Poisoning by methylphenidate, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
43.631D	Poisoning by methylphenidate, accidental (unintentional), subsequent encounter	=	ICD-10-CM
43.6315	Poisoning by methylphenidate, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
43.641	Poisoning by ecstasy, accidental (unintentional)	Diagnosis	ICD-10-CM
43.641A	Poisoning by ecstasy, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
43.641D	Poisoning by ecstasy, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T43.641S	Poisoning by ecstasy, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
Г43.651	Poisoning by methamphetamines accidental (unintentional)	Diagnosis	ICD-10-CM
Г43.651A	Poisoning by methamphetamines accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 284 of 390



Code	Description	Code Category	Code Type
T43.651D	Poisoning by methamphetamines accidental (unintentional), subsequent	Diagnosis	ICD-10-CM
	encounter		
43.6518	Poisoning by methamphetamines accidental (unintentional), sequela	Diagnosis	ICD-10-CM
43.691	Poisoning by other psychostimulants, accidental (unintentional)	Diagnosis	ICD-10-CM
43.691A	Poisoning by other psychostimulants, accidental (unintentional), initial	Diagnosis	ICD-10-CM
43.691D	Poisoning by other psychostimulants, accidental (unintentional), subsequent	Diagnosis	ICD-10-CM
	encounter		
43.6918	Poisoning by other psychostimulants, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.5X4	Poisoning by cocaine, undetermined	Diagnosis	ICD-10-CM
40.5X4A	Poisoning by cocaine, undetermined, initial encounter	Diagnosis	ICD-10-CM
40.5X4D	Poisoning by cocaine, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
40.5X4S	Poisoning by cocaine, undetermined, sequela	Diagnosis	ICD-10-CM
43.604	Poisoning by unspecified psychostimulants, undetermined	Diagnosis	ICD-10-CM
43.604A	Poisoning by unspecified psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
43.604D	Poisoning by unspecified psychostimulants, undetermined, subsequent	Diagnosis	ICD-10-CM
43.6045	Poisoning by unspecified psychostimulants, undetermined, sequela	Diagnosis	ICD-10-CM
43.624	Poisoning by amphetamines, undetermined	Diagnosis	ICD-10-CM
43.624A	Poisoning by amphetamines, undetermined, initial encounter	Diagnosis	ICD-10-CM
43.624D	Poisoning by amphetamines, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
43.6245	Poisoning by amphetamines, undetermined, sequela	Diagnosis	ICD-10-CM
43.634	Poisoning by methylphenidate, undetermined	Diagnosis	ICD-10-CM
43.634A	Poisoning by methylphenidate, undetermined, initial encounter	Diagnosis	ICD-10-CM
43.634D	Poisoning by methylphenidate, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
43.6345	Poisoning by methylphenidate, undetermined, sequela	Diagnosis	ICD-10-CM
43.644	Poisoning by ecstasy, undetermined	Diagnosis	ICD-10-CM
43.644A	Poisoning by ecstasy, undetermined, initial encounter	Diagnosis	ICD-10-CM
43.644D	Poisoning by ecstasy, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
43.6445	Poisoning by ecstasy, undetermined, sequela	Diagnosis	ICD-10-CM
43.654	Poisoning by methamphetamines, undetermined	Diagnosis	ICD-10-CM
43.654A	Poisoning by methamphetamines, undetermined, initial encounter	Diagnosis	ICD-10-CM
43.654D	Poisoning by methamphetamines, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
43.6548	Poisoning by methamphetamines, undetermined, sequela	Diagnosis	ICD-10-CM
43.694	Poisoning by other psychostimulants, undetermined	Diagnosis	ICD-10-CM
43.694A	Poisoning by other psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
43.694D	Poisoning by other psychostimulants, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
43.6945	Poisoning by other psychostimulants, undetermined, sequela	Diagnosis	ICD-10-CM
40.0X1	Poisoning by opium, accidental (unintentional)	Diagnosis	ICD-10-CM
40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.0X1D	Poisoning by opium, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.0X1S	Poisoning by opium, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.1X1	Poisoning by heroin, accidental (unintentional)	Diagnosis	ICD-10-CM
40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.2X1	Poisoning by other opioids, accidental (unintentional)	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 285 of 390



Code	Description	Code Category	Code Type
Γ40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.2X1D	Poisoning by other opioids, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.2X1S	Poisoning by other opioids, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
Γ40.3X1	Poisoning by methadone, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.3X1D	Poisoning by methadone, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
Γ40.3X1S	Poisoning by methadone, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.411	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional)	Diagnosis	ICD-10-CM
Г40.411А	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
Γ40.411D	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.4115	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.421	Poisoning by tramadol, accidental (unintentional)	Diagnosis	ICD-10-CM
40.421A	Poisoning by tramadol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.421D	Poisoning by tramadol, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.4218	Poisoning by tramadol, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.491	Poisoning by other synthetic narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
40.491A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.491D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.4918	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.4X1	Poisoning by other synthetic narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
40.4X1A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.4X1D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.4X1S	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.601	Poisoning by unspecified narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
40.601A	Poisoning by unspecified narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.601D	Poisoning by unspecified narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.601S	Poisoning by unspecified narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.691	Poisoning by other narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.691D	Poisoning by other narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.6918	Poisoning by other narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.694	Poisoning by other narcotics, undetermined	Diagnosis	ICD-10-CM
40.694A	Poisoning by other narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
40.694D	Poisoning by other narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
40.6945	Poisoning by other narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
40.604	Poisoning by unspecified narcotics, undetermined	Diagnosis	ICD-10-CM
40.604A	Poisoning by unspecified narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 286 of 390



Code	Description	<b>Code Category</b>	Code Type
T40.604S	Poisoning by unspecified narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.4X4	Poisoning by other synthetic narcotics, undetermined	Diagnosis	ICD-10-CM
T40.4X4A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.4X4D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X4S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.494	Poisoning by other synthetic narcotics, undetermined	Diagnosis	ICD-10-CM
T40.494A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.494D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.494S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.424	Poisoning by tramadol, undetermined	Diagnosis	ICD-10-CM
T40.424A	Poisoning by tramadol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.424D	Poisoning by tramadol, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.424S	Poisoning by tramadol, undetermined, sequela	Diagnosis	ICD-10-CM
T40.414	Poisoning by fentanyl or fentanyl analogs, undetermined	Diagnosis	ICD-10-CM
T40.414A	Poisoning by fentanyl or fentanyl analogs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.414D	Poisoning by fentanyl or fentanyl analogs, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.414S	Poisoning by fentanyl or fentanyl analogs, undetermined, sequela	Diagnosis	ICD-10-CM
T40.0X4	Poisoning by opium, undetermined	Diagnosis	ICD-10-CM
T40.0X4A	Poisoning by opium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X4D	Poisoning by opium, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X4S	Poisoning by opium, undetermined, sequela	Diagnosis	ICD-10-CM
T40.3X4	Poisoning by methadone, undetermined	Diagnosis	ICD-10-CM
T40.3X4A	Poisoning by methadone, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.3X4D	Poisoning by methadone, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X4S	Poisoning by methadone, undetermined, sequela	Diagnosis	ICD-10-CM
T40.2X4	Poisoning by other opioids, undetermined	Diagnosis	ICD-10-CM
T40.2X4A	Poisoning by other opioids, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.2X4D	Poisoning by other opioids, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X4S	Poisoning by other opioids, undetermined, sequela	Diagnosis	ICD-10-CM
T40.1X4	Poisoning by heroin, undetermined	Diagnosis	ICD-10-CM
T40.1X4A	Poisoning by heroin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.1X4D	Poisoning by heroin, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X4S	Poisoning by heroin, undetermined, sequela	Diagnosis	ICD-10-CM
	Opioid Poisoning or Unintentional or Undetermined Intent		
T40.0X1	Poisoning by opium, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.0X1D	Poisoning by opium, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.0X1S	Poisoning by opium, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.1X1	Poisoning by heroin, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.2X1	Poisoning by other opioids, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.2X1D	Poisoning by other opioids, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 287 of 390



Code	Description	Code Category	Code Type
T40.2X1S	Poisoning by other opioids, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
Γ40.3X1	Poisoning by methadone, accidental (unintentional)	Diagnosis	ICD-10-CM
Γ40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
Γ40.3X1D	Poisoning by methadone, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
Γ40.3X1S	Poisoning by methadone, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
Γ40.411	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.411A	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
Γ40.411D	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
Γ40.411S	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
Γ40.421	Poisoning by tramadol, accidental (unintentional)	Diagnosis	ICD-10-CM
Γ40.421A	Poisoning by tramadol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
Γ40.421D	Poisoning by tramadol, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.421S	Poisoning by tramadol, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
740.491	Poisoning by other synthetic narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
Г40.491А	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.491D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.4918	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.4X1	Poisoning by other synthetic narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
Γ40.4X1A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
Γ40.4X1D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.4X1S	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.601	Poisoning by unspecified narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
40.601A	Poisoning by unspecified narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.601D	Poisoning by unspecified narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.6015	Poisoning by unspecified narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.691	Poisoning by other narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
40.691D	Poisoning by other narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
40.6918	Poisoning by other narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.694	Poisoning by other narcotics, undetermined	Diagnosis	ICD-10-CM
40.694A	Poisoning by other narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
40.694D	Poisoning by other narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.694S	Poisoning by other narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
Γ40.604	Poisoning by unspecified narcotics, undetermined	Diagnosis	ICD-10-CM
T40.604A	Poisoning by unspecified narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
Γ40.604D	Poisoning by unspecified narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.604S	Poisoning by unspecified narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
Γ40.4X4	Poisoning by other synthetic narcotics, undetermined	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 288 of 390



Code	Description	<b>Code Category</b>	Code Type
T40.4X4A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.4X4D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X4S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.494	Poisoning by other synthetic narcotics, undetermined	Diagnosis	ICD-10-CM
T40.494A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.494D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.494S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.424	Poisoning by tramadol, undetermined	Diagnosis	ICD-10-CM
T40.424A	Poisoning by tramadol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.424D	Poisoning by tramadol, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.424S	Poisoning by tramadol, undetermined, sequela	Diagnosis	ICD-10-CM
T40.414	Poisoning by fentanyl or fentanyl analogs, undetermined	Diagnosis	ICD-10-CM
T40.414A	Poisoning by fentanyl or fentanyl analogs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.414D	Poisoning by fentanyl or fentanyl analogs, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.414S	Poisoning by fentanyl or fentanyl analogs, undetermined, sequela	Diagnosis	ICD-10-CM
T40.0X4	Poisoning by opium, undetermined	Diagnosis	ICD-10-CM
T40.0X4A	Poisoning by opium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X4D	Poisoning by opium, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X4S	Poisoning by opium, undetermined, sequela	Diagnosis	ICD-10-CM
T40.3X4	Poisoning by methadone, undetermined	Diagnosis	ICD-10-CM
T40.3X4A	Poisoning by methadone, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.3X4D	Poisoning by methadone, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X4S	Poisoning by methadone, undetermined, sequela	Diagnosis	ICD-10-CM
T40.2X4	Poisoning by other opioids, undetermined	Diagnosis	ICD-10-CM
T40.2X4A	Poisoning by other opioids, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.2X4D	Poisoning by other opioids, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X4S	Poisoning by other opioids, undetermined, sequela	Diagnosis	ICD-10-CM
T40.1X4	Poisoning by heroin, undetermined	Diagnosis	ICD-10-CM
T40.1X4A	Poisoning by heroin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.1X4D	Poisoning by heroin, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X4S	Poisoning by heroin, undetermined, sequela	Diagnosis	ICD-10-CM
	Stimulant Poisoning or Unintentional or Undetermined Intent		
T40.5X1	Poisoning by cocaine, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.5X1A	Poisoning by cocaine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.5X1D	Poisoning by cocaine, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.5X1S	Poisoning by cocaine, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.5X4	Poisoning by cocaine, undetermined	Diagnosis	ICD-10-CM
T40.5X4A	Poisoning by cocaine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.5X4D	Poisoning by cocaine, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X4S	Poisoning by cocaine, undetermined, sequela	Diagnosis	ICD-10-CM
T43.601	Poisoning by unspecified psychostimulants, accidental (unintentional)	Diagnosis	ICD-10-CM
T43.601A	Poisoning by unspecified psychostimulants, accidental (unintentional), initial	Diagnosis	ICD-10-CM
	encounter		
T43.601D	Poisoning by unspecified psychostimulants, accidental (unintentional),	Diagnosis	ICD-10-CM
	subsequent encounter		

cder\_mpl1p\_wp085 Page 289 of 390



Code	Description	Code Category	Code Type
T43.601S	Poisoning by unspecified psychostimulants, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.604	Poisoning by unspecified psychostimulants, undetermined	Diagnosis	ICD-10-CM
T43.604A	Poisoning by unspecified psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.604D	Poisoning by unspecified psychostimulants, undetermined, subsequent	Diagnosis	ICD-10-CM
T43.604S	Poisoning by unspecified psychostimulants, undetermined, sequela	Diagnosis	ICD-10-CM
T43.621	Poisoning by amphetamines, accidental (unintentional)	Diagnosis	ICD-10-CM
T43.621A	Poisoning by amphetamines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.621D	Poisoning by amphetamines, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T43.621S	Poisoning by amphetamines, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.624	Poisoning by amphetamines, undetermined	Diagnosis	ICD-10-CM
T43.624A	Poisoning by amphetamines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.624D	Poisoning by amphetamines, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T43.624S	Poisoning by amphetamines, undetermined, sequela	Diagnosis	ICD-10-CM
T43.631	Poisoning by methylphenidate, accidental (unintentional)	Diagnosis	ICD-10-CM
T43.631A	Poisoning by methylphenidate, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.631D	Poisoning by methylphenidate, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T43.631S	Poisoning by methylphenidate, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.634	Poisoning by methylphenidate, undetermined	Diagnosis	ICD-10-CM
T43.634A	Poisoning by methylphenidate, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.634D	Poisoning by methylphenidate, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T43.634S	Poisoning by methylphenidate, undetermined, sequela	Diagnosis	ICD-10-CM
T43.641	Poisoning by ecstasy, accidental (unintentional)	Diagnosis	ICD-10-CM
T43.641A	Poisoning by ecstasy, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.641D	Poisoning by ecstasy, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T43.641S	Poisoning by ecstasy, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.644	Poisoning by ecstasy, undetermined	Diagnosis	ICD-10-CM
T43.644A	Poisoning by ecstasy, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.644D	Poisoning by ecstasy, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T43.644S	Poisoning by ecstasy, undetermined, sequela	Diagnosis	ICD-10-CM
T43.651	Poisoning by methamphetamines accidental (unintentional)	Diagnosis	ICD-10-CM
T43.651A	Poisoning by methamphetamines accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.651D	Poisoning by methamphetamines accidental (unintentional), subsequent	Diagnosis	ICD-10-CM
	encounter		
T43.651S	Poisoning by methamphetamines accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.654	Poisoning by methamphetamines, undetermined	Diagnosis	ICD-10-CM
T43.654A	Poisoning by methamphetamines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.654D	Poisoning by methamphetamines, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T43.654S	Poisoning by methamphetamines, undetermined, sequela	Diagnosis	ICD-10-CM
T43.691	Poisoning by other psychostimulants, accidental (unintentional)	Diagnosis	ICD-10-CM
T43.691A	Poisoning by other psychostimulants, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T43.691D	Poisoning by other psychostimulants, accidental (unintentional), subsequent	Diagnosis	ICD-10-CM
0.00 ==	encounter	2.00.00.0	
T43.691S	Poisoning by other psychostimulants, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.694	Poisoning by other psychostimulants, undetermined	Diagnosis	ICD-10-CM
T43.694A	Poisoning by other psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 290 of 390



Code	Description	<b>Code Category</b>	Code Type
T43.694D	Poisoning by other psychostimulants, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T43.694S	Poisoning by other psychostimulants, undetermined, sequela	Diagnosis	ICD-10-CM
	Intentional Poisoning by Broad Category		
T42.4X5	Adverse effect of benzodiazepines	Diagnosis	ICD-10-CM
T42.4X5A	Adverse effect of benzodiazepines, initial encounter	Diagnosis	ICD-10-CM
T42.4X5S	Adverse effect of benzodiazepines, sequela	Diagnosis	ICD-10-CM
T42.4X5D	Adverse effect of benzodiazepines, subsequent encounter	Diagnosis	ICD-10-CM
T42.4X3A	Poisoning by benzodiazepines, assault, initial encounter	Diagnosis	ICD-10-CM
T42.4X3S	Poisoning by benzodiazepines, assault, sequela	Diagnosis	ICD-10-CM
T42.4X3D	Poisoning by benzodiazepines, assault, subsequent encounter	Diagnosis	ICD-10-CM
T42.4X2	Poisoning by benzodiazepines, intentional self-harm	Diagnosis	ICD-10-CM
T42.4X2A	Poisoning by benzodiazepines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.4X2S	Poisoning by benzodiazepines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.4X2D	Poisoning by benzodiazepines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.4	Poisoning by, adverse effect of and underdosing of benzodiazepines	Diagnosis	ICD-10-CM
T42.4X	Poisoning by, adverse effect of and underdosing of benzodiazepines	Diagnosis	ICD-10-CM
T42.4X6	Underdosing of benzodiazepines	Diagnosis	ICD-10-CM
T42.4X6A	Underdosing of benzodiazepines, initial encounter	Diagnosis	ICD-10-CM
T42.4X6S	Underdosing of benzodiazepines, sequela	Diagnosis	ICD-10-CM
T42.4X6D	Underdosing of benzodiazepines, subsequent encounter	Diagnosis	ICD-10-CM
T40.715	Adverse effect of cannabis	Diagnosis	ICD-10-CM
T40.7X5	Adverse effect of cannabis (derivatives)	Diagnosis	ICD-10-CM
T40.7X5A	Adverse effect of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM
T40.7X5S	Adverse effect of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
T40.7X5D	Adverse effect of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
T40.715A	Adverse effect of cannabis, initial encounter	Diagnosis	ICD-10-CM
T40.715S	Adverse effect of cannabis, sequela	Diagnosis	ICD-10-CM
T40.715D	Adverse effect of cannabis, subsequent encounter	Diagnosis	ICD-10-CM
T40.725	Adverse effect of synthetic cannabinoids	Diagnosis	ICD-10-CM
T40.725A	Adverse effect of synthetic cannabinoids, initial encounter	Diagnosis	ICD-10-CM
T40.725S	Adverse effect of synthetic cannabinoids, sequela	Diagnosis	ICD-10-CM
T40.725D	Adverse effect of synthetic cannabinoids, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X2	Poisoning by cannabis (derivatives), intentional self-harm	Diagnosis	ICD-10-CM
T40.7X2A	Poisoning by cannabis (derivatives), intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.7X2S	Poisoning by cannabis (derivatives), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.7X2D	Poisoning by cannabis (derivatives), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.712	Poisoning by cannabis, intentional self-harm	Diagnosis	ICD-10-CM
T40.712A	Poisoning by cannabis, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.712S	Poisoning by cannabis, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.712D	Poisoning by cannabis, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.7	Poisoning by, adverse effect of and underdosing of cannabis (derivatives)	Diagnosis	ICD-10-CM
T40.71	Poisoning by, adverse effect of and underdosing of cannabis (derivatives)	Diagnosis	ICD-10-CM
T40.7X	Poisoning by, adverse effect of and underdosing of cannabis (derivatives)	Diagnosis	ICD-10-CM
T40.716	Underdosing of cannabis	Diagnosis	ICD-10-CM
T40.7X6	Underdosing of cannabis (derivatives)	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 291 of 390



Code	Description	<b>Code Category</b>	Code Type
Г40.7Х6А	Underdosing of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM
40.7X6S	Underdosing of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
40.7X6D	Underdosing of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
40.716A	Underdosing of cannabis, initial encounter	Diagnosis	ICD-10-CM
40.716S	Underdosing of cannabis, sequela	Diagnosis	ICD-10-CM
40.716D	Underdosing of cannabis, subsequent encounter	Diagnosis	ICD-10-CM
40.722	Poisoning by synthetic cannabinoids, intentional self-harm	Diagnosis	ICD-10-CM
40.722A	Poisoning by synthetic cannabinoids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.722S	Poisoning by synthetic cannabinoids, intentional self-harm, sequela	Diagnosis	ICD-10-CM
40.722D	Poisoning by synthetic cannabinoids, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
40.72	Poisoning by, adverse effect of and underdosing of synthetic cannabinoids	Diagnosis	ICD-10-CM
40.726	Underdosing of synthetic cannabinoids	Diagnosis	ICD-10-CM
40.726A	Underdosing of synthetic cannabinoids, initial encounter	Diagnosis	ICD-10-CM
40.726S	Underdosing of synthetic cannabinoids, sequela	Diagnosis	ICD-10-CM
40.726D	Underdosing of synthetic cannabinoids, subsequent encounter	Diagnosis	ICD-10-CM
40.8X2A	Poisoning by lysergide [LSD], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.902A	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.992A	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.5X	Poisoning by, adverse effect of and underdosing of cocaine	Diagnosis	ICD-10-CM
40.5X2	Poisoning by cocaine, intentional self-harm	Diagnosis	ICD-10-CM
40.5X2A	Poisoning by cocaine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.5X2D	Poisoning by cocaine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
40.5X2S	Poisoning by cocaine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
40.5X5	Adverse effect of cocaine	Diagnosis	ICD-10-CM
40.5X5A	Adverse effect of cocaine, initial encounter	Diagnosis	ICD-10-CM
40.5X5D	Adverse effect of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
40.5X5S	Adverse effect of cocaine, sequela	Diagnosis	ICD-10-CM
40.5X6	Underdosing of cocaine	Diagnosis	ICD-10-CM
40.5X6A	Underdosing of cocaine, initial encounter	Diagnosis	ICD-10-CM
40.5X6D	Underdosing of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
40.5X6S	Underdosing of cocaine, sequela	Diagnosis	ICD-10-CM
43.60	Poisoning by, adverse effect of and underdosing of unspecified psychostimulant	Diagnosis	ICD-10-CM
43.602	Poisoning by unspecified psychostimulants, intentional self-harm	Diagnosis	ICD-10-CM
43.602A	Poisoning by unspecified psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
43.602D	Poisoning by unspecified psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
43.602S	Poisoning by unspecified psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
43.605	Adverse effect of unspecified psychostimulants	Diagnosis	ICD-10-CM
43.605A	Adverse effect of unspecified psychostimulants, initial encounter	Diagnosis	ICD-10-CM
43.605D	Adverse effect of unspecified psychostimulants, subsequent encounter	Diagnosis	ICD-10-CM
43.605S	Adverse effect of unspecified psychostimulants, sausequent encounter	Diagnosis	ICD-10-CM
-5.0055	Underdosing of unspecified psychostimulants	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 292 of 390



Code	Description	Code Category	Code Type
T43.606A	Underdosing of unspecified psychostimulants, initial encounter	Diagnosis	ICD-10-CM
T43.606D	Underdosing of unspecified psychostimulants, subsequent encounter	Diagnosis	ICD-10-CM
T43.606S	Underdosing of unspecified psychostimulants, sequela	Diagnosis	ICD-10-CM
T43.62	Poisoning by, adverse effect of and underdosing of amphetamines	Diagnosis	ICD-10-CM
T43.622	Poisoning by amphetamines, intentional self-harm	Diagnosis	ICD-10-CM
T43.622A	Poisoning by amphetamines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.622D	Poisoning by amphetamines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.622S	Poisoning by amphetamines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.625	Adverse effect of amphetamines	Diagnosis	ICD-10-CM
T43.625A	Adverse effect of amphetamines, initial encounter	Diagnosis	ICD-10-CM
T43.625D	Adverse effect of amphetamines, subsequent encounter	Diagnosis	ICD-10-CM
T43.625S	Adverse effect of amphetamines, sequela	Diagnosis	ICD-10-CM
T43.626	Underdosing of amphetamines	Diagnosis	ICD-10-CM
T43.626A	Underdosing of amphetamines, initial encounter	Diagnosis	ICD-10-CM
T43.626D	Underdosing of amphetamines, initial encounter	Diagnosis	ICD-10-CM
T43.6265	Underdosing of amphetamines, subsequent encounter  Underdosing of amphetamines, sequela	=	
	Poisoning by, adverse effect of and underdosing of methylphenidate	Diagnosis	ICD-10-CM
T43.63		Diagnosis	ICD-10-CM
T43.632	Poisoning by methylphenidate, intentional self-harm	Diagnosis	ICD-10-CM
T43.632A	Poisoning by methylphenidate, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.632D	Poisoning by methylphenidate, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.632S	Poisoning by methylphenidate, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.635	Adverse effect of methylphenidate	Diagnosis	ICD-10-CM
T43.635A	Adverse effect of methylphenidate, initial encounter	Diagnosis	ICD-10-CM
T43.635D	Adverse effect of methylphenidate, subsequent encounter	Diagnosis	ICD-10-CM
T43.635S	Adverse effect of methylphenidate, sequela	Diagnosis	ICD-10-CM
T43.636	Underdosing of methylphenidate	Diagnosis	ICD-10-CM
T43.636A	Underdosing of methylphenidate, initial encounter	Diagnosis	ICD-10-CM
T43.636D	Underdosing of methylphenidate, subsequent encounter	Diagnosis	ICD-10-CM
T43.636S	Underdosing of methylphenidate, sequela	Diagnosis	ICD-10-CM
T43.64	Poisoning by ecstasy	Diagnosis	ICD-10-CM
T43.642	Poisoning by ecstasy, intentional self-harm	Diagnosis	ICD-10-CM
T43.642A	Poisoning by ecstasy, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.642D	Poisoning by ecstasy, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.642S	Poisoning by ecstasy, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.65	Poisoning by, adverse effect of and underdosing of methamphetamines	Diagnosis	ICD-10-CM
T43.652	Poisoning by methamphetamines intentional self-harm	Diagnosis	ICD-10-CM
T43.652A	Poisoning by methamphetamines intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.652D	Poisoning by methamphetamines intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.652S	Poisoning by methamphetamines intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.655	Adverse effect of methamphetamines	Diagnosis	ICD-10-CM
T43.655A	Adverse effect of methamphetamines, initial encounter	Diagnosis	ICD-10-CM
T43.655D	Adverse effect of methamphetamines, subsequent encounter	Diagnosis	ICD-10-CM
T43.655S	Adverse effect of methamphetamines, sequela	Diagnosis	ICD-10-CM
T43.656	Underdosing of methamphetamines	Diagnosis	ICD-10-CM
T43.656A	Underdosing of methamphetamines, initial encounter	Diagnosis	ICD-10-CM
		=	

cder\_mpl1p\_wp085 Page 293 of 390



Code	Description	Code Category	Code Type
T43.656D	Underdosing of methamphetamines, subsequent encounter	Diagnosis	ICD-10-CM
T43.656S	Underdosing of methamphetamines, sequela	Diagnosis	ICD-10-CM
Г43.69	Poisoning by, adverse effect of and underdosing of other psychostimulants	Diagnosis	ICD-10-CM
T43.692	Poisoning by other psychostimulants, intentional self-harm	Diagnosis	ICD-10-CM
T43.692A	Poisoning by other psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.692D	Poisoning by other psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
Γ43.692S	Poisoning by other psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
Г43.695	Adverse effect of other psychostimulants	Diagnosis	ICD-10-CM
T43.695A	Adverse effect of other psychostimulants, initial encounter	Diagnosis	ICD-10-CM
Г43.695D	Adverse effect of other psychostimulants, subsequent encounter	Diagnosis	ICD-10-CM
Г43.695S	Adverse effect of other psychostimulants, sequela	Diagnosis	ICD-10-CM
T43.696	Underdosing of other psychostimulants	Diagnosis	ICD-10-CM
T43.696A	Underdosing of other psychostimulants, initial encounter	Diagnosis	ICD-10-CM
T43.696D	Underdosing of other psychostimulants, subsequent encounter	Diagnosis	ICD-10-CM
Г43.696S	Underdosing of other psychostimulants, sequela	Diagnosis	ICD-10-CM
Г40.5	Poisoning by, adverse effect of and underdosing of cocaine	Diagnosis	ICD-10-CM
Γ40.0X	Poisoning by, adverse effect of and underdosing of opium	Diagnosis	ICD-10-CM
Γ40.0X2	Poisoning by opium, intentional self-harm	Diagnosis	ICD-10-CM
40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
40.0X5	Adverse effect of opium	Diagnosis	ICD-10-CM
Г40.0X5A	Adverse effect of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X5D	Adverse effect of opium, subsequent encounter	Diagnosis	ICD-10-CM
Γ40.0X5S	Adverse effect of opium, sequela	Diagnosis	ICD-10-CM
T40.0X6	Underdosing of opium	Diagnosis	ICD-10-CM
Г40.0X6A	Underdosing of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X6D	Underdosing of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X6S	Underdosing of opium, sequela	Diagnosis	ICD-10-CM
Γ40.1X	Poisoning by and adverse effect of heroin	Diagnosis	ICD-10-CM
Γ40.1X2	Poisoning by heroin, intentional self-harm	Diagnosis	ICD-10-CM
Г40.1X2A	Poisoning by heroin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
Γ40.1X2D	Poisoning by heroin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
Γ40.1X2S	Poisoning by heroin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
Γ40.1X5	Adverse effect of heroin	Diagnosis	ICD-10-CM
Γ40.1X5A	Adverse effect of heroin, initial encounter	Diagnosis	ICD-10-CM
Г40.1X5D	Adverse effect of heroin, subsequent encounter	Diagnosis	ICD-10-CM
Γ40.1X5S	Adverse effect of heroin, sequela	Diagnosis	ICD-10-CM
Γ40.2X	Poisoning by, adverse effect of and underdosing of other opioids	Diagnosis	ICD-10-CM
Γ40.2X2	Poisoning by other opioids, intentional self-harm	Diagnosis	ICD-10-CM
Γ40.2X2A	Poisoning by other opioids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
Γ40.2X2D	Poisoning by other opioids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
Γ40.2X2S	Poisoning by other opioids, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.2X5	Adverse effect of other opioids	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 294 of 390



Code	Description	<b>Code Category</b>	Code Type
T40.2X5A	Adverse effect of other opioids, initial encounter	Diagnosis	ICD-10-CM
T40.2X5D	Adverse effect of other opioids, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X5S	Adverse effect of other opioids, sequela	Diagnosis	ICD-10-CM
T40.2X6	Underdosing of other opioids	Diagnosis	ICD-10-CM
T40.2X6A	Underdosing of other opioids, initial encounter	Diagnosis	ICD-10-CM
T40.2X6D	Underdosing of other opioids, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X6S	Underdosing of other opioids, sequela	Diagnosis	ICD-10-CM
T40.3X	Poisoning by, adverse effect of and underdosing of methadone	Diagnosis	ICD-10-CM
T40.3X2	Poisoning by methadone, intentional self-harm	Diagnosis	ICD-10-CM
T40.3X2A	Poisoning by methadone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.3X2D	Poisoning by methadone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X2S	Poisoning by methadone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.3X5	Adverse effect of methadone	Diagnosis	ICD-10-CM
T40.3X5A	Adverse effect of methadone, initial encounter	Diagnosis	ICD-10-CM
T40.3X5D	Adverse effect of methadone, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X5S	Adverse effect of methadone, sequela	Diagnosis	ICD-10-CM
T40.3X6	Underdosing of methadone	Diagnosis	ICD-10-CM
T40.3X6A	Underdosing of methadone, initial encounter	Diagnosis	ICD-10-CM
T40.3X6D	Underdosing of methadone, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X6S	Underdosing of methadone, sequela	Diagnosis	ICD-10-CM
T40.41	Poisoning by, adverse effect of and underdosing of fentanyl or fentanyl analogs	Diagnosis	ICD-10-CM
T40.412	Poisoning by fentanyl or fentanyl analogs, intentional self-harm	Diagnosis	ICD-10-CM
T40.412A	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.412D	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
	encounter		
T40.412S	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.415	Adverse effect of fentanyl or fentanyl analogs	Diagnosis	ICD-10-CM
T40.415A	Adverse effect of fentanyl or fentanyl analogs, initial encounter	Diagnosis	ICD-10-CM
T40.415D	Adverse effect of fentanyl or fentanyl analogs, subsequent encounter	Diagnosis	ICD-10-CM
T40.415S	Adverse effect of fentanyl or fentanyl analogs, sequela	Diagnosis	ICD-10-CM
T40.416	Underdosing of fentanyl or fentanyl analogs	Diagnosis	ICD-10-CM
T40.416A	Underdosing of fentanyl or fentanyl analogs, initial encounter	Diagnosis	ICD-10-CM
T40.416D	Underdosing of fentanyl or fentanyl analogs, subsequent encounter	Diagnosis	ICD-10-CM
T40.416S	Underdosing of fentanyl or fentanyl analogs, sequela	Diagnosis	ICD-10-CM
T40.42	Poisoning by, adverse effect of and underdosing of tramadol	Diagnosis	ICD-10-CM
T40.422	Poisoning by tramadol, intentional self-harm	Diagnosis	ICD-10-CM
T40.422A	Poisoning by tramadol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.422D	Poisoning by tramadol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.422S	Poisoning by tramadol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.425	Adverse effect of tramadol	Diagnosis	ICD-10-CM
	Adverse effect of tramadol, initial encounter	Diagnosis	ICD-10-CM
T40.425A	Adverse effect of traffiadol, fillial effedunter	. 0	
	Adverse effect of tramadol, subsequent encounter	Diagnosis	ICD-10-CM
T40.425A		=	ICD-10-CM ICD-10-CM
T40.425A T40.425D	Adverse effect of tramadol, subsequent encounter	Diagnosis	

cder\_mpl1p\_wp085 Page 295 of 390



Code	Description	Code Category	Code Type
T40.426D	Underdosing of tramadol, subsequent encounter	Diagnosis	ICD-10-CM
T40.426S	Underdosing of tramadol, sequela	Diagnosis	ICD-10-CM
40.49	Poisoning by, adverse effect of and underdosing of other synthetic narcotics	Diagnosis	ICD-10-CM
40.491	Poisoning by other synthetic narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.491A	Poisoning by other synthetic narcotics, accidental (unintentional), initial	Diagnosis	ICD-10-CM
	encounter		
T40.491D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent	Diagnosis	ICD-10-CM
	encounter		
40.4918	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
40.492	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
40.492A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.492D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
	encounter		
40.4925	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
40.495	Adverse effect of other synthetic narcotics	Diagnosis	ICD-10-CM
40.495A	Adverse effect of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
40.495D	Adverse effect of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
40.4958	Adverse effect of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
40.496	Underdosing of other synthetic narcotics	Diagnosis	ICD-10-CM
40.496A	Underdosing of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
40.496D	Underdosing of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
40.4968	Underdosing of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
40.4X	Poisoning by, adverse effect of and underdosing of other synthetic narcotics	Diagnosis	ICD-10-CM
40.4X2	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
Г40.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
	encounter	•	
40.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
40.4X5	Adverse effect of other synthetic narcotics	Diagnosis	ICD-10-CM
40.4X5A	Adverse effect of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
40.4X5D	Adverse effect of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
40.4X5S	Adverse effect of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
40.4X6	Underdosing of other synthetic narcotics	Diagnosis	ICD-10-CM
40.4X6A	Underdosing of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
40.4X6D	Underdosing of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
40.4X6S	Underdosing of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
40.60	Poisoning by, adverse effect of and underdosing of unspecified narcotics	Diagnosis	ICD-10-CM
40.602	Poisoning by unspecified narcotics, intentional self-harm	Diagnosis	ICD-10-CM
40.602A	Poisoning by unspecified narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
40.602D	Poisoning by unspecified narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
40.6025	Poisoning by unspecified narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
40.605	Adverse effect of unspecified narcotics	Diagnosis	ICD-10-CM
40.605A	Adverse effect of unspecified narcotics, initial encounter	Diagnosis	ICD-10-CM
40.605D	Adverse effect of unspecified narcotics, subsequent encounter	Diagnosis	ICD-10-CM
г40.605S	Adverse effect of unspecified narcotics, sausequent effective and adverse effect of unspecified narcotics, sequela	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 296 of 390



Code	0-PCS) Codes Used to Define Baseline Characteristics in this Request  Description	Code Category	Code Type
T40.606	Underdosing of unspecified narcotics	Diagnosis	ICD-10-CM
T40.606A	Underdosing of unspecified narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.606D	Underdosing of unspecified narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.606S	Underdosing of unspecified narcotics, sequela	Diagnosis	ICD-10-CM
T40.69	Poisoning by, adverse effect of and underdosing of other narcotics	Diagnosis	ICD-10-CM
T40.692	Poisoning by other narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.692A	Poisoning by other narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.692D	Poisoning by other narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.692S	Poisoning by other narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.695	Adverse effect of other narcotics	Diagnosis	ICD-10-CM
T40.695A	Adverse effect of other narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.695D	Adverse effect of other narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.695S	Adverse effect of other narcotics, sequela	Diagnosis	ICD-10-CM
T40.696	Underdosing of other narcotics	Diagnosis	ICD-10-CM
T40.696A	Underdosing of other narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.696D	Underdosing of other narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.696S	Underdosing of other narcotics, sequela	Diagnosis	ICD-10-CM
T40.1	Poisoning by and adverse effect of heroin	Diagnosis	ICD-10-CM
T40.3X4	Poisoning by methadone, undetermined	Diagnosis	ICD-10-CM
T40.494	Poisoning by other synthetic narcotics, undetermined	Diagnosis	ICD-10-CM
T40.494A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.494D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.494S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
	Cancer		
C15.3	Malignant neoplasm of upper third of esophagus	Diagnosis	ICD-10-CM
C15.4	Malignant neoplasm of middle third of esophagus	Diagnosis	ICD-10-CM
C15.5	Malignant neoplasm of lower third of esophagus	Diagnosis	ICD-10-CM
C15.8	Malignant neoplasm of overlapping sites of esophagus	Diagnosis	ICD-10-CM
C15.9	Malignant neoplasm of esophagus, unspecified	Diagnosis	ICD-10-CM
C18.0	Malignant neoplasm of cecum	Diagnosis	ICD-10-CM
C18.1	Malignant neoplasm of appendix	Diagnosis	ICD-10-CM
C18.2	Malignant neoplasm of ascending colon	Diagnosis	ICD-10-CM
C18.3	Malignant neoplasm of hepatic flexure	Diagnosis	ICD-10-CM
C18.4	Malignant neoplasm of transverse colon	Diagnosis	ICD-10-CM
C18.5	Malignant neoplasm of splenic flexure	Diagnosis	ICD-10-CM
C18.6	Malignant neoplasm of descending colon	Diagnosis	ICD-10-CM
C18.7	Malignant neoplasm of sigmoid colon	Diagnosis	ICD-10-CM
C18.8	Malignant neoplasm of overlapping sites of colon	Diagnosis	ICD-10-CM
C18.9	Malignant neoplasm of colon, unspecified	Diagnosis	ICD-10-CM
C19	Malignant neoplasm of rectosigmoid junction	Diagnosis	ICD-10-CM
C20	Malignant neoplasm of rectum	Diagnosis	ICD-10-CM
C21.0	Malignant neoplasm of anus, unspecified	Diagnosis	ICD-10-CM
C21.1	Malignant neoplasm of anal canal	Diagnosis	ICD-10-CM
C21.2	Malignant neoplasm of cloacogenic zone	Diagnosis	ICD-10-CM
C21.8	Malignant neoplasm of overlapping sites of rectum, anus and anal canal	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 297 of 390



Code	Description	Code Category	Code Type
C22.3	Angiosarcoma of liver	Diagnosis	ICD-10-CM
C22.4	Other sarcomas of liver	Diagnosis	ICD-10-CM
C22.7	Other specified carcinomas of liver	Diagnosis	ICD-10-CM
C22.8	Malignant neoplasm of liver, primary, unspecified as to type	Diagnosis	ICD-10-CM
C25.0	Malignant neoplasm of head of pancreas	Diagnosis	ICD-10-CM
C25.1	Malignant neoplasm of body of pancreas	Diagnosis	ICD-10-CM
C25.2	Malignant neoplasm of tail of pancreas	Diagnosis	ICD-10-CM
C25.3	Malignant neoplasm of pancreatic duct	Diagnosis	ICD-10-CM
C25.4	Malignant neoplasm of endocrine pancreas	Diagnosis	ICD-10-CM
C25.7	Malignant neoplasm of other parts of pancreas	Diagnosis	ICD-10-CM
C25.8	Malignant neoplasm of overlapping sites of pancreas	Diagnosis	ICD-10-CM
C25.9	Malignant neoplasm of pancreas, unspecified	Diagnosis	ICD-10-CM
C34.00	Malignant neoplasm of unspecified main bronchus	Diagnosis	ICD-10-CM
C34.01	Malignant neoplasm of right main bronchus	Diagnosis	ICD-10-CM
C34.02	Malignant neoplasm of left main bronchus	Diagnosis	ICD-10-CM
C34.10	Malignant neoplasm of upper lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.11	Malignant neoplasm of upper lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.12	Malignant neoplasm of upper lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.2	Malignant neoplasm of middle lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.30	Malignant neoplasm of lower lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.31	Malignant neoplasm of lower lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.32	Malignant neoplasm of lower lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.80	Malignant neoplasm of overlapping sites of unspecified bronchus and lung	Diagnosis	ICD-10-CM
C34.81	Malignant neoplasm of overlapping sites of right bronchus and lung	Diagnosis	ICD-10-CM
C34.82	Malignant neoplasm of overlapping sites of left bronchus and lung	Diagnosis	ICD-10-CM
C34.90	Malignant neoplasm of unspecified part of unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.91	Malignant neoplasm of unspecified part of right bronchus or lung	Diagnosis	ICD-10-CM
C34.92	Malignant neoplasm of unspecified part of left bronchus or lung	Diagnosis	ICD-10-CM
C43.0	Malignant melanoma of lip	Diagnosis	ICD-10-CM
C43.10	Malignant melanoma of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
C43.11	Malignant melanoma of right eyelid, including canthus	Diagnosis	ICD-10-CM
C43.12	Malignant melanoma of left eyelid, including canthus	Diagnosis	ICD-10-CM
C43.20	Malignant melanoma of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
C43.21	Malignant melanoma of right ear and external auricular canal	Diagnosis	ICD-10-CM
C43.22	Malignant melanoma of left ear and external auricular canal	Diagnosis	ICD-10-CM
C43.30	Malignant melanoma of unspecified part of face	Diagnosis	ICD-10-CM
C43.31	Malignant melanoma of nose	Diagnosis	ICD-10-CM
C43.39	Malignant melanoma of other parts of face	Diagnosis	ICD-10-CM
C43.4	Malignant melanoma of scalp and neck	Diagnosis	ICD-10-CM
C43.51	Malignant melanoma of anal skin	Diagnosis	ICD-10-CM
C43.52	Malignant melanoma of skin of breast	Diagnosis	ICD-10-CM
C43.59	Malignant melanoma of other part of trunk	Diagnosis	ICD-10-CM
C43.60	Malignant melanoma of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.61	Malignant melanoma of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.62	Malignant melanoma of left upper limb, including shoulder	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 298 of 390



	0-PCS) Codes Used to Define Baseline Characteristics in this Request		
Code	Description	Code Category	Code Type
C43.70	Malignant melanoma of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C43.71	Malignant melanoma of right lower limb, including hip	Diagnosis	ICD-10-CM
C43.72	Malignant melanoma of left lower limb, including hip	Diagnosis	ICD-10-CM
C43.8	Malignant melanoma of overlapping sites of skin	Diagnosis	ICD-10-CM
C43.9	Malignant melanoma of skin, unspecified	Diagnosis	ICD-10-CM
C50.011	Malignant neoplasm of nipple and areola, right female breast	Diagnosis	ICD-10-CM
C50.012	Malignant neoplasm of nipple and areola, left female breast	Diagnosis	ICD-10-CM
C50.019	Malignant neoplasm of nipple and areola, unspecified female breast	Diagnosis	ICD-10-CM
C50.021	Malignant neoplasm of nipple and areola, right male breast	Diagnosis	ICD-10-CM
C50.022	Malignant neoplasm of nipple and areola, left male breast	Diagnosis	ICD-10-CM
C50.029	Malignant neoplasm of nipple and areola, unspecified male breast	Diagnosis	ICD-10-CM
C50.111	Malignant neoplasm of central portion of right female breast	Diagnosis	ICD-10-CM
C50.112	Malignant neoplasm of central portion of left female breast	Diagnosis	ICD-10-CM
C50.119	Malignant neoplasm of central portion of unspecified female breast	Diagnosis	ICD-10-CM
C50.121	Malignant neoplasm of central portion of right male breast	Diagnosis	ICD-10-CM
C50.122	Malignant neoplasm of central portion of left male breast	Diagnosis	ICD-10-CM
C50.129	Malignant neoplasm of central portion of unspecified male breast	Diagnosis	ICD-10-CM
C50.211	Malignant neoplasm of upper-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.212	Malignant neoplasm of upper-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.221	Malignant neoplasm of upper-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.222	Malignant neoplasm of upper-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.229	Malignant neoplasm of upper-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.311	Malignant neoplasm of lower-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.312	Malignant neoplasm of lower-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.321	Malignant neoplasm of lower-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.322	Malignant neoplasm of lower-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.329	Malignant neoplasm of lower-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.411	Malignant neoplasm of upper-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.412	Malignant neoplasm of upper-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.421	Malignant neoplasm of upper-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.422	Malignant neoplasm of upper-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.429	Malignant neoplasm of upper-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.511	Malignant neoplasm of lower-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.512	Malignant neoplasm of lower-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.521	Malignant neoplasm of lower-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.522	Malignant neoplasm of lower-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.529	Malignant neoplasm of lower-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.611	Malignant neoplasm of axillary tail of right female breast	Diagnosis	ICD-10-CM
C50.612	Malignant neoplasm of axillary tail of left female breast	Diagnosis	ICD-10-CM
C50.619	Malignant neoplasm of axillary tail of unspecified female breast	Diagnosis	ICD-10-CM
C50.621	Malignant neoplasm of axillary tail of right male breast	Diagnosis	ICD-10-CM
CJ0.021	Management reoptusition axiliary tall of right finale preast	Diagnosis	ICD 10-CIVI

cder\_mpl1p\_wp085 Page 299 of 390



Code (ICD	-10-PCS) Codes Used to Define Baseline Characteristics in this Request  Description	Code Category	Code Type
		Code Category	
C50.622	Malignant neoplasm of axillary tail of left male breast	Diagnosis	ICD-10-CM
C50.629	Malignant neoplasm of axillary tail of unspecified male breast	Diagnosis	ICD-10-CM
C50.811	Malignant neoplasm of overlapping sites of right female breast	Diagnosis	ICD-10-CM
C50.812	Malignant neoplasm of overlapping sites of left female breast	Diagnosis	ICD-10-CM
C50.819	Malignant neoplasm of overlapping sites of unspecified female breast	Diagnosis	ICD-10-CM
C50.821	Malignant neoplasm of overlapping sites of right male breast	Diagnosis	ICD-10-CM
C50.822	Malignant neoplasm of overlapping sites of left male breast	Diagnosis	ICD-10-CM
C50.829	Malignant neoplasm of overlapping sites of unspecified male breast	Diagnosis	ICD-10-CM
C50.911	Malignant neoplasm of unspecified site of right female breast	Diagnosis	ICD-10-CM
C50.912	Malignant neoplasm of unspecified site of left female breast	Diagnosis	ICD-10-CM
C50.919	Malignant neoplasm of unspecified site of unspecified female breast	Diagnosis	ICD-10-CM
C50.921	Malignant neoplasm of unspecified site of right male breast	Diagnosis	ICD-10-CM
C50.922	Malignant neoplasm of unspecified site of left male breast	Diagnosis	ICD-10-CM
C50.929	Malignant neoplasm of unspecified site of unspecified male breast	Diagnosis	ICD-10-CM
C53.0	Malignant neoplasm of endocervix	Diagnosis	ICD-10-CM
C53.1	Malignant neoplasm of exocervix	Diagnosis	ICD-10-CM
C53.8	Malignant neoplasm of overlapping sites of cervix uteri	Diagnosis	ICD-10-CM
C53.9	Malignant neoplasm of cervix uteri, unspecified	Diagnosis	ICD-10-CM
C54.0	Malignant neoplasm of isthmus uteri	Diagnosis	ICD-10-CM
C54.1	Malignant neoplasm of endometrium	Diagnosis	ICD-10-CM
C54.2	Malignant neoplasm of myometrium	Diagnosis	ICD-10-CM
C54.3	Malignant neoplasm of fundus uteri	Diagnosis	ICD-10-CM
C54.8	Malignant neoplasm of overlapping sites of corpus uteri	Diagnosis	ICD-10-CM
C54.9	Malignant neoplasm of corpus uteri, unspecified	Diagnosis	ICD-10-CM
C55	Malignant neoplasm of uterus, part unspecified	Diagnosis	ICD-10-CM
C61	Malignant neoplasm of prostate	Diagnosis	ICD-10-CM
C64.1	Malignant neoplasm of right kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.2	Malignant neoplasm of left kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.9	Malignant neoplasm of unspecified kidney, except renal pelvis	Diagnosis	ICD-10-CM
C65.1	Malignant neoplasm of right renal pelvis	Diagnosis	ICD-10-CM
C65.2	Malignant neoplasm of left renal pelvis	Diagnosis	ICD-10-CM
C65.9	Malignant neoplasm of unspecified renal pelvis	Diagnosis	ICD-10-CM
C67.0	Malignant neoplasm of trigone of bladder	Diagnosis	ICD-10-CM
C67.1	Malignant neoplasm of dome of bladder	Diagnosis	ICD-10-CM
C67.2	Malignant neoplasm of lateral wall of bladder	Diagnosis	ICD-10-CM
C67.3	Malignant neoplasm of anterior wall of bladder	Diagnosis	ICD-10-CM
C67.4	Malignant neoplasm of posterior wall of bladder	Diagnosis	ICD-10-CM
C67.5	Malignant neoplasm of bladder neck	Diagnosis	ICD-10-CM
C67.6	Malignant neoplasm of ureteric orifice	Diagnosis	ICD-10-CM
C67.7	Malignant neoplasm of urachus	Diagnosis	ICD-10-CM
C67.8	Malignant neoplasm of overlapping sites of bladder	Diagnosis	ICD-10-CM
C67.9	Malignant neoplasm of bladder, unspecified	Diagnosis	ICD-10-CM
C73	Malignant neoplasm of bladder, dispectived  Malignant neoplasm of thyroid gland	Diagnosis	ICD-10-CM
C74.00	Malignant neoplasm of trivious grants  Malignant neoplasm of cortex of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.00		=	
C/4.UI	Malignant neoplasm of cortex of right adrenal gland	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 300 of 390



Code	Description	Code Category	Code Type
C74.02	Malignant neoplasm of cortex of left adrenal gland	Diagnosis	ICD-10-CM
C74.10	Malignant neoplasm of medulla of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.11	Malignant neoplasm of medulla of right adrenal gland	Diagnosis	ICD-10-CM
C74.12	Malignant neoplasm of medulla of left adrenal gland	Diagnosis	ICD-10-CM
C74.90	Malignant neoplasm of unspecified part of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.91	Malignant neoplasm of unspecified part of right adrenal gland	Diagnosis	ICD-10-CM
C74.92	Malignant neoplasm of unspecified part of left adrenal gland	Diagnosis	ICD-10-CM
C75.0	Malignant neoplasm of parathyroid gland	Diagnosis	ICD-10-CM
C75.1	Malignant neoplasm of pituitary gland	Diagnosis	ICD-10-CM
C75.2	Malignant neoplasm of craniopharyngeal duct	Diagnosis	ICD-10-CM
C75.3	Malignant neoplasm of pineal gland	Diagnosis	ICD-10-CM
C75.4	Malignant neoplasm of carotid body	Diagnosis	ICD-10-CM
C75.5	Malignant neoplasm of aortic body and other paraganglia	Diagnosis	ICD-10-CM
C75.8	Malignant neoplasm with pluriglandular involvement, unspecified	Diagnosis	ICD-10-CM
C75.9	Malignant neoplasm of endocrine gland, unspecified	Diagnosis	ICD-10-CM
C82.00	Follicular lymphoma grade I, unspecified site	Diagnosis	ICD-10-CM
C82.01	Follicular lymphoma grade I, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.02	Follicular lymphoma grade I, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.03	Follicular lymphoma grade I, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.04	Follicular lymphoma grade I, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.05	Follicular lymphoma grade I, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.06	Follicular lymphoma grade I, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.07	Follicular lymphoma grade I, spleen	Diagnosis	ICD-10-CM
C82.08	Follicular lymphoma grade I, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.09	Follicular lymphoma grade I, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.10	Follicular lymphoma grade II, unspecified site	Diagnosis	ICD-10-CM
C82.11	Follicular lymphoma grade II, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.12	Follicular lymphoma grade II, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.13	Follicular lymphoma grade II, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.14	Follicular lymphoma grade II, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.15	Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.16	Follicular lymphoma grade II, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.17	Follicular lymphoma grade II, spleen	Diagnosis	ICD-10-CM
C82.18	Follicular lymphoma grade II, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.19	Follicular lymphoma grade II, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.20	Follicular lymphoma grade III, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.21	Follicular lymphoma grade III, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.22	Follicular lymphoma grade III, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.23	Follicular lymphoma grade III, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.24	Follicular lymphoma grade III, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.25	Follicular lymphoma grade III, unspecified, lymph nodes of inguinal region and	Diagnosis	ICD-10-CM
	lower limb		
C82.26	Follicular lymphoma grade III, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.27	Follicular lymphoma grade III, unspecified, spleen	Diagnosis	ICD-10-CM
C82.28	Follicular lymphoma grade III, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 301 of 390



Code	ystem (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request  Ode Description Code Categor						
C82.29	·		ICD-10-CM				
C82.29 C82.30	Follicular lymphoma grade III, unspecified, extranodal and solid organ sites Follicular lymphoma grade IIIa, unspecified site	Diagnosis Diagnosis	ICD-10-CM				
C82.31		=					
	Follicular lymphoma grade IIIa, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM				
C82.32	Follicular lymphoma grade IIIa, intrathoracic lymph nodes	Diagnosis	ICD-10-CM				
C82.33	Follicular lymphoma grade IIIa, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM				
C82.34	Follicular lymphoma grade IIIa, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM				
C82.35	Follicular lymphoma grade IIIa, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM				
C82.36	Follicular lymphoma grade IIIa, intrapelvic lymph nodes	Diagnosis	ICD-10-CM				
C82.37	Follicular lymphoma grade IIIa, spleen	Diagnosis	ICD-10-CM				
C82.38	Follicular lymphoma grade IIIa, lymph nodes of multiple sites	Diagnosis	ICD-10-CM				
C82.39	Follicular lymphoma grade IIIa, extranodal and solid organ sites	Diagnosis	ICD-10-CM				
C82.40	Follicular lymphoma grade IIIb, unspecified site	Diagnosis	ICD-10-CM				
C82.41	Follicular lymphoma grade IIIb, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM				
C82.42	Follicular lymphoma grade IIIb, intrathoracic lymph nodes	Diagnosis	ICD-10-CM				
C82.43	Follicular lymphoma grade IIIb, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM				
C82.44	Follicular lymphoma grade IIIb, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM				
C82.45	Follicular lymphoma grade IIIb, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM				
C82.46	Follicular lymphoma grade IIIb, intrapelvic lymph nodes	Diagnosis	ICD-10-CM				
C82.47	Follicular lymphoma grade IIIb, spleen	Diagnosis	ICD-10-CM				
C82.48	Follicular lymphoma grade IIIb, lymph nodes of multiple sites	Diagnosis	ICD-10-CM				
C82.49	Follicular lymphoma grade IIIb, extranodal and solid organ sites	Diagnosis	ICD-10-CM				
C82.50	Diffuse follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM				
C82.51	Diffuse follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM				
C82.52	Diffuse follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM				
C82.53	Diffuse follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM				
C82.54	Diffuse follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM				
C82.55	Diffuse follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM				
C82.56	Diffuse follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM				
C82.57	Diffuse follicle center lymphoma, spleen	Diagnosis	ICD-10-CM				
C82.58	Diffuse follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM				
C82.59	Diffuse follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM				
C82.60	Cutaneous follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM				
C82.61	Cutaneous follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM				
C82.62	Cutaneous follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM				
C82.63	Cutaneous follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM				
C82.64	Cutaneous follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM				
C82.65	Cutaneous follicle center lymphoma, lymph nodes of inguinal region and lower	Diagnosis	ICD-10-CM				
	limb	<b>5</b>	-				
C82.66	Cutaneous follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM				
C82.67	Cutaneous follicle center lymphoma, spleen	Diagnosis	ICD-10-CM				
C82.68	Cutaneous follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM				
C82.69	Cutaneous follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM				
C82.80	Other types of follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM				
C82.81	Other types of follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM				
C02.01							

cder\_mpl1p\_wp085 Page 302 of 390



C82.83 Other types of follicular lymphoma, intra-abdominal lymph nodes C82.85 Other types of follicular lymphoma, lymph nodes of axilla and upper limb Diagnosis CD-10-CM C82.85 Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb Other types of follicular lymphoma, lymph nodes C82.86 Other types of follicular lymphoma, intra-abdominal lymph nodes C82.87 Other types of follicular lymphoma, per limb C82.88 Other types of follicular lymphoma, extranodal and soild organ sites Diagnosis CD-10-CM C82.88 Other types of follicular lymphoma, extranodal and soild organ sites Diagnosis CD-10-CM C82.90 Follicular lymphoma, unspecified, unspecified site Diagnosis CD-10-CM C82.91 Follicular lymphoma, unspecified, lymph nodes C82.92 Follicular lymphoma, unspecified, lymph nodes C82.93 Follicular lymphoma, unspecified, lymph nodes C82.94 Follicular lymphoma, unspecified, lymph nodes C82.95 Follicular lymphoma, unspecified, lymph nodes C82.96 Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb Diagnosis CD-10-CM C82.97 Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb Diagnosis CD-10-CM C82.98 Follicular lymphoma, unspecified, spleen C82.99 Follicular lymphoma, unspecified, spleen C82.99 Follicular lymphoma, unspecified, per low	Code	Description	Code Category	Code Type
C82.84 Other types of follicular lymphoma, lymph nodes of axilla and upper limb Diagnosis ICD-10-CM limb limb Diagnosis ICD-10-CM Diagnosis ICD-10				
C82.85 Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb  C82.86 Other types of follicular lymphoma, intrapelvic lymph nodes  C82.87 Other types of follicular lymphoma, spleen  C82.88 Other types of follicular lymphoma, spleen  C82.89 Other types of follicular lymphoma, lymph nodes of multiple sites  C82.89 Other types of follicular lymphoma, lymph nodes of multiple sites  C82.89 Other types of follicular lymphoma, lymph nodes of multiple sites  C82.90 Follicular lymphoma, unspecified, lymph nodes of head, face, and neck  C82.91 Follicular lymphoma, unspecified, lymph nodes of head, face, and neck  C82.92 Follicular lymphoma, unspecified, lymph nodes of head in an unspecified, lymph nodes  C82.93 Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb  C82.94 Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb  C82.95 Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb  C82.96 Follicular lymphoma, unspecified, lymph nodes  C82.97 Follicular lymphoma, unspecified, lymph nodes of multiple sites  C82.98 Follicular lymphoma, unspecified, lymph nodes of multiple sites  C82.99 Follicular lymphoma, unspecified, lymph nodes of multiple sites  C82.99 Follicular lymphoma, unspecified, lymph nodes of multiple sites  C82.99 Follicular lymphoma, unspecified, lymph nodes of multiple sites  C82.99 Follicular lymphoma, unspecified, spleen  C82.99 Follicular lymphoma, unspecified, spleen  C83.00 Small cell B-cell lymphoma, unspecified site  C83.01 Small cell B-cell lymphoma, unspecified site  C83.02 Small cell B-cell lymphoma, unspecified site  C83.03 Small cell B-cell lymphoma, intra-abdominal lymph nodes  C83.04 Small cell B-cell lymphoma, intra-abdominal lymph nodes  C83.05 Small cell B-cell lymphoma, intra-abdominal lymph nodes  C83.06 Small cell B-cell lymphoma, intra-abdominal lymph nodes  C83.07 Small cell B-cell lymphoma, intra-abdominal lymph nodes  C83.11 Mantle cell lymphoma, intra-abdominal lymph nodes  C83.12 Mantle cell l			_	
limb  C82.87 Other types of follicular lymphoma, intrapelvic lymph nodes Diagnosis ICD-10-CM  C82.88 Other types of follicular lymphoma, spleen Diagnosis ICD-10-CM  C82.89 Other types of follicular lymphoma, lymph nodes of multiple sites Diagnosis ICD-10-CM  C82.89 Other types of follicular lymphoma, extranodal and solid organ sites Diagnosis ICD-10-CM  C82.90 Follicular lymphoma, unspecified, unspecified site Diagnosis ICD-10-CM  C82.91 Follicular lymphoma, unspecified, lymph nodes of head, face, and neck Diagnosis ICD-10-CM  C82.92 Follicular lymphoma, unspecified, intra-abdominal lymph nodes Diagnosis ICD-10-CM  C82.93 Follicular lymphoma, unspecified, intra-abdominal lymph nodes Diagnosis ICD-10-CM  C82.94 Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM  C82.95 Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM  C82.96 Follicular lymphoma, unspecified, lymph nodes of multiple sites Diagnosis ICD-10-CM  C82.97 Follicular lymphoma, unspecified, lymph nodes of multiple sites Diagnosis ICD-10-CM  C82.98 Follicular lymphoma, unspecified, extranodal and solid organ sites Diagnosis ICD-10-CM  C82.99 Follicular lymphoma, unspecified, extranodal and solid organ sites Diagnosis ICD-10-CM  C83.00 Small cell B-cell lymphoma, unspecified site Diagnosis ICD-10-CM  C83.01 Small cell B-cell lymphoma, unspecified site Diagnosis ICD-10-CM  C83.02 Small cell B-cell lymphoma, intra-abdominal lymph nodes Diagnosis ICD-10-CM  C83.03 Small cell B-cell lymphoma, intra-abdominal lymph nodes  Small cell B-cell lymphoma, intra-abdominal lymph nodes  Small cell B-cell lymphoma, intra-abdominal lymph nodes  Small cell B-cell lymphoma, intra-place intrapelic lymph nodes  Small cell B-cell lymphoma, intrapelvic lymph nodes  Small			=	
C82.87 Other types of follicular lymphoma, spleen C82.88 Other types of follicular lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C82.90 Follicular lymphoma, unspecified, unspecified site Diagnosis CD-10-CM C82.91 Follicular lymphoma, unspecified, lymph nodes of head, face, and neck Diagnosis CD-10-CM C82.92 Follicular lymphoma, unspecified, lymph nodes of head, face, and neck Diagnosis CD-10-CM C82.93 Follicular lymphoma, unspecified, intra-abdominal lymph nodes Diagnosis CD-10-CM C82.94 Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb Diagnosis CD-10-CM C82.95 Follicular lymphoma, unspecified, lymph nodes of ingular legion and lower limb Diagnosis CD-10-CM C82.96 Follicular lymphoma, unspecified, lymph nodes of ingular legion and lower limb Diagnosis CD-10-CM C82.97 Follicular lymphoma, unspecified, lymph nodes of ingular legion and lower limb Diagnosis CD-10-CM C82.98 Follicular lymphoma, unspecified, lymph nodes of multiple sites Diagnosis CD-10-CM C82.99 Follicular lymphoma, unspecified, lymph nodes of multiple sites Diagnosis CD-10-CM C82.99 Follicular lymphoma, unspecified, extranodal and solid organ sites Diagnosis CD-10-CM C82.99 Follicular lymphoma, unspecified site Diagnosis CD-10-CM C83.00 Small cell B-cell lymphoma, unspecified site Diagnosis CD-10-CM C83.01 Small cell B-cell lymphoma, intrarhoracic lymph nodes Diagnosis CD-10-CM C83.02 Small cell B-cell lymphoma, intra-abdominal lymph nodes Diagnosis CD-10-CM C83.03 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.04 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.05 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.06 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.01 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.02 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.10 Mantle cell lymphoma, lymph nodes of multiple sites Di			J	
C82.87 Other types of follicular lymphoma, spleen C82.88 Other types of follicular lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C82.90 Follicular lymphoma, unspecified, unspecified site Diagnosis CD-10-CM C82.91 Follicular lymphoma, unspecified, lymph nodes of head, face, and neck Diagnosis CD-10-CM C82.92 Follicular lymphoma, unspecified, lymph nodes of head, face, and neck Diagnosis CD-10-CM C82.93 Follicular lymphoma, unspecified, intra-abdominal lymph nodes Diagnosis CD-10-CM C82.94 Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb Diagnosis CD-10-CM C82.95 Follicular lymphoma, unspecified, lymph nodes of ingular legion and lower limb Diagnosis CD-10-CM C82.96 Follicular lymphoma, unspecified, lymph nodes of ingular legion and lower limb Diagnosis CD-10-CM C82.97 Follicular lymphoma, unspecified, lymph nodes of ingular legion and lower limb Diagnosis CD-10-CM C82.98 Follicular lymphoma, unspecified, lymph nodes of multiple sites Diagnosis CD-10-CM C82.99 Follicular lymphoma, unspecified, lymph nodes of multiple sites Diagnosis CD-10-CM C82.99 Follicular lymphoma, unspecified, extranodal and solid organ sites Diagnosis CD-10-CM C82.99 Follicular lymphoma, unspecified site Diagnosis CD-10-CM C83.00 Small cell B-cell lymphoma, unspecified site Diagnosis CD-10-CM C83.01 Small cell B-cell lymphoma, intrarhoracic lymph nodes Diagnosis CD-10-CM C83.02 Small cell B-cell lymphoma, intra-abdominal lymph nodes Diagnosis CD-10-CM C83.03 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.04 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.05 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.06 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.01 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.02 Small cell B-cell lymphoma, lymph nodes of multiple sites Diagnosis CD-10-CM C83.10 Mantle cell lymphoma, lymph nodes of multiple sites Di	C82.86	Other types of follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.89 Other types of follicular lymphoma, extranodal and solid organ sites Diagnosis ICD-10-CM C82.90 Follicular lymphoma, unspecified, unspecified site Diagnosis ICD-10-CM Diagnosis ICD-10-CM Pollicular lymphoma, unspecified, intra-abdominal lymph nodes O biagnosis ICD-10-CM C82.93 Follicular lymphoma, unspecified, intra-abdominal lymph nodes Diagnosis ICD-10-CM C82.93 Follicular lymphoma, unspecified, intra-abdominal lymph nodes O biagnosis ICD-10-CM C82.94 Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM C82.95 Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM C82.96 Follicular lymphoma, unspecified, lymph nodes Of inguinal region and lower limb Diagnosis ICD-10-CM C82.97 Follicular lymphoma, unspecified, lymph nodes Of multiple sites Diagnosis ICD-10-CM C82.99 Follicular lymphoma, unspecified, lymph nodes of multiple sites Diagnosis ICD-10-CM C82.99 Follicular lymphoma, unspecified site Diagnosis ICD-10-CM C83.00 Small cell B-cell lymphoma, unspecified site Diagnosis ICD-10-CM C83.01 Small cell B-cell lymphoma, unspecified site Diagnosis ICD-10-CM C83.02 Small cell B-cell lymphoma, lympch nodes Of head, face, and neck Diagnosis ICD-10-CM C83.02 Small cell B-cell lymphoma, intra-abdominal lymph nodes Diagnosis ICD-10-CM C83.03 Small cell B-cell lymphoma, intra-abdominal lymph nodes Diagnosis ICD-10-CM C83.04 Small cell B-cell lymphoma, lymph nodes of auxilia and upper limb Diagnosis ICD-10-CM C83.05 Small cell B-cell lymphoma, intra-abdominal lymph nodes Diagnosis ICD-10-CM C83.06 Small cell B-cell lymphoma, plymph nodes Of multiple sites Diagnosis ICD-10-CM C83.06 Small cell B-cell lymphoma, extranodal and solid organ sites Diagnosis ICD-10-CM C83.01 Mantle cell lymphoma, plymph nodes of multiple sites Diagnosis ICD-10-CM C83.11 Mantle cell lymphoma, plymph nodes of multiple sites Diagnosis ICD-10-CM C83.11 Mantle cell lymphoma, plymph nodes of multiple sites Diagnosis ICD-10-CM C83.11 Mantle cell lymphoma,	C82.87		Diagnosis	ICD-10-CM
C82.89 Other types of follicular lymphoma, extranodal and solid organ sites Diagnosis ICD-10-CM (282.90 Follicular lymphoma, unspecified, unspecified site Diagnosis ICD-10-CM (282.91 Follicular lymphoma, unspecified, intra-abdominal lymph nodes O biagnosis ICD-10-CM (282.92 Follicular lymphoma, unspecified, intra-abdominal lymph nodes Diagnosis ICD-10-CM (282.93 Follicular lymphoma, unspecified, intra-abdominal lymph nodes O biagnosis ICD-10-CM (282.94 Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM (282.95 Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM (282.96 Follicular lymphoma, unspecified, lymph nodes Of inguinal region and lower limb Diagnosis ICD-10-CM (282.96 Follicular lymphoma, unspecified, lymph nodes Of multiple sites Diagnosis ICD-10-CM (282.99 Follicular lymphoma, unspecified, lymph nodes of multiple sites Diagnosis ICD-10-CM (282.99 Follicular lymphoma, unspecified site Diagnosis ICD-10-CM (283.00 Small cell B-cell lymphoma, unspecified site Diagnosis ICD-10-CM (283.00 Small cell B-cell lymphoma, unspecified site Diagnosis ICD-10-CM (283.01 Small cell B-cell lymphoma, lympch nodes Of head, face, and neck Diagnosis ICD-10-CM (283.01 Small cell B-cell lymphoma, intra-abdominal lymph nodes Diagnosis ICD-10-CM (283.02 Small cell B-cell lymphoma, intra-abdominal lymph nodes Diagnosis ICD-10-CM (283.03 Small cell B-cell lymphoma, intra-abdominal lymph nodes Diagnosis ICD-10-CM (283.04 Small cell B-cell lymphoma, intra-produced Diagnosis ICD-10-CM (283.05 Small cell B-cell lymphoma, intra-produced Diagnosis ICD-10-CM (283.06 Small cell B-cell lymphoma, intra-produced Diagnosis ICD-10-CM (283.07 Small cell B-cell lymphoma, intraphoracic lymph nodes Diagnosis ICD-10-CM (283.07 Small cell B-cell lymphoma, intraphoracic lymph nodes Diagnosis ICD-10-CM (283.07 Small cell B-cell lymphoma, intraphoracic lymph nodes Diagnosis ICD-10-CM (283.10 Mantle cell lymphoma, lymph nodes Of nultiple sites Diagnosis ICD	C82.88		=	ICD-10-CM
C82.91         Follicular lymphoma, unspecified, lymph nodes of head, face, and neck         Diagnosis         ICD-10-CM           C82.92         Follicular lymphoma, unspecified, intra-abdominal lymph nodes         Diagnosis         ICD-10-CM           C82.93         Follicular lymphoma, unspecified, intra-abdominal lymph nodes         Diagnosis         ICD-10-CM           C82.94         Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb         Diagnosis         ICD-10-CM           C82.95         Follicular lymphoma, unspecified, pymph nodes         Diagnosis         ICD-10-CM           C82.96         Follicular lymphoma, unspecified, sypleen         Diagnosis         ICD-10-CM           C82.97         Follicular lymphoma, unspecified, lymph nodes of multiple sites         Diagnosis         ICD-10-CM           C82.99         Follicular lymphoma, unspecified site         Diagnosis         ICD-10-CM           C83.00         Small cell B-cell lymphoma, unspecified site         Diagnosis         ICD-10-CM           C83.01         Small cell B-cell lymphoma, intra-abdominal lymph nodes         Diagnosis         ICD-10-CM           C83.02         Small cell B-cell lymphoma, intra-abdominal lymph nodes         Diagnosis         ICD-10-CM           C83.03         Small cell B-cell lymphoma, intra-abdominal lymph nodes         Diagnosis         ICD-10-CM	C82.89		=	ICD-10-CM
C82.92         Follicular lymphoma, unspecified, intrathoracic lymph nodes         Diagnosis         ICD-10-CM           C82.93         Follicular lymphoma, unspecified, intra-abdominal lymph nodes         Diagnosis         ICD-10-CM           C82.95         Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb         Diagnosis         ICD-10-CM           C82.96         Follicular lymphoma, unspecified, lymph nodes         Diagnosis         ICD-10-CM           C82.97         Follicular lymphoma, unspecified, lymph nodes of multiple sites         Diagnosis         ICD-10-CM           C82.98         Follicular lymphoma, unspecified, extranodal and solid organ sites         Diagnosis         ICD-10-CM           C83.00         Small cell B-cell lymphoma, unspecified site         Diagnosis         ICD-10-CM           C83.01         Small cell B-cell lymphoma, uspecified site         Diagnosis         ICD-10-CM           C83.02         Small cell B-cell lymphoma, intrathoracic lymph nodes         Diagnosis         ICD-10-CM           C83.03         Small cell B-cell lymphoma, jumph nodes of aila and upper limb         Diagnosis         ICD-10-CM           C83.03         Small cell B-cell lymphoma, lymph nodes of aila and upper limb         Diagnosis         ICD-10-CM           C83.05         Small cell B-cell lymphoma, extranodal and solid organ sites         Diagnosis	C82.90	Follicular lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.93         Follicular lymphoma, unspecified, Intra-abdominal lymph nodes         Diagnosis         ICD-10-CM           C82.94         Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb         Diagnosis         ICD-10-CM           C82.95         Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb         Diagnosis         ICD-10-CM           C82.96         Follicular lymphoma, unspecified, spleen         Diagnosis         ICD-10-CM           C82.97         Follicular lymphoma, unspecified, spleen         Diagnosis         ICD-10-CM           C82.98         Follicular lymphoma, unspecified, stranodal and solid organ sites         Diagnosis         ICD-10-CM           C83.00         Small cell B-cell lymphoma, unspecified site         Diagnosis         ICD-10-CM           C83.01         Small cell B-cell lymphoma, jurna nodes of head, face, and neck         Diagnosis         ICD-10-CM           C83.02         Small cell B-cell lymphoma, intra-abdominal lymph nodes         Diagnosis         ICD-10-CM           C83.03         Small cell B-cell lymphoma, lymph nodes of axilla and upper limb         Diagnosis         ICD-10-CM           C83.04         Small cell B-cell lymphoma, intra-abdominal lymph nodes         Diagnosis         ICD-10-CM           C83.05         Small cell B-cell lymphoma, intra-abdominal lymph nodes         Diagnosis <t< td=""><td>C82.91</td><td>Follicular lymphoma, unspecified, lymph nodes of head, face, and neck</td><td>Diagnosis</td><td>ICD-10-CM</td></t<>	C82.91	Follicular lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.94         Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb         Diagnosis         ICD-10-CM           C82.95         Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb         Diagnosis         ICD-10-CM           C82.96         Follicular lymphoma, unspecified, spleen         Diagnosis         ICD-10-CM           C82.97         Follicular lymphoma, unspecified, spleen         Diagnosis         ICD-10-CM           C82.98         Follicular lymphoma, unspecified, extranodal and solid organ sites         Diagnosis         ICD-10-CM           C82.99         Follicular lymphoma, unspecified site         Diagnosis         ICD-10-CM           C83.00         Small cell B-cell lymphoma, unspecified site         Diagnosis         ICD-10-CM           C83.01         Small cell B-cell lymphoma, intrathoracic lymph nodes         Diagnosis         ICD-10-CM           C83.02         Small cell B-cell lymphoma, intra-abdominal lymph nodes         Diagnosis         ICD-10-CM           C83.03         Small cell B-cell lymphoma, lymph nodes of axilla and upper limb         Diagnosis         ICD-10-CM           C83.04         Small cell B-cell lymphoma, lymph nodes of axilla and upper limb         Diagnosis         ICD-10-CM           C83.07         Small cell B-cell lymphoma, intrapelvic lymph nodes         Diagnosis         ICD-10-CM	C82.92	Follicular lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.95         Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb         Diagnosis         ICD-10-CM           C82.96         Follicular lymphoma, unspecified, intrapelvic lymph nodes         Diagnosis         ICD-10-CM           C82.97         Follicular lymphoma, unspecified, spen         Diagnosis         ICD-10-CM           C82.98         Follicular lymphoma, unspecified, lymph nodes of multiple sites         Diagnosis         ICD-10-CM           C82.99         Follicular lymphoma, unspecified site         Diagnosis         ICD-10-CM           C83.00         Small cell B-cell lymphoma, lymph nodes of head, face, and neck         Diagnosis         ICD-10-CM           C83.01         Small cell B-cell lymphoma, intra-abdominal lymph nodes         Diagnosis         ICD-10-CM           C83.03         Small cell B-cell lymphoma, lymph nodes of axilla and upper limb         Diagnosis         ICD-10-CM           C83.04         Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb         Diagnosis         ICD-10-CM           C83.06         Small cell B-cell lymphoma, jymph nodes of inguinal region and lower limb         Diagnosis         ICD-10-CM           C83.07         Small cell B-cell lymphoma, intrapelvic lymph nodes         Diagnosis         ICD-10-CM           C83.08         Small cell B-cell lymphoma, extranodal and solid organ sites         Dia	C82.93	Follicular lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.96Follicular lymphoma, unspecified, intrapelvic lymph nodesDiagnosisICD-10-CMC82.97Follicular lymphoma, unspecified, spleenDiagnosisICD-10-CMC82.98Follicular lymphoma, unspecified, lymph nodes of multiple sitesDiagnosisICD-10-CMC82.99Follicular lymphoma, unspecified, extranodal and solid organ sitesDiagnosisICD-10-CMC83.00Small cell B-cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.01Small cell B-cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.02Small cell B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.03Small cell B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.04Small cell B-cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.05Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.06Small cell B-cell lymphoma, pitrapelvic lymph nodesDiagnosisICD-10-CMC83.07Small cell B-cell lymphoma, pitrapelvic lymph nodesDiagnosisICD-10-CMC83.08Small cell B-cell lymphoma, pitrapelvic lymph nodesDiagnosisICD-10-CMC83.10Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.11Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, intra-abdomina	C82.94	Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.97Follicular lymphoma, unspecified, spleenDiagnosisICD-10-CMC82.98Follicular lymphoma, unspecified, lymph nodes of multiple sitesDiagnosisICD-10-CMC82.99Follicular lymphoma, unspecified, extranodal and solid organ sitesDiagnosisICD-10-CMC83.00Small cell B-cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.01Small cell B-cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.02Small cell B-cell lymphoma, intra-toracic lymph nodesDiagnosisICD-10-CMC83.03Small cell B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.04Small cell B-cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.05Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.06Small cell B-cell lymphoma, piptenDiagnosisICD-10-CMC83.07Small cell B-cell lymphoma, piptenDiagnosisICD-10-CMC83.08Small cell B-cell lymphoma, piptenDiagnosisICD-10-CMC83.09Small cell B-cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.10Mantle cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.11Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CM </td <td>C82.95</td> <td>Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb</td> <td>Diagnosis</td> <td>ICD-10-CM</td>	C82.95	Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.98       Follicular lymphoma, unspecified, lymph nodes of multiple sites       Diagnosis       ICD-10-CM         C82.99       Follicular lymphoma, unspecified, extranodal and solid organ sites       Diagnosis       ICD-10-CM         C83.00       Small cell B-cell lymphoma, unspecified site       Diagnosis       ICD-10-CM         C83.01       Small cell B-cell lymphoma, intrathoracic lymph nodes       Diagnosis       ICD-10-CM         C83.02       Small cell B-cell lymphoma, intra-abdominal lymph nodes       Diagnosis       ICD-10-CM         C83.03       Small cell B-cell lymphoma, intra-abdominal lymph nodes       Diagnosis       ICD-10-CM         C83.04       Small cell B-cell lymphoma, lymph nodes of axilla and upper limb       Diagnosis       ICD-10-CM         C83.05       Small cell B-cell lymphoma, intrapelvic lymph nodes       Diagnosis       ICD-10-CM         C83.06       Small cell B-cell lymphoma, intrapelvic lymph nodes       Diagnosis       ICD-10-CM         C83.07       Small cell B-cell lymphoma, phymph nodes of multiple sites       Diagnosis       ICD-10-CM         C83.08       Small cell B-cell lymphoma, extranodal and solid organ sites       Diagnosis       ICD-10-CM         C83.10       Mantle cell lymphoma, intrathoracic lymph nodes       Diagnosis       ICD-10-CM         C83.11       Mantle cell lymphoma, intra-abdominal lymp	C82.96	Follicular lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.99Follicular lymphoma, unspecified, extranodal and solid organ sitesDiagnosisICD-10-CMC83.00Small cell B-cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.01Small cell B-cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.02Small cell B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.03Small cell B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.04Small cell B-cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.05Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.06Small cell B-cell lymphoma, intra-pelvic lymph nodesDiagnosisICD-10-CMC83.07Small cell B-cell lymphoma, spleenDiagnosisICD-10-CMC83.08Small cell B-cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.09Small cell B-cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.10Mantle cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.11Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.14Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.15Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.16Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosis <td>C82.97</td> <td>Follicular lymphoma, unspecified, spleen</td> <td>Diagnosis</td> <td>ICD-10-CM</td>	C82.97	Follicular lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C83.00Small cell B-cell lymphoma, unspecified siteDiagnosisICD-10-CM(83.01Small cell B-cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CM(83.02Small cell B-cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CM(83.03Small cell B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CM(83.04Small cell B-cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CM(83.05Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CM(83.06Small cell B-cell lymphoma, spleenDiagnosisICD-10-CM(83.07Small cell B-cell lymphoma, spleenDiagnosisICD-10-CM(83.08Small cell B-cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CM(83.09Small cell B-cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CM(83.10Mantle cell lymphoma, unspecified siteDiagnosisICD-10-CM(83.11Mantle cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CM(83.12Mantle cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CM(83.13Mantle cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CM(83.14Mantle cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CM(83.15Mantle cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CM(83.16Mantle cell lymphoma, intrathoracic lymph nodesDiagnosis	C82.98	Follicular lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.01Small cell B-cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.02Small cell B-cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.03Small cell B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.04Small cell B-cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.05Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.06Small cell B-cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.07Small cell B-cell lymphoma, spleenDiagnosisICD-10-CMC83.08Small cell B-cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.09Small cell B-cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.11Mantle cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.14Mantle cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.15Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.16Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.17Mantle cell lymphoma, spleenDiagnosisICD-10-CMC83.18Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.19	C82.99	Follicular lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.02Small cell B-cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.03Small cell B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.04Small cell B-cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.05Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.06Small cell B-cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.07Small cell B-cell lymphoma, spleenDiagnosisICD-10-CMC83.08Small cell B-cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.09Small cell B-cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.10Mantle cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.11Mantle cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.14Mantle cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.15Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.18Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.19Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.30Diffuse large B-cell lymphoma	C83.00	Small cell B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.03Small cell B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.04Small cell B-cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.05Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.06Small cell B-cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.07Small cell B-cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.08Small cell B-cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.09Small cell B-cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.10Mantle cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.11Mantle cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.14Mantle cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.15Mantle cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.16Mantle cell lymphoma, plymph nodes of multiple sitesDiagnosisICD-10-CMC83.18Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.19Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.31Diffuse large	C83.01	Small cell B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.04Small cell B-cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.05Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.06Small cell B-cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.07Small cell B-cell lymphoma, spleenDiagnosisICD-10-CMC83.08Small cell B-cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.09Small cell B-cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.10Mantle cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.11Mantle cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.14Mantle cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.15Mantle cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.16Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.17Mantle cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.18Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.20Diffuse large B-cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.31Diffuse large B-cell lymphoma,	C83.02	Small cell B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.05Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.06Small cell B-cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.07Small cell B-cell lymphoma, spleenDiagnosisICD-10-CMC83.08Small cell B-cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.09Small cell B-cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.10Mantle cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.11Mantle cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.14Mantle cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.15Mantle cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.16Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.17Mantle cell lymphoma, spleenDiagnosisICD-10-CMC83.18Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.19Mantle cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.30Diffuse large B-cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.31Diffuse large B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CM	C83.03	Small cell B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.06Small cell B-cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.07Small cell B-cell lymphoma, spleenDiagnosisICD-10-CMC83.08Small cell B-cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.09Small cell B-cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.10Mantle cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.11Mantle cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.14Mantle cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.15Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.16Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.17Mantle cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.18Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.19Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.30Diffuse large B-cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.31Diffuse large B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.33Diffuse large B-cell lymphoma, intra-abdominal lymph nodesDiagnosis<	C83.04	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.07Small cell B-cell lymphoma, spleenDiagnosisICD-10-CMC83.08Small cell B-cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.09Small cell B-cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.10Mantle cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.11Mantle cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.14Mantle cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.15Mantle cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.16Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.17Mantle cell lymphoma, spleenDiagnosisICD-10-CMC83.18Mantle cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.19Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.30Diffuse large B-cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.31Diffuse large B-cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.32Diffuse large B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.33Diffuse large B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CM<	C83.05	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.08Small cell B-cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.09Small cell B-cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.10Mantle cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.11Mantle cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.14Mantle cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.15Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.16Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.17Mantle cell lymphoma, spleenDiagnosisICD-10-CMC83.18Mantle cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.19Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.30Diffuse large B-cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.31Diffuse large B-cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.32Diffuse large B-cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.33Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.34Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	C83.06	Small cell B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.09 Small cell B-cell lymphoma, extranodal and solid organ sites Diagnosis ICD-10-CM C83.10 Mantle cell lymphoma, unspecified site Diagnosis ICD-10-CM C83.11 Mantle cell lymphoma, lymph nodes of head, face, and neck Diagnosis ICD-10-CM C83.12 Mantle cell lymphoma, intrathoracic lymph nodes Diagnosis ICD-10-CM C83.13 Mantle cell lymphoma, intra-abdominal lymph nodes Diagnosis ICD-10-CM C83.14 Mantle cell lymphoma, lymph nodes of axilla and upper limb Diagnosis ICD-10-CM C83.15 Mantle cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM C83.16 Mantle cell lymphoma, intrapelvic lymph nodes Diagnosis ICD-10-CM C83.17 Mantle cell lymphoma, spleen Diagnosis ICD-10-CM C83.18 Mantle cell lymphoma, lymph nodes of multiple sites Diagnosis ICD-10-CM C83.19 Mantle cell lymphoma, extranodal and solid organ sites Diagnosis ICD-10-CM C83.30 Diffuse large B-cell lymphoma, unspecified site Diagnosis ICD-10-CM C83.31 Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck Diagnosis ICD-10-CM C83.32 Diffuse large B-cell lymphoma, intrathoracic lymph nodes Diagnosis ICD-10-CM C83.33 Diffuse large B-cell lymphoma, intra-abdominal lymph nodes Diagnosis ICD-10-CM C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM	C83.07	Small cell B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.10Mantle cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.11Mantle cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.14Mantle cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.15Mantle cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.16Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.17Mantle cell lymphoma, spleenDiagnosisICD-10-CMC83.18Mantle cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.19Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.30Diffuse large B-cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.31Diffuse large B-cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.32Diffuse large B-cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.33Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.34Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.35Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CM	C83.08	Small cell B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.11Mantle cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.12Mantle cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.13Mantle cell lymphoma, intra-abdominal lymph nodesDiagnosisICD-10-CMC83.14Mantle cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.15Mantle cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.16Mantle cell lymphoma, intrapelvic lymph nodesDiagnosisICD-10-CMC83.17Mantle cell lymphoma, spleenDiagnosisICD-10-CMC83.18Mantle cell lymphoma, lymph nodes of multiple sitesDiagnosisICD-10-CMC83.19Mantle cell lymphoma, extranodal and solid organ sitesDiagnosisICD-10-CMC83.30Diffuse large B-cell lymphoma, unspecified siteDiagnosisICD-10-CMC83.31Diffuse large B-cell lymphoma, lymph nodes of head, face, and neckDiagnosisICD-10-CMC83.32Diffuse large B-cell lymphoma, intrathoracic lymph nodesDiagnosisICD-10-CMC83.33Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limbDiagnosisICD-10-CMC83.34Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CMC83.35Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limbDiagnosisICD-10-CM	C83.09	Small cell B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.12 Mantle cell lymphoma, intrathoracic lymph nodes C83.13 Mantle cell lymphoma, intra-abdominal lymph nodes C83.14 Mantle cell lymphoma, lymph nodes of axilla and upper limb C83.15 Mantle cell lymphoma, lymph nodes of inguinal region and lower limb C83.16 Mantle cell lymphoma, intrapelvic lymph nodes C83.17 Mantle cell lymphoma, spleen C83.18 Mantle cell lymphoma, spleen C83.18 Mantle cell lymphoma, lymph nodes of multiple sites C83.19 Mantle cell lymphoma, extranodal and solid organ sites C83.19 Mantle cell lymphoma, extranodal and solid organ sites C83.30 Diffuse large B-cell lymphoma, unspecified site C83.31 Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck C83.32 Diffuse large B-cell lymphoma, intrathoracic lymph nodes C83.33 Diffuse large B-cell lymphoma, intrathoracic lymph nodes C83.34 Diffuse large B-cell lymphoma, intra-abdominal lymph nodes C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM	C83.10	Mantle cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.13 Mantle cell lymphoma, intra-abdominal lymph nodes  C83.14 Mantle cell lymphoma, lymph nodes of axilla and upper limb  C83.15 Mantle cell lymphoma, lymph nodes of inguinal region and lower limb  C83.16 Mantle cell lymphoma, intrapelvic lymph nodes  C83.17 Mantle cell lymphoma, spleen  C83.18 Mantle cell lymphoma, lymph nodes of multiple sites  C83.19 Mantle cell lymphoma, extranodal and solid organ sites  C83.30 Diffuse large B-cell lymphoma, unspecified site  C83.31 Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck  C83.32 Diffuse large B-cell lymphoma, intrathoracic lymph nodes  C83.33 Diffuse large B-cell lymphoma, intrathoracic lymph nodes  C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb  C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb  Diagnosis ICD-10-CM  C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb  Diagnosis ICD-10-CM	C83.11	Mantle cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.14 Mantle cell lymphoma, lymph nodes of axilla and upper limb Diagnosis ICD-10-CM C83.15 Mantle cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM C83.16 Mantle cell lymphoma, intrapelvic lymph nodes C83.17 Mantle cell lymphoma, spleen C83.18 Mantle cell lymphoma, lymph nodes of multiple sites C83.19 Mantle cell lymphoma, extranodal and solid organ sites C83.19 Diffuse large B-cell lymphoma, unspecified site C83.30 Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck C83.31 Diffuse large B-cell lymphoma, intrathoracic lymph nodes C83.32 Diffuse large B-cell lymphoma, intra-abdominal lymph nodes C83.33 Diffuse large B-cell lymphoma, intra-abdominal lymph nodes C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM	C83.12	Mantle cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.15 Mantle cell lymphoma, lymph nodes of inguinal region and lower limb  C83.16 Mantle cell lymphoma, intrapelvic lymph nodes  C83.17 Mantle cell lymphoma, spleen  C83.18 Mantle cell lymphoma, lymph nodes of multiple sites  C83.19 Mantle cell lymphoma, extranodal and solid organ sites  C83.30 Diffuse large B-cell lymphoma, unspecified site  C83.31 Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck  C83.32 Diffuse large B-cell lymphoma, intrathoracic lymph nodes  C83.33 Diffuse large B-cell lymphoma, intrathoracic lymph nodes  C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb  Diagnosis ICD-10-CM  C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb  Diagnosis ICD-10-CM	C83.13	Mantle cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.16 Mantle cell lymphoma, intrapelvic lymph nodes  C83.17 Mantle cell lymphoma, spleen  C83.18 Mantle cell lymphoma, lymph nodes of multiple sites  C83.19 Mantle cell lymphoma, extranodal and solid organ sites  C83.30 Diffuse large B-cell lymphoma, unspecified site  C83.31 Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck  C83.32 Diffuse large B-cell lymphoma, intrathoracic lymph nodes  C83.33 Diffuse large B-cell lymphoma, intrathoracic lymph nodes  C83.34 Diffuse large B-cell lymphoma, intra-abdominal lymph nodes  C83.35 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb  Diagnosis ICD-10-CM	C83.14	Mantle cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.17 Mantle cell lymphoma, spleen  C83.18 Mantle cell lymphoma, lymph nodes of multiple sites  C83.19 Mantle cell lymphoma, extranodal and solid organ sites  Diagnosis ICD-10-CM  C83.30 Diffuse large B-cell lymphoma, unspecified site  Diagnosis ICD-10-CM  C83.31 Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck  C83.32 Diffuse large B-cell lymphoma, intrathoracic lymph nodes  C83.33 Diffuse large B-cell lymphoma, intra-abdominal lymph nodes  C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb  Diagnosis ICD-10-CM  C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb  Diagnosis ICD-10-CM  Diagnosis ICD-10-CM  Diagnosis ICD-10-CM  Diagnosis ICD-10-CM  Diagnosis ICD-10-CM	C83.15	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.18 Mantle cell lymphoma, lymph nodes of multiple sites  C83.19 Mantle cell lymphoma, extranodal and solid organ sites  Diagnosis ICD-10-CM	C83.16	Mantle cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.19 Mantle cell lymphoma, extranodal and solid organ sites Diagnosis ICD-10-CM C83.30 Diffuse large B-cell lymphoma, unspecified site Diagnosis ICD-10-CM C83.31 Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck Diagnosis ICD-10-CM C83.32 Diffuse large B-cell lymphoma, intrathoracic lymph nodes Diagnosis ICD-10-CM C83.33 Diffuse large B-cell lymphoma, intra-abdominal lymph nodes Diagnosis ICD-10-CM C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM	C83.17	Mantle cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.30 Diffuse large B-cell lymphoma, unspecified site Diagnosis ICD-10-CM C83.31 Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck Diagnosis ICD-10-CM C83.32 Diffuse large B-cell lymphoma, intrathoracic lymph nodes Diagnosis ICD-10-CM C83.33 Diffuse large B-cell lymphoma, intra-abdominal lymph nodes Diagnosis ICD-10-CM C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM			=	ICD-10-CM
C83.31 Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck C83.32 Diffuse large B-cell lymphoma, intrathoracic lymph nodes C83.33 Diffuse large B-cell lymphoma, intra-abdominal lymph nodes C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM	C83.19	Mantle cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.32 Diffuse large B-cell lymphoma, intrathoracic lymph nodes Diagnosis ICD-10-CM C83.33 Diffuse large B-cell lymphoma, intra-abdominal lymph nodes C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM	C83.30	Diffuse large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.33 Diffuse large B-cell lymphoma, intra-abdominal lymph nodes C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM	C83.31	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.34 Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb Diagnosis ICD-10-CM C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM	C83.32	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.35 Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb Diagnosis ICD-10-CM	C83.33	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
	C83.34	Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.36 Diffuse large B-cell lymphoma, intrapelvic lymph nodes Diagnosis ICD-10-CM	C83.35	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
	C83.36	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 303 of 390



Code	Description	Code Category	Code Type
C83.37	Diffuse large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.38	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.39	Diffuse large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.50	Lymphoblastic (diffuse) lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.51	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.52	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.53	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.54	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.55	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower	Diagnosis	ICD-10-CM
C83.56	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.57	Lymphoblastic (diffuse) lymphoma, spleen	Diagnosis	ICD-10-CM
C83.58	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.59	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.70	Burkitt lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.71	Burkitt lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.72	Burkitt lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.73	Burkitt lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.74	Burkitt lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.75	Burkitt lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.76	Burkitt lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.77	Burkitt lymphoma, spleen	Diagnosis	ICD-10-CM
C83.78	Burkitt lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.79	Burkitt lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.80	Other non-follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.81	Other non-follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.82	Other non-follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.83	Other non-follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.84	Other non-follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.85	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.86	Other non-follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.87	Other non-follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C83.88	Other non-follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.89	Other non-follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.90	Non-follicular (diffuse) lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C83.91	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.92	Non-follicular (diffuse) lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.93	Non-follicular (diffuse) lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.94	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.95	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.96	Non-follicular (diffuse) lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.97	Non-follicular (diffuse) lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C83.98	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 304 of 390



Code	Description	Code Category	Code Type
C83.99	Non-follicular (diffuse) lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.00	Mycosis fungoides, unspecified site	Diagnosis	ICD-10-CM
C84.01	Mycosis fungoides, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.02	Mycosis fungoides, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.03	Mycosis fungoides, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.04	Mycosis fungoides, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.05	Mycosis fungoides, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.06	Mycosis fungoides, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.07	Mycosis fungoides, spleen	Diagnosis	ICD-10-CM
C84.08	Mycosis fungoides, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.09	Mycosis fungoides, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.10	Sezary disease, unspecified site	Diagnosis	ICD-10-CM
C84.11	Sezary disease, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.12	Sezary disease, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.13	Sezary disease, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.14	Sezary disease, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.15	Sezary disease, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.16	Sezary disease, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.17	Sezary disease, spleen	Diagnosis	ICD-10-CM
C84.18	Sezary disease, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.19	Sezary disease, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.60	Anaplastic large cell lymphoma, ALK-positive, unspecified site	Diagnosis	ICD-10-CM
C84.61	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of head, face, and	Diagnosis	ICD-10-CM
C84.62	Anaplastic large cell lymphoma, ALK-positive, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.63	Anaplastic large cell lymphoma, ALK-positive, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.64	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of axilla and upper	Diagnosis	ICD-10-CM
	limb		
C84.65	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.66	Anaplastic large cell lymphoma, ALK-positive, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.67	Anaplastic large cell lymphoma, ALK-positive, spleen	Diagnosis	ICD-10-CM
C84.68	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.69	Anaplastic large cell lymphoma, ALK-positive, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.70	Anaplastic large cell lymphoma, ALK-negative, unspecified site	Diagnosis	ICD-10-CM
C84.71	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.72	Anaplastic large cell lymphoma, ALK-negative, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.73	Anaplastic large cell lymphoma, ALK-negative, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.74	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.75	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.76	Anaplastic large cell lymphoma, ALK-negative, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
		_	
C84.77	Anaplastic large cell lymphoma, ALK-negative, spleen	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 305 of 390



	-10-PCS) Codes Used to Define Baseline Characteristics in this Request	Codo Catago	Codo Tura
Code	Description	Code Category	Code Type
C84.79	Anaplastic large cell lymphoma, ALK-negative, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.90	Mature T/NK-cell lymphomas, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.91	Mature T/NK-cell lymphomas, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.92	Mature T/NK-cell lymphomas, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.93	Mature T/NK-cell lymphomas, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.94	Mature T/NK-cell lymphomas, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.95	Mature T/NK-cell lymphomas, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.96	Mature T/NK-cell lymphomas, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.97	Mature T/NK-cell lymphomas, unspecified, spleen	Diagnosis	ICD-10-CM
C84.98	Mature T/NK-cell lymphomas, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.99	Mature T/NK-cell lymphomas, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.A0	Cutaneous T-cell lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.A1	Cutaneous T-cell lymphoma, unspecified lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.A2	Cutaneous T-cell lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.A3	Cutaneous T-cell lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.A4	Cutaneous T-cell lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.A5	Cutaneous T-cell lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.A6	Cutaneous T-cell lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.A7	Cutaneous T-cell lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C84.A8	Cutaneous T-cell lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.A9	Cutaneous T-cell lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.Z0	Other mature T/NK-cell lymphomas, unspecified site	Diagnosis	ICD-10-CM
C84.Z1	Other mature T/NK-cell lymphomas, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.Z2	Other mature T/NK-cell lymphomas, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.Z3	Other mature T/NK-cell lymphomas, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.Z4	Other mature T/NK-cell lymphomas, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.Z5	Other mature T/NK-cell lymphomas, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.Z6	Other mature T/NK-cell lymphomas, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.Z7	Other mature T/NK-cell lymphomas, spleen	Diagnosis	ICD-10-CM
C84.Z8	Other mature T/NK-cell lymphomas, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.Z9	Other mature T/NK-cell lymphomas, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.10	Unspecified B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.11	Unspecified B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.12	Unspecified B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.13	Unspecified B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.14	Unspecified B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.15	Unspecified B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.16	Unspecified B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.10	Unspecified B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.17	Unspecified B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.16	Unspecified B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
		=	
C85.20	Mediastinal (thymic) large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 306 of 390



Code	Description	<b>Code Category</b>	Code Type
C85.21	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
285.22	Mediastinal (thymic) large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
285.23	Mediastinal (thymic) large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
285.24	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of axilla and upper	Diagnosis	ICD-10-CM
C85.25	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
85.26	Mediastinal (thymic) large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
85.27	Mediastinal (thymic) large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.28	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
85.29	Mediastinal (thymic) large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
85.80	Other specified types of non-Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
85.81	Other specified types of non-Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
85.82	Other specified types of non-Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
85.83	Other specified types of non-Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
285.84	Other specified types of non-Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
285.85	Other specified types of non-Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
85.86	Other specified types of non-Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
85.87	Other specified types of non-Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
85.88	Other specified types of non-Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
85.89	Other specified types of non-Hodgkin lymphoma, extranodal and solid organ	Diagnosis	ICD-10-CM
85.90	Non-Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
85.91	Non-Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
85.92	Non-Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
85.93	Non-Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
85.94	Non-Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
85.95	Non-Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
85.96	Non-Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
85.97	Non-Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
85.98	Non-Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
85.99	Non-Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
86.0	Extranodal NK/T-cell lymphoma, nasal type	Diagnosis	ICD-10-CM
86.1	Hepatosplenic T-cell lymphoma	Diagnosis	ICD-10-CM
86.2	Enteropathy-type (intestinal) T-cell lymphoma	Diagnosis	ICD-10-CM
86.3	Subcutaneous panniculitis-like T-cell lymphoma	Diagnosis	ICD-10-CM
286.4	Blastic NK-cell lymphoma	Diagnosis	ICD-10-CM
286.5	Angioimmunoblastic T-cell lymphoma	Diagnosis	ICD-10-CM
286.6	Primary cutaneous CD30-positive T-cell proliferations	Diagnosis	ICD-10-CM
288.4	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT-lymphoma]	_	ICD-10-CM
90.10	Plasma cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C90.11	Plasma cell leukemia in remission	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 307 of 390



Code	Description	Code Category	Code Type
091.00	Acute lymphoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
091.01	Acute lymphoblastic leukemia, in remission	Diagnosis	ICD-10-CM
091.10	Chronic lymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
91.11	Chronic lymphocytic leukemia of B-cell type in remission	Diagnosis	ICD-10-CM
91.30	Prolymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
91.31	Prolymphocytic leukemia of B-cell type, in remission	Diagnosis	ICD-10-CM
91.40	Hairy cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
91.41	Hairy cell leukemia, in remission	Diagnosis	ICD-10-CM
291.50	Adult T-cell lymphoma/leukemia (HTLV-1-associated) not having achieved remission	Diagnosis	ICD-10-CM
91.51	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in remission	Diagnosis	ICD-10-CM
91.60	Prolymphocytic leukemia of T-cell type not having achieved remission	Diagnosis	ICD-10-CM
91.61	Prolymphocytic leukemia of T-cell type, in remission	Diagnosis	ICD-10-CM
91.90	Lymphoid leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
91.91	Lymphoid leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
91.A0	Mature B-cell leukemia Burkitt-type not having achieved remission	Diagnosis	ICD-10-CM
91.A1	Mature B-cell leukemia Burkitt-type, in remission	Diagnosis	ICD-10-CM
91.Z0	Other lymphoid leukemia not having achieved remission	Diagnosis	ICD-10-CM
91.Z1	Other lymphoid leukemia, in remission	Diagnosis	ICD-10-CM
92.00	Acute myeloblastic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
92.01	Acute myeloblastic leukemia, in remission	Diagnosis	ICD-10-CM
92.10	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	Diagnosis	ICD-10-CM
92.11	Chronic myeloid leukemia, BCR/ABL-positive, in remission	Diagnosis	ICD-10-CM
92.20	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	Diagnosis	ICD-10-CM
92.21	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission	Diagnosis	ICD-10-CM
92.30	Myeloid sarcoma, not having achieved remission	Diagnosis	ICD-10-CM
92.31	Myeloid sarcoma, in remission	Diagnosis	ICD-10-CM
92.40	Acute promyelocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
92.41	Acute promyelocytic leukemia, in remission	Diagnosis	ICD-10-CM
92.50	Acute myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
92.51	Acute myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
92.60	Acute myeloid leukemia with 11q23-abnormality not having achieved remission	=	ICD-10-CM
92.61	Acute myeloid leukemia with 11q23-abnormality in remission	Diagnosis	ICD-10-CM
92.90	Myeloid leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
92.91	Myeloid leukemia, unspecified in remission	Diagnosis	ICD-10-CM
92.A0	Acute myeloid leukemia with multilineage dysplasia, not having achieved remission	Diagnosis	ICD-10-CM
92.A1	Acute myeloid leukemia with multilineage dysplasia, in remission	Diagnosis	ICD-10-CM
92.Z0	Other myeloid leukemia not having achieved remission	Diagnosis	ICD-10-CM
92.Z1	Other myeloid leukemia, in remission	Diagnosis	ICD-10-CM
93.00	Acute monoblastic/monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
93.01	Acute monoblastic/monocytic leukemia, in remission	Diagnosis	ICD-10-CM
93.10	Chronic myelomonocytic leukemia not having achieved remission	Diagnosis	ICD-10-CM
93.11	Chronic myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 308 of 390



System (ICD-1 Code	0-PCS) Codes Used to Define Baseline Characteristics in this Request	Codo Catagory	Codo Tuno
	Description	Code Category	
C93.30	Juvenile myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.31	Juvenile myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.90	Monocytic leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C93.91	Monocytic leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C93.Z0	Other monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.Z1	Other monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C94.00	Acute erythroid leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C94.01	Acute erythroid leukemia, in remission	Diagnosis	ICD-10-CM
C94.20	Acute megakaryoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.21	Acute megakaryoblastic leukemia, in remission	Diagnosis	ICD-10-CM
C94.30	Mast cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.31	Mast cell leukemia, in remission	Diagnosis	ICD-10-CM
C94.80	Other specified leukemias not having achieved remission	Diagnosis	ICD-10-CM
C94.81	Other specified leukemias, in remission	Diagnosis	ICD-10-CM
C95.00	Acute leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.01	Acute leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.10	Chronic leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.11	Chronic leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.90	Leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C95.91	Leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C96.4	Sarcoma of dendritic cells (accessory cells)	Diagnosis	ICD-10-CM
C96.9	Malignant neoplasm of lymphoid, hematopoietic and related tissue, unspecified	Diagnosis	ICD-10-CM
C96.Z	Other specified malignant neoplasms of lymphoid, hematopoietic and related	Diagnosis	ICD-10-CM
	tissue		
D03.0	Melanoma in situ of lip	Diagnosis	ICD-10-CM
D03.10	Melanoma in situ of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
D03.11	Melanoma in situ of right eyelid, including canthus	Diagnosis	ICD-10-CM
D03.12	Melanoma in situ of left eyelid, including canthus	Diagnosis	ICD-10-CM
D03.20	Melanoma in situ of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
D03.21	Melanoma in situ of right ear and external auricular canal	Diagnosis	ICD-10-CM
D03.22	Melanoma in situ of left ear and external auricular canal	Diagnosis	ICD-10-CM
D03.30	Melanoma in situ of unspecified part of face	Diagnosis	ICD-10-CM
D03.39	Melanoma in situ of other parts of face	Diagnosis	ICD-10-CM
D03.4	Melanoma in situ of scalp and neck	Diagnosis	ICD-10-CM
D03.51	Melanoma in situ of anal skin	Diagnosis	ICD-10-CM
D03.52	Melanoma in situ of breast (skin) (soft tissue)	Diagnosis	ICD-10-CM
D03.59	Melanoma in situ of other part of trunk	Diagnosis	ICD-10-CM
D03.60	Melanoma in situ of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.61	Melanoma in situ of right upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.62	Melanoma in situ of left upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.70	Melanoma in situ of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
D03.71	Melanoma in situ of right lower limb, including hip	Diagnosis	ICD-10-CM
D03.72	Melanoma in situ of left lower limb, including hip	Diagnosis	ICD-10-CM
D03.8	Melanoma in situ of other sites	Diagnosis	ICD-10-CM
D03.9	Melanoma in situ, unspecified	Diagnosis	ICD-10-CM

cder\_mpl1p\_wp085 Page 309 of 390



## Appendix F. Specifications Defining Parameters for this Request

This request was executed on the Cohort Identification and Descriptive Analysis (CIDA) tool v13.1.0 to investigate the use of Attention-Deficit/Hyperactivity Disorder (ADHD) Medications or Opioid Analgesics within pre- and post-pandemic time periods among prespecified age groups in the Sentinel Distributed Database (SDD).

1. R01: Type 5 (Overall study period)

2. R02: Type 5 (Pre-pandemic study period)

3. R03: Type 5 (Pandemic study period)

4. R04: Type 5 (Post-pandemic study period)

Query period: January 1, 2017 - March 31, 2023 (overall)

April 1, 2018 - March 31, 2020 (pre-pandemic) April 1, 2020 - March 31, 2022 (pandemic) April 1, 2022 - March 31, 2023 (latest available)

**Coverage requirement:** Medical & Drug Coverage

**Pre-index enrollment requirement:** 365 days

Post-index requirement: N/A Enrollment gap: 45

Age groups: See below in the Age Group column

**Stratifications:** Age groups

Census Bureau (CB) region

Censor output categorization: -

Restrictions: None

Distribution of index-defining codes: No

Envelope macro: \*Reclassify outpatient (AV), emergency department (ED), and other ambulatory (OA) encounters that occur during an

inpatient stay as inpatient (IP) encounters. Do not reclassify if an encounter occurs on the day of admission (ADate).

Freeze data: Yes (for v01 only) (See Notes below)

**Stockpiling** See stockpiling tab

cder mpl1p wp085 Page 310 of 390



## Appendix F. Specifications Defining Parameters for this Request

This request was executed on the Cohort Identification and Descriptive Analysis (CIDA) tool v13.1.0 to investigate the use of Attention-Deficit/Hyperactivity Disorder (ADHD) Medications or Opioid Analgesics within pre- and post-pandemic time periods among prespecified age groups in the Sentinel Distributed Database (SDD).

- 1. R01: Type 5 (Overall study period)
- 2. R02: Type 5 (Pre-pandemic study period)
- 3. R03: Type 5 (Pandemic study period)
- 4. R04: Type 5 (Post-pandemic study period)

## **Features:** Run type 2 cohort off of Type 5 cohort of corresponding query period to ensure identical patients captured Carry forward other reporting features from cder mpl1p wp085

Output the number of patients who had a mean/median current filled daily dose across all their dispensings within a user defined range

Most frequent utilization (MFU) output and reporting

Compute t-statistic and Z-statistic for comparisons between proportions between pre-pandemic and pandemic query periods, and report p-value

**Notes:** wp085 and wp087 will be distributed in three waves:

- 1. Distribution 1 (wp085 v04) overall cohorts (with group names containing "\_5plus") from r01 (overall study period) will be distributed to DPs. Data will be frozen.
- 2. Distribution 2 (wp085 v06) all cohorts from r01-r04 (all type 5 runs) will be distributed to DPs. Package will point to data frozen from v01. Data in v02 will not be frozen.
- 3. Distribution 3 (wp087 v01) all cohorts (r01-r07) will be distributed to DPs. Package will point to data frozen from v01. Data in v03 will not be frozen.

cder mpl1p wp085 Page 311 of 390



				or this Request	Exposure		
	Scenario	Age Restriction	Age Group	Index Exposure	Cohort Definition	Incident Exposure Washout Period	Exclude Evidence of Days Supply if Exposure Washout Includes Dispensings
	1	5+ years	5-12 13-17 18-25 26-29	Stimulant Medications for ADHD (amphetamine, dextroamphetamine, lisdexamfetamine, methamphetamine, methylphenidate, dexmethylphenidate, serdexmethylphenidate) (first episode duration of 7+ days)	*Include all valid exposure episodes during query period;only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
Overall	2	5+ years	5-12 13-17 18-25 26-29 30-39 40-49 50-64 65+	Non-Stimulant Medications for ADHD (atomoxetine, clonidine (extended- release patch/oral solid), guanfacine, viloxazine (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
	3	5+ years	5-12 13-17 18-25 26-29 30-39 40-49 50-64 65+	Schedule II (C-II) Opioid Analgesics (benzhydrocodone, fentanyl, hydrocodone, hydromorphone, levorphanol, meperidine, methadone, morphine, oxycodone, oxymorphone, sufentanil, tapentadol, single product codeine) (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;

cder\_mpl1p\_wp085 Page 312 of 390



, pocitor i	opecined	Deming	. Granice CI3	for this Request	Exposure		
	Scenario	Age Restriction	Age Group	Index Exposure	Cohort Definition	Incident Exposure Washout Period	Exclude Evidence of Days Supply if Exposure Washout Includes Dispensings
	4	5-17 years	5-12 13-17	Stimulant Medications for ADHD (amphetamine, dextroamphetamine, lisdexamfetamine, methamphetamine, methylphenidate, dexmethylphenidate, serdexmethylphenidate)  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
5-17 years	5	5-17 Years	5-12 13-17	Non-Stimulant Medications for ADHD (atomoxetine, clonidine (extended- release patch/oral solid), guanfacine, viloxazine  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
	6	5-17 years	5-12 13-17	Schedule II (C-II) Opioid Analgesics (benzhydrocodone, fentanyl, hydrocodone, hydromorphone, levorphanol, meperidine, methadone, morphine, oxycodone, oxymorphone, sufentanil, tapentadol, single product codeine)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
				(first episode duration of 7+ days)			



					Exposure		
	Scenario	Age Restriction	Age Group	Index Exposure	Cohort Definition	Incident Exposure Washout Period	Exclude Evidence of Days Supply if Exposure Washout Includes Dispensings
	7	18-25 Years	18-25	Stimulant Medications for ADHD (amphetamine, dextroamphetamine, lisdexamfetamine, methamphetamine, methylphenidate, dexmethylphenidate, serdexmethylphenidate)  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period;only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
18-25 Years	8	18-25 Years	18-25	Non-Stimulant Medications for ADHD (atomoxetine, clonidine (extended-release patch/oral solid), guanfacine, viloxazine  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
	9	18-25 Years	18-25	Schedule II (C-II) Opioid Analgesics (benzhydrocodone, fentanyl, hydrocodone, hydromorphone, levorphanol, meperidine, methadone, morphine, oxycodone, oxymorphone, sufentanil, tapentadol, single product codeine) (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;

cder\_mpl1p\_wp085 Page 314 of 390



7				or this Request	Exposure		
	Scenario	Age Restriction	Age Group	Index Exposure	Cohort Definition	Incident Exposure Washout Period	Exclude Evidence of Days Supply if Exposure Washout Includes Dispensings
	10	26-44 Years	26-29 30-39 40-44	Stimulant Medications for ADHD (amphetamine, dextroamphetamine, lisdexamfetamine, methamphetamine, methylphenidate, dexmethylphenidate, serdexmethylphenidate)  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
26-44 Years	11	26-44 Years	26-29 30-39 40-44	Non-Stimulant Medications for ADHD (atomoxetine, clonidine (extended- release patch/oral solid), guanfacine, viloxazine  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
	12	26-44 Years	26-29 30-39 40-44	Schedule II (C-II) Opioid Analgesics (benzhydrocodone, fentanyl, hydrocodone, hydromorphone, levorphanol, meperidine, methadone, morphine, oxycodone, oxymorphone, sufentanil, tapentadol, single product codeine) (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;

cder\_mpl1p\_wp085 Page 315 of 390



				or this Request	Exposure		
	Scenario	Age Restriction	Age Group	Index Exposure	Cohort Definition	Incident Exposure Washout Period	Exclude Evidence of Days Supply if Exposure Washout Includes Dispensings
	13	45-64 Years		Stimulant Medications for ADHD (amphetamine, dextroamphetamine, lisdexamfetamine, methamphetamine, methylphenidate, dexmethylphenidate, serdexmethylphenidate)  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period;only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
45-64 Years	14	45-64 Years	45-54 55-64	Non-Stimulant Medications for ADHD (atomoxetine, clonidine (extended-release patch/oral solid), guanfacine, viloxazine  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
	15	45-64 Years	45-54 55-64	Schedule II (C-II) Opioid Analgesics (benzhydrocodone, fentanyl, hydrocodone, hydromorphone, levorphanol, meperidine, methadone, morphine, oxycodone, oxymorphone, sufentanil, tapentadol, single product codeine) (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;

cder\_mpl1p\_wp085 Page 316 of 390



					Exposure		
	Scenario	Age Restriction	Age Group	Index Exposure	Cohort Definition	Incident Exposure Washout Period	Exclude Evidence of Days Supply if Exposure Washout Includes Dispensings
	16	65+ Years	65+	Stimulant Medications for ADHD (amphetamine, dextroamphetamine, lisdexamfetamine, methamphetamine, methylphenidate, dexmethylphenidate, serdexmethylphenidate)  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
65+ Years	17	65+ Years	65+	Non-Stimulant Medications for ADHD (atomoxetine, clonidine (extended- release patch/oral solid), guanfacine, viloxazine  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
	18	65+ Years	65+	Schedule II (C-II) Opioid Analgesics (benzhydrocodone, fentanyl, hydrocodone, hydromorphone, levorphanol, meperidine, methadone, morphine, oxycodone, oxymorphone, sufentanil, tapentadol, single product codeine) (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;

cder\_mpl1p\_wp085 Page 317 of 390



Appendix I	F. Specificat	tions Defining	Rarameters f	or this Request			
			Ī		Exposure		
	Scenario	Age Restriction	Age Group	Index Exposure	Cohort Definition	Incident Exposure Washout Period	Exclude Evidence of Days Supply if Exposure Washout Includes Dispensings
	19	18+ Years	18-25 26-29 30-39 40-49 50-64 65+	Stimulant Medications for ADHD (amphetamine, dextroamphetamine, lisdexamfetamine, methamphetamine, methylphenidate, dexmethylphenidate, serdexmethylphenidate)  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
18+ Years	20	18+ Years	18-25 26-29 30-39 40-49 50-64 65+	Non-Stimulant Medications for ADHD (atomoxetine, clonidine (extended-release patch/oral solid), guanfacine, viloxazine  (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;
	21	18+ Years	18-25 26-29 30-39 40-49 50-64 65+	Schedule II (C-II) Opioid Analgesics (benzhydrocodone, fentanyl, hydrocodone, hydromorphone, levorphanol, meperidine, methadone, morphine, oxycodone, oxymorphone, sufentanil, tapentadol, single product codeine) (first episode duration of 7+ days)	*Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria	365 days	*Washout lookback period should search for evidence of days supply;

cder\_mpl1p\_wp085 Page 318 of 390



Appendix	F. Specifica	tions Defining	Parameters f	for this Requ	est				
							Ехр	osure	
	Scenario	Treatment Episode Gap	Treatment Episode Extension	Care Setting	Principal Diagnosis Position	Create Baseline Table?	Forced supply to Attach to Dispensings	Censor Treatment Episode at Evidence of:	Current Filled Daily Dose Summary (Mean) Category
	1	30 days	None	Outpatient dispensing	N/A <sup>1</sup>	Yes	N/A	*Death;  *Data partner (DP) end date;  *Query end date;  *Enrollment end date;  *Episode end date	N/A
Overall	2	30 days	None	Outpatient dispensing	N/A	Yes	N/A	*Death; *DP end date; *Query end date; *Enrollment end date; *Episode end date	N/A
	3	30 days	None	Outpatient dispensing	N/A	Yes	N/A	*Death; *DP end date; *Query end date; *Enrollment end date; *Episode end date	N/A
5-17 years	4	30 days	None	Outpatient dispensing	N/A	Yes	N/A	*Death; *DP end date; *Query end date; *Enrollment end date; *Episode end date	N/A
J-17 years	5	30 days	None	Outpatient dispensing	N/A	Yes	N/A	*Death; *DP end date; *Query end date; *Enrollment end date; *Episode end date	N/A



Appendix I	F. Specifica	tions Defining	Parameters 1	for this Requ	est				
							Ехр	osure	
	Scenario	Treatment Episode Gap	Treatment Episode Extension	Care Setting	Principal Diagnosis Position	Create Baseline Table?	Forced supply to Attach to Dispensings	Censor Treatment Episode at Evidence of:	Current Filled Daily Dose Summary (Mean) Category
5-17 years	6	30 days	None	Outpatient dispensing	N/A	Yes	N/A	*Death; *DP end date; *Query end date; *Enrollment end date; *Episode end date	N/A
	7	30 days	None	Outpatient dispensing	N/A	Yes	N/A	*Death;  *DP end date;  *Query end date;  *Enrollment end date;  *Episode end date	N/A
18-25 Years	8	30 days	None	Outpatient dispensing	N/A	Yes	N/A	*Death;  *DP end date;  *Query end date;  *Enrollment end date;  *Episode end date	N/A
	9	30 days	None	Outpatient dispensing	N/A	Yes	N/A	*Death;  *DP end date;  *Query end date;  *Enrollment end date;  *Episode end date	N/A
26-44 Years	10	30 days	None	Outpatient dispensing	N/A	Yes	N/A	*Death;	N/A



Appendix I	F. Specifica	tions Defining	Parameters 1	for this Requ	est				
							_		
				_			Ехро	osure	
			Treatment				Forced supply		<b>Current Filled Daily</b>
		Treatment	Episode	Care	<b>Principal Diagnosis</b>		to Attach to	<b>Censor Treatment Episode</b>	Dose Summary (Mean)
	Scenario	Episode Gap	Extension	Setting	Position	Table?	Dispensings	at Evidence of:	Category
								*Death;	
				Outpatient		.,		*DP end date;	
	11	30 days	None	dispensing	N/A	Yes	N/A	*Query end date;	N/A
26-44								*Enrollment end date;	
Years								*Episode end date *Death;	
Tears								*DP end date;	
	12	30 days	None	Outpatient	N/A	Yes	N/A	*Query end date;	N/A
	12	30 days	None	dispensing	N/A	163	N/A	*Enrollment end date;	N/A
								*Episode end date	
								*Death;	
								*DP end date;	
	13	30 days	None	Outpatient	N/A	Yes	N/A	*Query end date;	N/A
		·		dispensing				*Enrollment end date;	·
								*Episode end date	
								*Death;	
45-64				Outpatient				*DP end date;	
Years	14	30 days	None	dispensing	N/A	Yes	N/A	*Query end date;	N/A
Tears				disperising				*Enrollment end date;	
								*Episode end date	
								*Death;	
				Outpatient				*DP end date;	
	15	30 days	None	dispensing	N/A	Yes	N/A	*Query end date;	N/A
								*Enrollment end date;	
								*Episode end date	



Appendix	F. Specifica	tions Defining	Parameters 1	for this Regu	est				
							_		
					_		Ехр	osure	
			Treatment				Forced supply		<b>Current Filled Daily</b>
		Treatment	Episode	Care	<b>Principal Diagnosis</b>		to Attach to	<b>Censor Treatment Episode</b>	Dose Summary (Mean)
	Scenario	Episode Gap	Extension	Setting	Position	Table?	Dispensings	at Evidence of:	Category
								*Death;	
				Outpatient				*DP end date;	
	16	30 days	None	dispensing	N/A	Yes	N/A	*Query end date;	N/A
								*Enrollment end date;	
								*Episode end date	
								*Death;	
	4-	20.1		Outpatient	/.	.,		*DP end date;	
65+ Years	17	30 days	None	dispensing	N/A	Yes	N/A	*Query end date;	N/A
								*Enrollment end date;	
								*Episode end date  *Death;	
								*DP end date;	
	18	30 days	None	Outpatient	N/A	Yes	N/A	*Query end date;	N/A
	10	30 days	None	dispensing	N/A	163	N/A	*Enrollment end date;	N/A
								*Episode end date	
								*Death;	
								*DP end date;	
	19	30 days	None	Outpatient	N/A	Yes	N/A	*Query end date;	N/A
		,		dispensing	·		,	*Enrollment end date;	,
10. ٧								*Episode end date	
18+ Years								*Death;	
				Outnationt				*DP end date;	
	20	30 days	None	Outpatient	N/A	Yes	N/A	*Query end date;	N/A
				dispensing				*Enrollment end date;	
								*Episode end date	



					Exposure					
	Scenario	Treatment Episode Gap	Treatment Episode Extension	Care Setting	Principal Diagnosis Position	Create Baseline Table?	Forced supply to Attach to Dispensings	Censor Treatment Episode at Evidence of:	Current Filled Daily Dose Summary (Mean) Category	
18+ Years	21	30 days	None	Outpatient dispensing	N/A	Yes	N/A	*Death;  *DP end date;  *Query end date;  *Enrollment end date;  *Episode end date	N/A	

N/A: Not Applicable

Page 323 of 390 cder\_mpl1p\_wp085



Group	Number	Covariate	Care Setting	Code Type	Evaluation Window/ Evaluation Window Anchor Dates
Demographic	N/A <sup>1</sup>	Continuous age	N/A	N/A	Index Day
Characteristics					
	N/A	Age groups (5-12 13-17 18-25 26-29 30-39 40-49 50-64 65+)	N/A	N/A	Index Day
	N/A	Race (White, Black or African American, Asian, American	N/A	N/A	Index Day
		Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, Unknown, Multi-Racial)			
	N/A	Sex (M, F)	N/A	N/A	Index Day
	N/A	Hispanic Origin (Yes, No, Unknown)	N/A	N/A	Index Day
	N/A	US Census Region (Northeast; Midwest; South; West; Other)	N/A	N/A	Index Day
	N/A	Calendar year	N/A	N/A	Index Day
	N/A	Healthcare Payor Status (Commercial payor; Public payor)	N/A	N/A	N/A
CCI Score	Riskscore	Charlson/Elixhauser combined comorbidity index	N/A	N/A	(-365, 0)
	Riskscore	Categorical Charlson/Elixhauser combined comorbidity index (<0 0 1-2 3-4 5+)	N/A	N/A	(-365, 0)
	1	ADHD Stimulant Medication	N/A	Dispensing (Dispensings table)	(-365, 0)
	2	ADHD Non-Stimulant Medication	N/A	Dispensing (Dispensings table)	(-365, 0)
	3	Schedule II (C-II) Opioid Analgesic	N/A	Dispensing (Dispensings table)	(-365, 0)
Prescription	4	Medication for Opioid-Related Disorders	N/A	Dispensing (Dispensings table)	(-365, 0)
Dispensed	5	Antidepressant Medication	N/A	Dispensing (Dispensings table)	(-365, 0)
	6	Anxiolytic or Sedative/Hypnotic Medications	N/A	Dispensing (Dispensings table)	(-365, 0)
	7	Antipsychotic Medication	N/A	Dispensing (Dispensings table)	(-365, 0)
	8	Mood Stabilizers	N/A	Dispensing (Dispensings table)	(-365, 0)

cder\_mpl1p\_wp085 Page 324 of 390



Group	Number	Covariate	Care Setting	Code Type	Evaluation Window/ Evaluation Window Anchor Dates
	9	Cancer	Any	Diagnosis	(-365, 0)
	10	Non-Cancer, Chronic Pain-Related Conditions	Any	Diagnosis	(-365, 0)
	11	Attention-Deficit/Hyperactivity Disorder	Any	Diagnosis	(-365, 0)
	12	Conduct or adjustment disorders or other related disorders on index date or year prior	Any	Diagnosis	(-365, 0)
	13	Narcolepsy	Any	Diagnosis	(-365, 0)
	14	Binge-Eating Disorder	Any	Diagnosis	(-365, 0)
Clinical	94=	No diagnosis of ADHD, and no Narcolepsy, and no Binge-	Any	CC	(-365, 0)
Diagnoses	NOT(11	Eating Disorder on index date or year prior	-		
	OR 13 OR 14)				
	<b>96</b> = (94	No diagnosis of ADHD AND No Narcolepsy AND No Binge-	Any	CC	(-365, 0)
	,	Eating Disorder AND a diagnosis of conduct or adjustment disorders	Any	CC .	(-365, 0)
	15	Attention-Deficit/Hyperactivity Disorder on index date or 30 days Prior	Any	Diagnosis	(-30, 0)
	16	Conduct or adjustment disorders or other related disorders on index date or 30 days Prior	Any	Diagnosis	(-30, 0)
	17	Narcolepsy on index date or 30 days Prior	Any	Diagnosis	(-30, 0)
	18	Binge-Eating Disorder on index date or 30 days Prior	Any	Diagnosis	(-30, 0)

cder\_mpl1p\_wp085 Page 325 of 390



Group	Number	Covariate	Care Setting	Code Type	Evaluation Window/ Evaluation Window Anchor Dates
	95= NOT(15 OR 17 OR 18)	No diagnosis of ADHD, and no Narcolepsy, and no Binge- Eating Disorder on index date or 30 days Prior	Any	СС	(-30, 0)
Clinical	97= (95	No diagnosis of ADHD AND No Narcolepsy AND No Binge- Eating Disorder AND a diagnosis of conduct or adjustment disorders on index date or 30 days Prior	Any	CC	(-30, 0)
Diagnoses	19	Hypertension	Any	Diagnosis	(-365, 0)
Diagnoses	20	Coronary artery disease	Any	Diagnosis	(-365, 0)
	21	Cardiac arrhythmia	Any	Diagnosis	(-365, 0)
	22	Cardiomyopathy	Any	Diagnosis	(-365, 0)
	23	Cardiac structural abnormality	Any	Diagnosis	(-365, 0)
	24	All other diseases of the circulatory system	Any	Diagnosis	(-365, 0)
	25	Epilepsy or recurrent seizures	Any	Diagnosis	(-365, 0)
	26	Other seizure or convulsions	Any	Diagnosis	(-365, 0)
	27	Depression	Any	Diagnosis	(-365, 0)
	28	Anxiety	Any	Diagnosis	(-365, 0)
	29	Bipolar Disorder	Any	Diagnosis	(-365, 0)
Psychiatric	30	Sleep Disorder	Any	Diagnosis	(-365, 0)
Conditions	31	Psychotic Disorder	Any	Diagnosis	(-365, 0)
	32	Post-Traumatic Stress Disorder (PTSD)	Any	Diagnosis	(-365, 0)
	33	Manic Episode	Any	Diagnosis	(-365, 0)
	34	Autistic Disorder	Any	Diagnosis	(-365, 0)

cder\_mpl1p\_wp085 Page 326 of 390



Appendix G. Specifications Defining Baseline Characteristics Parameters for this Request

Group	Number	Covariate	Care Setting	Code Type	Evaluation Window/ Evaluation Window Anchor Dates
	35	Any Substance-Related Disorders	Any	Diagnosis	(-365, 0)
	36	Opioid-Related Disorders	Any	Diagnosis	(-365, 0)
	37	Stimulant-Related Disorders	Any	Diagnosis	(-365, 0)
Collection	38	Cocaine-Related Disorders	Any	Diagnosis	(-365, 0)
Substance-	39	Other Stimulant-Related Disorders	Any	Diagnosis	(-365, 0)
Related Disorder	40	Alcohol-Related Disorders	Any	Diagnosis	(-365, 0)
	41	Cannabis-Related Disorders	Any	Diagnosis	(-365, 0)
	42	Tobacco-Related Disorders	Any	Diagnosis	(-365, 0)
	43	Nicotine Use, Excluding Tobacco-Related Disorder	Any	Diagnosis	(-365, 0)
	44	Unintentional or Undetermined Poisoning by Broad Category	Any	Diagnosis	(-365, 0)
Drug Poisoning	45	Opioid Poisoning, Unintentional or Undetermined Intent	Any	Diagnosis	(-365, 0)
	46	Stimulant Poisoning, Unintentional or Undetermined Intent	Any	Diagnosis	(-365, 0)
	47	Intentional Poisoning by Broad Category	Any	Diagnosis	(-365, 0)
	48	Concurrent antidepressants with ADHD Stimulant medication	N/A	Dispensing	(0, all post-index patient history)
	49	Concurrent benzodiazepines with ADHD Stimulant medication for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
Concurrent Prescriptions	50	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Stimulant medication for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
	51	Concurrent antipsychotics with ADHD Stimulant medication for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
	52	Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)

cder\_mpl1p\_wp085 Page 327 of 390



Group	Number	Covariate	Care Setting	Code Type	Evaluation Window/ Evaluation Window Anchor Dates
	53	Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
	54	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Non-Stimulant medication for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
	55	Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
	56	Concurrent antidepressants with Schedule II Opioid Analgesic for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
Concurrent	57	Concurrent benzodiazepines with Schedule II Opioid Analgesic for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
Prescriptions	58	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with Schedule II Opioid Analgesic for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
	59	Concurrent antipsychotics with Schedule II Opioid Analgesic for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
	60	Concurrent ADHD Stimulant medication with ADHD Non- Stimulant medication for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
	61	Concurrent ADHD Stimulant medication with all Opioid Analgesic for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
	62	Concurrent ADHD Non-Stimulant medication with all Opioid Analgesic for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)

cder\_mpl1p\_wp085 Page 328 of 390



Group	Number	Covariate	Care Setting	Code Type	Evaluation Window/ Evaluation Window Anchor Dates
Concurrent Prescriptions	101	Concurrent C-II Opioid Analgesic medication with ADHD Stimulant for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
	102	Concurrent C-II Opioid Analgesic medication with ADHD Non-Stimulant for at least 7 consecutive days	N/A	Dispensing	(0, all post-index patient history)
	63	Amphetamine Single-entity Products Immediate Release	N/A	Dispensing	(0, all post-index patient
	64	Amphetamine Single-entity Products Extended Release Oral Solid	N/A	Dispensing	(0, all post-index patient history)
	65	Amphetamine Single-entity Products Extended Release Oral Liquid	N/A	Dispensing	(0, all post-index patient history)
	66	Dextroamphetamine Single-entity Products Immediate Release	N/A	Dispensing	(0, all post-index patient history)
	67	Dextroamphetamine Single-entity Products Extended Release	N/A	Dispensing	(0, all post-index patient history)
Active	68	Amphetamine/Dextroamphetamine Combination Products Immediate Release	N/A	Dispensing	(0, all post-index patient history)
Pharamaceutical Ingredients	69	Amphetamine/Dextroamphetamine Combination Products Extended Release	N/A	Dispensing	(0, all post-index patient history)
	70	Lisdexamfetamine Extended Release	N/A	Dispensing	(0, all post-index patient history)
	71	Methamphetamine Single-entity Products Immediate Release	N/A	Dispensing	(0, all post-index patient history)
	72	Methylphenidate Single-entity Products Immediate Release	N/A	Dispensing	(0, all post-index patient history)
	73	Methylphenidate Single-entity Products Extended Release Oral Solid	N/A	Dispensing	(0, all post-index patient history)

cder\_mpl1p\_wp085 Page 329 of 390



Group	Number	Covariate	Care Setting	Code Type	Evaluation Window/ Evaluation Window Anchor Dates
	74	Methylphenidate Single-entity Products Extended Release Oral Liquid	N/A	Dispensing	(0, all post-index patient history)
	75	Methylphenidate Single-entity Products Extended Release Transdermal Patch	N/A	Dispensing	(0, all post-index patient history)
	76	Dexmethylphenidate Single-entity Products Immediate Release	N/A	Dispensing	(0, all post-index patient history)
	77	Dexmethylphenidate Single-entity Products Extended Release	N/A	Dispensing	(0, all post-index patient history)
	78	Dexmethylphenidate/Serdexmethylphenidate Immediate Release	N/A	Dispensing	(0, all post-index patient history)
Active Pharamaceutical	79	Any ADHD Stimulant API Immediate Release	N/A	Dispensing	(0, all post-index patient history)
Ingredients	80	Any ADHD Stimulant API Extended Release	N/A	Dispensing	(0, all post-index patient history)
	81	Atomoexetine Immediate Release	N/A	Dispensing	(0, all post-index patient history)
	82	Guanfacine Extended Release	N/A	Dispensing	(0, all post-index patient history)
	83	Viloxazine Extended Release	N/A	Dispensing	(0, all post-index patient history)
	84	Clonidine Extended Release	N/A	Dispensing	(0, all post-index patient history)
	85	Any ADHD Non-Stimulant API Extended Release	N/A	Dispensing	(0, all post-index patient history)
	86	Codeine	N/A	Dispensing	(0, all post-index patient history)

cder\_mpl1p\_wp085 Page 330 of 390



Group	Number	Covariate	Care Setting	Code Type	Evaluation Window/ Evaluation Window Anchor Dates
	87	Fentanyl	N/A	Dispensing	(0, all post-index patient history)
	88	Hydrocodone	N/A	Dispensing	(0, all post-index patient history)
	89	Hydromorphone	N/A	Dispensing	(0, all post-index patient history)
	90	Morphine	N/A	Dispensing	(0, all post-index patient history)
Active Pharamaceutical Ingredients	91	Oxycodone	N/A	Dispensing	(0, all post-index patient history)
ingredients	92	Oxymorphone	N/A	Dispensing	(0, all post-index patient history)
	93	Other C-II Opioid Analgesics	N/A	Dispensing	(0, all post-index patient history)
	98	At least One Encounter in the Emergency Department in Year Prior	ED*	Encounter	(-365,-1)
Encounters in Various Care Settings	99	At least One Encounter in the Inpatient Care Setting in Year Prior	IP*	Encounter	(-365,-1)
Settings	100	At least One Encounter in the Outpatient Care Setting in Year Prior	AV* OA*	Encounter	(-365,-1)
	N/A	Diagnosis 1 (TBD upon MFU results)	Any	MFU (Diagnosis)	(-30, 0)
Most Frequent	N/A	Diagnosis 2 (TBD upon MFU results)	Any	MFU (Diagnosis)	(-30, 0)
Utilization	N/A	Diagnosis 3 (TBD upon MFU results)	Any	MFU (Diagnosis)	(-30, 0)
Othization	N/A	Diagnosis 4 (TBD upon MFU results)	Any	MFU (Diagnosis)	(-30, 0)
	N/A	Diagnosis 5 (TBD upon MFU results)	Any	MFU (Diagnosis)	(-30, 0)

cder\_mpl1p\_wp085 Page 331 of 390



Group	Number	Covariate	Care Setting	Code Type	Evaluation Window/ Evaluation Window Anchor Dates
	N/A	Number of Ambulatory visits	AV	N/A	(-365, 0)
	N/A	Number of Emergency Department visits	ED	N/A	(-365, 0)
Intensity of	N/A	Number of Non-Acute Institutional Stays	IS	N/A	(-365, 0)
Health Care	N/A	Number of Inpatient Hospital Stays	IP	N/A	(-365, 0)
Utilization	N/A	Number of other ambulatory visits (includes other non overnight ambulatory encounters such as home health visits, telemedicine, telephone and email consultations)	OA	N/A	(-365, 0)
Intensity of Drug	N/A	Number of dispensings	N/A	N/A	(-365, 0)
Intensity of Drug	N/A	Number of unique generics dispensed	N/A	N/A	(-365, 0)
Utilization	N/A	Number of unique drug classes dispensed	N/A	N/A	(-365, 0)

cder\_mpl1p\_wp085 Page 332 of 390



Group	Number	Covariate	Minimum # of Instances	Search due to evidence of days supply or dispensing date	Dose details	Forced supply to attach to codes
Demographic Characteristics	N/A <sup>1</sup>	Continuous age	N/A	N/A	N/A	N/A
	N/A	Age groups (5-12 13-17 18-25 26-29 30-39 40-49 50-64 65+)	N/A	N/A	N/A	N/A
		Race (White, Black or African American, Asian, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, Unknown, Multi-Racial)	N/A	N/A	N/A	N/A
	N/A	Sex (M, F)	N/A	N/A	N/A	N/A
	N/A	Hispanic Origin (Yes, No, Unknown)	N/A	N/A	N/A	N/A
	Ī	US Census Region (Northeast; Midwest; South; West; Other)	N/A	N/A	N/A	N/A
	N/A	Calendar year	N/A	N/A	N/A	N/A
	N/A	Healthcare Payor Status (Commercial payor; Public payor)	N/A	N/A	N/A	N/A
CCI Score	Riskscore	Charlson/Elixhauser combined comorbidity index	N/A	N/A	N/A	N/A
		Categorical Charlson/Elixhauser combined comorbidity index (<0 0 1-2 3-4 5+)	N/A	N/A	N/A	N/A
	1	ADHD Stimulant Medication	1x	Search by dispensing date	N/A	N/A
	2	ADHD Non-Stimulant Medication	1x	Search by dispensing date	N/A	N/A
	3	Schedule II (C-II) Opioid Analgesic	1x	Search by	N/A	N/A
Prescription	4	Medication for Opioid-Related Disorders	1x	Search by	N/A	N/A
Dispensed	5	Antidepressant Medication	1x	Search by	N/A	N/A
	6	Anxiolytic or Sedative/Hypnotic Medications	1x	Search by	N/A	N/A
	7	Antipsychotic Medication	1x	Search by	N/A	N/A
	8	Mood Stabilizers	1x	Search by dispensing date	N/A	N/A



Group	Number	Covariate	Minimum # of Instances	Search due to evidence of days supply or dispensing date	Dose details	Forced supply to attach to codes
	9	Cancer	1x	wp085 and wp087	will be distributed	in three waves:
	10	Non-Cancer, Chronic Pain-Related Conditions	1x	N/A	N/A	N/A
	11	Attention-Deficit/Hyperactivity Disorder	1x	N/A	N/A	N/A
	12	Conduct or adjustment disorders or other related disorders on index date or year prior	1x	N/A	N/A	N/A
	13	Narcolepsy	1x	N/A	N/A	N/A
	14	Binge-Eating Disorder	1x	N/A	N/A	N/A
Clinical	94=	No diagnosis of ADHD, and no Narcolepsy, and no Binge-	1x	N/A	N/A	N/A
Diagnoses	NOT(11 OR 13 OR 14)	Eating Disorder on index date or year prior			·	·
	<b>96</b> = (94 AND 12)	No diagnosis of ADHD AND No Narcolepsy AND No Binge- Eating Disorder AND a diagnosis of conduct or adjustment disorders	1x	N/A	N/A	N/A
	15	Attention-Deficit/Hyperactivity Disorder on index date or 30 days Prior	1x	N/A	N/A	N/A
	16	Conduct or adjustment disorders or other related disorders on index date or 30 days Prior	1x	N/A	N/A	N/A
	17	Narcolepsy on index date or 30 days Prior	1x	N/A	N/A	N/A
	18	Binge-Eating Disorder on index date or 30 days Prior	1x	N/A	N/A	N/A

cder\_mpl1p\_wp085 Page 334 of 390



Group	Number	Covariate	Minimum # of Instances	Search due to evidence of days supply or dispensing date	Dose details	Forced supply to attach to codes
	95=	No diagnosis of ADHD, and no Narcolepsy, and no Binge-	1x	N/A	N/A	N/A
	NOT(15	Eating Disorder on index date or 30 days Prior				
	OR 17 OR					
	18)					
	97= (95	No diagnosis of ADHD AND No Narcolepsy AND No Binge-	1x	N/A	N/A	N/A
	AND 16)	Eating Disorder AND a diagnosis of conduct or adjustment				
		disorders on index date or 30 days Prior				
Clinical	19	Hypertension	1x	N/A	N/A	N/A
Diagnoses	20	Coronary artery disease	1x	N/A	N/A	N/A
	21	Cardiac arrhythmia	1x	N/A	N/A	N/A
	22	Cardiomyopathy	1x	N/A	N/A	N/A
	23	Cardiac structural abnormality	1x	N/A	N/A	N/A
	24	All other diseases of the circulatory system	1x	N/A	N/A	N/A
	25	Epilepsy or recurrent seizures	1x	N/A	N/A	N/A
	26	Other seizure or convulsions	1x	N/A	N/A	N/A
	27	Depression	1x	N/A	N/A	N/A
	28	Anxiety	1x	N/A	N/A	N/A
	29	Bipolar Disorder	1x	N/A	N/A	N/A
Psychiatric	30	Sleep Disorder	1x	N/A	N/A	N/A
Conditions	31	Psychotic Disorder	1x	N/A	N/A	N/A
	32	Post-Traumatic Stress Disorder (PTSD)	1x	N/A	N/A	N/A
	33	Manic Episode	1x	N/A	N/A	N/A
	34	Autistic Disorder	1x	N/A	N/A	N/A

cder\_mpl1p\_wp085 Page 335 of 390



Group	Number	Covariate	Minimum # of Instances	Search due to evidence of days supply or dispensing date	Dose details	Forced supply to attach to codes
	35	Any Substance-Related Disorders	1x	N/A	N/A	N/A
	36	Opioid-Related Disorders	1x	N/A	N/A	N/A
	37	Stimulant-Related Disorders	1x	N/A	N/A	N/A
Cultatana	38	Cocaine-Related Disorders	1x	N/A	N/A	N/A
Substance-	39	Other Stimulant-Related Disorders	1x	N/A	N/A	N/A
Related Disorder	40	Alcohol-Related Disorders	1x	N/A	N/A	N/A
	41	Cannabis-Related Disorders	1x	N/A	N/A	N/A
	42	Tobacco-Related Disorders	1x	N/A	N/A	N/A
	43	Nicotine Use, Excluding Tobacco-Related Disorder	1x	N/A	N/A	N/A
	44	Unintentional or Undetermined Poisoning by Broad Category	1x	N/A	N/A	N/A
<b>Drug Poisoning</b>	45	Opioid Poisoning, Unintentional or Undetermined Intent	1x	N/A	N/A	N/A
	46	Stimulant Poisoning, Unintentional or Undetermined Intent	1x	N/A	N/A	N/A
	47	Intentional Poisoning by Broad Category	1x	N/A	N/A	N/A
	48	Concurrent antidepressants with ADHD Stimulant medication	1x	Search by dispensing date	N/A	N/A
	49	Concurrent benzodiazepines with ADHD Stimulant medication for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
Concurrent Prescriptions	50	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Stimulant medication for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
	51	Concurrent antipsychotics with ADHD Stimulant medication for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
	52	Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A



Group	Number	Covariate	Minimum # of Instances	Search due to evidence of days supply or dispensing date	Dose details	Forced supply to attach to codes
	53	Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
	54	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Non-Stimulant medication for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
	55	Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
	56	Concurrent antidepressants with Schedule II Opioid Analgesic for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
Concurrent	57	Concurrent benzodiazepines with Schedule II Opioid Analgesic for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
Prescriptions	58	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with Schedule II Opioid Analgesic for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
	59	Concurrent antipsychotics with Schedule II Opioid Analgesic for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
	60	Concurrent ADHD Stimulant medication with ADHD Non- Stimulant medication for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
	61	Concurrent ADHD Stimulant medication with all Opioid Analgesic for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
	62	Concurrent ADHD Non-Stimulant medication with all Opioid Analgesic for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A

cder\_mpl1p\_wp085 Page 337 of 390



Group	Number	Covariate	Minimum # of Instances	Search due to evidence of days supply or dispensing date	Dose details	Forced supply to attach to codes
Concurrent	101	Concurrent C-II Opioid Analgesic medication with ADHD	1x	Search by	N/A	N/A
Prescriptions		Stimulant for at least 7 consecutive days		dispensing date		
	102	Concurrent C-II Opioid Analgesic medication with ADHD Non-Stimulant for at least 7 consecutive days	1x	Search by dispensing date	N/A	N/A
	63	Amphetamine Single-entity Products Immediate Release	1x	Search by	N/A	N/A
	64	Amphetamine Single-entity Products Extended Release Oral Solid	1x	Search by dispensing date	N/A	N/A
	65	Amphetamine Single-entity Products Extended Release Oral Liquid	1x	Search by dispensing date	N/A	N/A
	66	Dextroamphetamine Single-entity Products Immediate Release	1x	Search by dispensing date	N/A	N/A
	67	Dextroamphetamine Single-entity Products Extended Release	1x	Search by dispensing date	N/A	N/A
Active	68	Amphetamine/Dextroamphetamine Combination Products Immediate Release	1x	Search by dispensing date	N/A	N/A
Pharamaceutical Ingredients	69	Amphetamine/Dextroamphetamine Combination Products Extended Release	1x	Search by dispensing date	N/A	N/A
	70	Lisdexamfetamine Extended Release	1x	Search by dispensing date	N/A	N/A
	71	Methamphetamine Single-entity Products Immediate Release	1x	Search by dispensing date	N/A	N/A
	72	Methylphenidate Single-entity Products Immediate Release	1x	Search by dispensing date	N/A	N/A
	73	Methylphenidate Single-entity Products Extended Release Oral Solid	1x	Search by dispensing date	N/A	N/A

cder\_mpl1p\_wp085 Page 338 of 390



Group	Number	Covariate	Minimum # of Instances	Search due to evidence of days supply or dispensing date	Dose details	Forced supply to attach to codes
	74	Methylphenidate Single-entity Products Extended Release Oral Liquid	1x	Search by dispensing date	N/A	N/A
	75	Methylphenidate Single-entity Products Extended Release Transdermal Patch	1x	Search by dispensing date	N/A	N/A
	76	Dexmethylphenidate Single-entity Products Immediate Release	1x	Search by dispensing date	N/A	N/A
	77	Dexmethylphenidate Single-entity Products Extended Release	1x	Search by dispensing date	N/A	N/A
	78	Dexmethylphenidate/Serdexmethylphenidate Immediate Release	1x	Search by dispensing date	N/A	N/A
Active Pharamaceutical	79	Any ADHD Stimulant API Immediate Release	1x	Search by dispensing date	N/A	N/A
Ingredients	80	Any ADHD Stimulant API Extended Release	1x	Search by dispensing date	N/A	N/A
	81	Atomoexetine Immediate Release	1x	Search by dispensing date	N/A	N/A
	82	Guanfacine Extended Release	1x	Search by dispensing date	N/A	N/A
	83	Viloxazine Extended Release	1x	Search by dispensing date	N/A	N/A
	84	Clonidine Extended Release	1x	Search by dispensing date	N/A	N/A
	85	Any ADHD Non-Stimulant API Extended Release	1x	Search by dispensing date	N/A	N/A
	86	Codeine	1x	Search by dispensing date	N/A	N/A

cder\_mpl1p\_wp085 Page 339 of 390



Group	Number	Covariate	Minimum # of Instances	Search due to evidence of days supply or dispensing date	Dose details	Forced supply to attach to codes
	87	Fentanyl	1x	Search by dispensing date	N/A	N/A
	88	Hydrocodone	1x	Search by dispensing date	N/A	N/A
	89	Hydromorphone	1x	Search by dispensing date	N/A	N/A
	90	Morphine	1x	Search by dispensing date	N/A	N/A
Active Pharamaceutical Ingredients	91	Oxycodone	1x	Search by dispensing date	N/A	N/A
g.cu.c	92	Oxymorphone	1x	Search by dispensing date	N/A	N/A
	93	Other C-II Opioid Analgesics	1x	Search by dispensing date	N/A	N/A
	98	At least One Encounter in the Emergency Department in Year Prior	1x	Search by admit date	N/A	N/A
Encounters in Various Care Settings	99	At least One Encounter in the Inpatient Care Setting in Year Prior	1x	Search by admit date	N/A	N/A
Settings	100	At least One Encounter in the Outpatient Care Setting in Year Prior	1x	Search by admit date	N/A	N/A
	N/A	Diagnosis 1 (TBD upon MFU results)	N/A	N/A	N/A	N/A
Most Frequent	N/A	Diagnosis 2 (TBD upon MFU results)	N/A	N/A	N/A	N/A
Utilization	N/A	Diagnosis 3 (TBD upon MFU results)	N/A	N/A	N/A	N/A
	N/A	Diagnosis 4 (TBD upon MFU results)	N/A	N/A	N/A	N/A
	N/A	Diagnosis 5 (TBD upon MFU results)	N/A	N/A	N/A	N/A

cder\_mpl1p\_wp085 Page 340 of 390



Group	Number	Covariate	Minimum # of Instances	Search due to evidence of days supply or dispensing date	Dose details	Forced supply to attach to codes
	N/A	Number of Ambulatory visits	N/A	N/A	N/A	N/A
	N/A	Number of Emergency Department visits	N/A	N/A	N/A	N/A
Intensity of	N/A	Number of Non-Acute Institutional Stays	N/A	N/A	N/A	N/A
Health Care	N/A	Number of Inpatient Hospital Stays	N/A	N/A	N/A	N/A
Utilization		Number of other ambulatory visits (includes other non overnight ambulatory encounters such as home health visits, telemedicine, telephone and email consultations)	N/A	N/A	N/A	N/A
Intensity of Drug	N/A	Number of dispensings	N/A	N/A	N/A	N/A
Intensity of Drug Utilization	N/A	Number of unique generics dispensed	N/A	N/A	N/A	N/A
	N/A	Number of unique drug classes dispensed	N/A	N/A	N/A	N/A

cder\_mpl1p\_wp085 Page 341 of 390



Group	Number	Covariate	Continuous or Categorical?	Table Origin	Create subgroup?
Demographic	N/A <sup>1</sup>	Continuous age	Continuous	Yes	No
Characteristics					
	N/A	Age groups (5-12 13-17 18-25 26-29 30-39 40-49 50-64 65+)	Categorical	No	Yes
	N/A	Race (White, Black or African American, Asian, American	Categorical	No	No
		Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, Unknown, Multi-Racial)			
	N/A	Sex (M, F)	Categorical	Yes	Yes
	N/A	Hispanic Origin (Yes, No, Unknown)	Categorical	No	No
	N/A	US Census Region (Northeast; Midwest; South; West; Other)	Categorical	No	No
	N/A	Calendar year	Categorical	No	No
	N/A	Healthcare Payor Status (Commercial payor; Public payor)	Categorical	No	No
CCI Score	Riskscore	Charlson/Elixhauser combined comorbidity index	Continuous	Yes	No
	Riskscore	Categorical Charlson/Elixhauser combined comorbidity index (<0 0 1-2 3-4 5+)	Categorical	No	No
	1	ADHD Stimulant Medication	Categorical	Table 3	No
	2	ADHD Non-Stimulant Medication	Categorical	Table 3	No
	3	Schedule II (C-II) Opioid Analgesic	Categorical	Table 3	No
Prescription	4	Medication for Opioid-Related Disorders	Categorical	Table 3	No
Dispensed	5	Antidepressant Medication	Categorical	Table 3	No
	6	Anxiolytic or Sedative/Hypnotic Medications	Categorical	Table 3	No
	7	Antipsychotic Medication	Categorical	Table 3	No
	8	Mood Stabilizers	Categorical	Table 3	No

cder\_mpl1p\_wp085 Page 342 of 390



Group	Number	Covariate	Continuous or Categorical?	Table Origin	Create subgroup?
	9	Cancer			
	10	Non-Cancer, Chronic Pain-Related Conditions	Categorical	Table 3	No
	11	Attention-Deficit/Hyperactivity Disorder	Categorical	Table 4A	No
	12	Conduct or adjustment disorders or other related disorders on index date or year prior	Categorical	Table 3	No
	13	Narcolepsy	Categorical	Table 4A	No
	14	Binge-Eating Disorder	Categorical	Table 4A	No
Clinical Diagnoses		No diagnosis of ADHD, and no Narcolepsy, and no Binge- Eating Disorder on index date or year prior	Categorical	Table 4A	No
	AND 12)	No diagnosis of ADHD AND No Narcolepsy AND No Binge- Eating Disorder AND a diagnosis of conduct or adjustment disorders	Categorical	Table 4A	No
	15	Attention-Deficit/Hyperactivity Disorder on index date or 30 days Prior	Categorical	Table 4A	No
	16	Conduct or adjustment disorders or other related disorders on index date or 30 days Prior	Categorical	Table 4A	No
	17	Narcolepsy on index date or 30 days Prior	Categorical	Table 4A	No
	18	Binge-Eating Disorder on index date or 30 days Prior	Categorical	Table 4A	No

cder\_mpl1p\_wp085 Page 343 of 390



Group	Number	Covariate	Continuous or Categorical?	Table Origin	Create subgroup?
	95= NOT(15 OR 17 OR 18)	No diagnosis of ADHD, and no Narcolepsy, and no Binge- Eating Disorder on index date or 30 days Prior	Categorical	Table 4A	No
Clinical	97= (95 AND 16)	No diagnosis of ADHD AND No Narcolepsy AND No Binge- Eating Disorder AND a diagnosis of conduct or adjustment disorders on index date or 30 days Prior	Categorical	Table 4A	
Diagnoses	19	Hypertension	Categorical	Table 3	No
	20	Coronary artery disease	Categorical	Table 3	No
	21	Cardiac arrhythmia	Categorical	Table 3	No
	22	Cardiomyopathy	Categorical	Table 3	No
	23	Cardiac structural abnormality	Categorical	Table 3	No
	24	All other diseases of the circulatory system	Categorical	Table 3	No
	25	Epilepsy or recurrent seizures	Categorical	Table 3	No
	26	Other seizure or convulsions	Categorical	Table 3	No
	27	Depression	Categorical	Table 3	No
	28	Anxiety	Categorical	Table 3	No
	29	Bipolar Disorder	Categorical	Table 3	No
Psychiatric	30	Sleep Disorder	Categorical	Table 3	No
Conditions	31	Psychotic Disorder	Categorical	Table 3	No
	32	Post-Traumatic Stress Disorder (PTSD)	Categorical	Table 3	No
	33	Manic Episode	Categorical	Table 3	No
	34	Autistic Disorder	Categorical	Table 3	No

cder\_mpl1p\_wp085 Page 344 of 390



Group	Number	Covariate	Continuous or Categorical?	Table Origin	Create subgroup?
	35	Any Substance-Related Disorders	Categorical	Table 3	No
	36	Opioid-Related Disorders	Categorical	Table 3	No
	37	Stimulant-Related Disorders	Categorical	Table 3	No
Substance-	38	Cocaine-Related Disorders	Categorical	Table 3	No
Related Disorder	39	Other Stimulant-Related Disorders	Categorical	Table 3	No
Related Disorder	40	Alcohol-Related Disorders	Categorical	Table 3	No
	41	Cannabis-Related Disorders	Categorical	Table 3	No
	42	Tobacco-Related Disorders	Categorical	Table 3	No
	43	Nicotine Use, Excluding Tobacco-Related Disorder	Categorical	Table 3	No
	44	Unintentional or Undetermined Poisoning by Broad Category	Categorical	Table 3	No
Drug Poisoning	45	Opioid Poisoning, Unintentional or Undetermined Intent	Categorical	Table 3	No
	46	Stimulant Poisoning, Unintentional or Undetermined Intent	Categorical	Table 3	No
	47	Intentional Poisoning by Broad Category	Categorical	Table 3	No
	48	Concurrent antidepressants with ADHD Stimulant medication	Categorical	Table 5	No
	49	Concurrent benzodiazepines with ADHD Stimulant medication for at least 7 consecutive days	what	Table 5	No
Concurrent Prescriptions	50	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Stimulant medication for at least 7 consecutive days	Categorical	Table 5	No
	51	Concurrent antipsychotics with ADHD Stimulant medication for at least 7 consecutive days	Categorical	Table 5	No
	52	Concurrent antidepressants with ADHD Non-Stimulant medication for at least 7 consecutive days	Categorical	Table 5	No

cder\_mpl1p\_wp085 Page 345 of 390



Group	Number	Covariate	Continuous or Categorical?	Table Origin	Create subgroup?
	53	Concurrent benzodiazepines with ADHD Non-Stimulant medication for at least 7 consecutive days	Categorical	Table 5	No
	54	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Non-Stimulant medication for at least 7 consecutive days	Categorical	Table 5	No
	55	Concurrent antipsychotics with ADHD Non-Stimulant medication for at least 7 consecutive days	Categorical	Table 5	No
	56	Concurrent antidepressants with Schedule II Opioid Analgesic for at least 7 consecutive days	Categorical	Table 5	No
Concurrent	57	Concurrent benzodiazepines with Schedule II Opioid Analgesic for at least 7 consecutive days	Categorical	Table 5	No
Prescriptions	58	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with Schedule II Opioid Analgesic for at least 7 consecutive days	Categorical	Table 5	No
	59	Concurrent antipsychotics with Schedule II Opioid Analgesic for at least 7 consecutive days	Categorical	Table 5	No
	60	Concurrent ADHD Stimulant medication with ADHD Non- Stimulant medication for at least 7 consecutive days	Categorical	Table 5	No
	61	Concurrent ADHD Stimulant medication with all Opioid Analgesic for at least 7 consecutive days	Categorical	Table 5	No
	62	Concurrent ADHD Non-Stimulant medication with all Opioid Analgesic for at least 7 consecutive days	Categorical	Table 5	No

cder\_mpl1p\_wp085 Page 346 of 390



Group	Number	Covariate	Continuous or Categorical?	Table Origin	Create subgroup?
Concurrent Prescriptions	101	Concurrent C-II Opioid Analgesic medication with ADHD Stimulant for at least 7 consecutive days	Categorical	Table 5	No
	102	Concurrent C-II Opioid Analgesic medication with ADHD Non-Stimulant for at least 7 consecutive days	Categorical	Table 5	No
	63	Amphetamine Single-entity Products Immediate Release	Categorical		No
	64	Amphetamine Single-entity Products Extended Release Oral Solid	Categorical		No
	65	Amphetamine Single-entity Products Extended Release Oral Liquid	Categorical		No
	66	Dextroamphetamine Single-entity Products Immediate Release	Categorical		No
	67	Dextroamphetamine Single-entity Products Extended Release	Categorical		No
Active	68	Amphetamine/Dextroamphetamine Combination Products Immediate Release	Categorical		No
Pharamaceutical Ingredients	69	Amphetamine/Dextroamphetamine Combination Products Extended Release	Categorical		No
	70	Lisdexamfetamine Extended Release	Categorical		No
	71	Methamphetamine Single-entity Products Immediate Release	Categorical		No
	72	Methylphenidate Single-entity Products Immediate Release	Categorical		No
	73	Methylphenidate Single-entity Products Extended Release Oral Solid	Categorical		No

cder\_mpl1p\_wp085 Page 347 of 390



Group	Number	Covariate	Continuous or Categorical?	Table Origin	Create subgroup?
	74	Methylphenidate Single-entity Products Extended Release Oral Liquid	Categorical		No
	75	Methylphenidate Single-entity Products Extended Release Transdermal Patch	Categorical		No
	76	Dexmethylphenidate Single-entity Products Immediate Release	Categorical		No
	77	Dexmethylphenidate Single-entity Products Extended Release	Categorical		No
	78	Dexmethylphenidate/Serdexmethylphenidate Immediate Release	Categorical		No
Active Pharamaceutical	79	Any ADHD Stimulant API Immediate Release	Categorical		No
Ingredients	80	Any ADHD Stimulant API Extended Release	Categorical		No
	81	Atomoexetine Immediate Release	Categorical		No
	82	Guanfacine Extended Release	Categorical		No
	83	Viloxazine Extended Release	Categorical		No
	84	Clonidine Extended Release	Categorical		No
	85	Any ADHD Non-Stimulant API Extended Release	Categorical		No
	86	Codeine	Categorical		No

cder\_mpl1p\_wp085 Page 348 of 390



Group	Number	Covariate	Continuous or Categorical?	Table Origin	Create subgroup?
	87		Categorical		No
		Fentanyl			
	88		Categorical		No
		Hydrocodone			
	89	, my un o sou son c	Categorical		No
		Hydromorphone	o .		
	90	Trydromorphone	Categorical		No
	30	Manufica	categoriaai		110
Active	91	Morphine	Catagorical		No
Pharamaceutical			Categorical		NO
Ingredients		Oxycodone			
	92		Categorical		No
		Oxymorphone			
	93		Categorical		No
		Other C-II Opioid Analgesics			
	98	At least One Encounter in the Emergency Department in Year Prior	Categorical		No
Encounters in Various Care Settings	99	At least One Encounter in the Inpatient Care Setting in Year Prior	Categorical		No
Settings	100	At least One Encounter in the Outpatient Care Setting in Year Prior	Categorical		No
	N/A	Diagnosis 1 (TBD upon MFU results)	MFU	Table 4A	No
Most Frequent	N/A	Diagnosis 2 (TBD upon MFU results)	MFU	Table 4A	No
Utilization	N/A	Diagnosis 3 (TBD upon MFU results)	MFU	Table 4A	No
J. C.	N/A	Diagnosis 4 (TBD upon MFU results)	MFU	Table 4A	No
	N/A	Diagnosis 5 (TBD upon MFU results)	MFU	Table 4A	No

cder\_mpl1p\_wp085 Page 349 of 390



Group	Number	Covariate	Continuous or Categorical?	Table Origin	Create subgroup?
	N/A	Number of Ambulatory visits	Continuous	Yes	No
	N/A	Number of Emergency Department visits	Continuous	Yes	No
Intensity of	N/A	Number of Non-Acute Institutional Stays	Continuous	Yes	No
Health Care	N/A	Number of Inpatient Hospital Stays	Continuous	Yes	No
Utilization	N/A	Number of other ambulatory visits (includes other non overnight ambulatory encounters such as home health visits, telemedicine, telephone and email consultations)	Continuous	Yes	No
Intensity of Drug	N/A	Number of dispensings	Continuous	Yes	No
Utilization	N/A	Number of unique generics dispensed	Continuous	Yes	No
Otilization	N/A	Number of unique drug classes dispensed	Continuous	Yes	No

<sup>&</sup>lt;sup>1</sup>N/A: Not Applicable

cder\_mpl1p\_wp085 Page 350 of 390



Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request

Combination Group	Combination Description	Combination Order	Combination Code	Combination Code Behavior	Combination Encounter Type
Antidepressants with Attention-Deficit Hyperactivity Disorder (ADHD) Stimulant	Concurrent antidepressants with ADHD Stimulant medication	1	ADWADHDSTIM	RX	N/A <sup>1</sup>
Benzodiazepines with ADHD Stimulant	Concurrent benzodiazepines with ADHD Stimulant medication	2	BZWADHDSTIM	RX	N/A
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Stimulant	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Stimulant medication	3	NBWADHDSTIM	RX	N/A
Antipsychotics with ADHD Stimulant	Concurrent antipsychotics with ADHD Stimulant medication	4	APWADHDSTIM	RX	N/A
Antidepressants with ADHD Non-Stimulant	Concurrent antidepressants with ADHD Non-Stimulant medication	5	ADWADHDNSTM	RX	N/A



Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request

Combination Group	Combination Description	Combination Order	Combination Code	Combination Code Behavior	Combination Encounter Type
Benzodiazepines with ADHD Non-Stimulant	Concurrent benzodiazepines with ADHD Non-Stimulant medication	6	BZWADHDNSTM	RX	N/A
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Non-Stimulant	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Non-Stimulant medication	7	NBWADHDNSTM	RX	N/A
Antipsychotics with ADHD Non-Stimulant	Concurrent antipsychotics with ADHD Non-Stimulant medication	8	APWADHDNSTM	RX	N/A
Antidepressants with C-II Opioid Analgesic	Concurrent antidepressants with C-II Opioid Analgesic	9	ADWOPIOIDAG	RX	N/A
Benzodiazepines with C-II Opioid Analgesic	Concurrent benzodiazepines with C-II Opioid Analgesic	10	BZWOPIOIDAG	RX	N/A
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with C-II Opioid Analgesic	Concurrent nonbenzodiazepine anxiolytics or sedative or hypnotics with C-II Opioid Analgesic	11	NBWOPIOIDAG	RX	N/A



Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request

Combination Group	Combination Description	Combination Order	Combination Code	Combination Code Behavior	Combination Encounter Type
Antipsychotics with C-II Opioid Analgesic	Concurrent antipsychotics with C- II Opioid Analgesic	12	APWOPIOIDAG	RX	N/A
Exposures ADHD Stimulant with ADHD Non-Stimulant	Concurrent ADHD Stimulant medication with ADHD Non- Stimulant medication	13	EXPSTIMWNST	RX	N/A
Exposures ADHD Stimulant with C-II Opioid Analgesic	Concurrent ADHD Stimulant medication with C-II Opioid Analgesic	14	EXPSTIMWOPI	RX	N/A
Exposures ADHD Non-Stimulant with C-II Opioid Analgesic	Concurrent ADHD Non-Stimulant medication with C-II Opioid Analgesic	15	EXPNSTIMWOP	RX	N/A
Antidepressants with ADHD Stimulant	Last day of concurrency of antidepressants with ADHD Stimulant medication	16	ADASED	DX	AV
Benzodiazepines with ADHD Stimulant	Last day of concurrency of benzodiazepines with ADHD Stimulant medication	17	BZASED	DX	AV



Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request

Combination Group	Combination Description	Combination Order	Combination Code	Combination Code Behavior	Combination Encounter Type
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Stimulant	Last day of concurrency of nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Stimulant medication	18	NBASED	DX	AV
Antipsychotics with ADHD Stimulant	Last day of concurrency of antipsychotics with ADHD Stimulant medication	19	APASED	DX	AV
Antidepressants with ADHD Non-Stimulant	Last day of concurrency of antidepressants with ADHD Non-Stimulant medication	20	ADNSED	DX	AV
Benzodiazepines with ADHD Non-Stimulant	Last day of concurrency of benzodiazepines with ADHD Non- Stimulant medication	21	BZNSED	DX	AV
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Non-Stimulant	Last day of concurrency of nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Non-Stimulant medication	22	NBNSED	DX	AV

cder\_mpl1p\_wp085 Page 354 of 390



Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request

Combination Group	Combination Description	Combination Order	Combination Code	Combination Code Behavior	Combination Encounter Type
Antipsychotics with ADHD Non-Stimulant	Last day of concurrency of antipsychotics with ADHD Non-Stimulant medication	23	APNSED	DX	AV
Antidepressants with C-II Opioid Analgesic	Last day of concurrency of antidepressants with C-II Opioid Analgesic	24	ADOPED	DX	AV
Benzodiazepines with C-II Opioid Analgesic	Last day of concurrency of benzodiazepines with C-II Opioid Analgesic	25	BZOPED	DX	AV
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with C-II Opioid Analgesic	Last day of concurrency of nonbenzodiazepine anxiolytics or sedative or hypnotics with C-II Opioid Analgesic	26	NBOPED	DX	AV
Antipsychotics with C-II Opioid Analgesic	Last day of concurrency of antipsychotics with C-II Opioid Analgesic	27	APOPED	DX	AV
Exposures ADHD Stimulant with ADHD Non-Stimulant	Last day of concurrency of ADHD Stimulant medication with ADHD Non-Stimulant medication	28	ASNSED	DX	AV

cder\_mpl1p\_wp085 Page 355 of 390



Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request

Combination Group	Combination Description	Combination Order	Combination Code	Combination Code Behavior	Combination Encounter Type
Exposures ADHD Stimulant with C-II Opioid Analgesic	Last day of concurrency of ADHD Stimulant medication with C-II Opioid Analgesic	29	ASOPED	DX	AV
Exposures ADHD Non-Stimulant with C-II Opioid Analgesic	Last day of concurrency of ADHD Non-Stimulant medication with C- II Opioid Analgesic	30	NSOPED	DX	AV
Antidepressants with ADHD Stimulant	Antidepressants with ADHD Stimulant medication for at least 7 consecutive days	31	ADAS7CONCUR	RX	N/A
Benzodiazepines with ADHD Stimulant	Benzodiazepines with ADHD Stimulant medication for at least 7 consecutive days	32	BZAS7CONCUR	RX	N/A



Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request

Combination Group	Combination Description	Combination Order	Combination Code	Combination Code Behavior	Combination Encounter Type
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Stimulant	Nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Stimulant medication for at least 7 consecutive days	33	NBAS7CONCUR	RX	N/A
Antipsychotics with ADHD Stimulant	Antipsychotics with ADHD Stimulant medication for at least 7 consecutive days	34	APAS7CONCUR	RX	N/A
Antidepressants with ADHD Non-Stimulant	Antidepressants with ADHD Non- Stimulant medication for at least 7 consecutive days	35	ADNS7CONCUR	RX	N/A
Benzodiazepines with ADHD Non-Stimulant	Benzodiazepines with ADHD Non- Stimulant medication for at least 7 consecutive days	36	BZNS7CONCUR	RX	N/A



Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request

Combination Group	Combination Description	Combination Order	Combination Code	Combination Code Behavior	Combination Encounter Type
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Non-Stimulant	Nonbenzodiazepine anxiolytics or sedative or hypnotics with ADHD Non-Stimulant medication for at least 7 consecutive days	37	NBNS7CONCUR	RX	N/A
Antipsychotics with ADHD Non-Stimulant	Antipsychotics with ADHD Non- Stimulant medication for at least 7 consecutive days	38	APNS7CONCUR	RX	N/A
Antidepressants with C-II Opioid Analgesic	Antidepressants with C-II Opioid Analgesic for at least 7 consecutive days	39	ADOP7CONCUR	RX	N/A
Benzodiazepines with C-II Opioid Analgesic	Benzodiazepines with C-II Opioid Analgesic for at least 7 consecutive days	40	BZOP7CONCUR	RX	N/A



Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request

Combination Group	Combination Description	Combination Order	Combination Code	Combination Code Behavior	Combination Encounter Type
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with C-II Opioid Analgesic	Nonbenzodiazepine anxiolytics or sedative or hypnotics with C-II Opioid Analgesic for at least 7 consecutive days	41	NBOP7CONCUR	RX	N/A
Antipsychotics with C-II Opioid Analgesic	Antipsychotics with C-II Opioid Analgesic for at least 7 consecutive days	42	APOP7CONCUR	RX	N/A
Exposures ADHD Stimulant with ADHD Non-Stimulant	ADHD Stimulant medication with ADHD Non-Stimulant medication for at least 7 consecutive days	43	STNS7CONCUR	RX	N/A
Exposures ADHD Stimulant with C-II Opioid Analgesic	ADHD Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	44	STOP7CONCUR	RX	N/A

cder\_mpl1p\_wp085 Page 359 of 390



Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request

Combination Group	Combination Description	Combination Order	Combination Code	Combination Code Behavior	Combination Encounter Type
Exposures ADHD Non-Stimulant with C-II Opioid Analgesic	ADHD Non-Stimulant medication with C-II Opioid Analgesic for at least 7 consecutive days	45	NSOP7CONCUR	RX	N/A
Exposures all Opioid Analgesic with ADHD Stimulant	Concurrent all Opioid Analgesic with ADHD Stimulant medication	46	EXPSTIMW2PI	RX	N/A
Exposures all Opioid Analgesic with ADHD Non-Stimulant	Concurrent all Opioid Analgesic with ADHD Non-Stimulant medication	ADHD Non-Stimulant 47 EXPNSTIMW2P		RX	N/A
Exposures all Opioid Analgesic with ADHD Stimulant	Last day of concurrency of all Opioid Analgesic with ADHD Stimulant medication	48	AS2PED	DX	AV
Exposures all Opioid Analgesic with ADHD Non-Stimulant	Last day of concurrency of all Opioid Analgesic with ADHD Non- Stimulant medication	49	NS2PED	DX	AV
Exposures all Opioid Analgesic with ADHD Stimulant	All Opioid Analgesic with ADHD Stimulant medication for at least 7 consecutive days	50	ST2P7CONCUR	RX	N/A



## Appendix G.1 Specifications Defining Combination Baseline Characteristics Parameters for this Request

Combination Group	Combination Description	Combination Order	Combination Code	Combination Code Behavior	Combination Encounter Type
Exposures all Opioid Analgesic with ADHD Non-Stimulant	All Opioid Analgesic with ADHD Non-Stimulant medication with for at least 7 consecutive days	51	NS2P7CONCUR	RX	N/A

cder\_mpl1p\_wp085 Page 361 of 390



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Combination Principal Diagnosis	Raw Group	Raw Order	Raw Episode Type	Episode Gap	Raw Record Exclusion	Raw Record Window From Start Date
Antidepressants with ADHD Stimulant	N/A	antide pressant adhdstimulant	1 2	0 0	N/A N/A	0	N/A 0
Benzodiazepines with ADHD Stimulant	N/A	benzodiazepine adhdstimulant	1 2	0	N/A N/A	0	N/A 0
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Stimulant	N/A	nonbenzodiazepine adhdstimulant	1 2	0	N/A N/A	0	N/A 0
Antipsychotics with ADHD Stimulant	N/A	antipsychotic adhdstimulant	1 2	0	N/A N/A	0	N/A 0
Antidepressants with ADHD Non-Stimulant	N/A	antide pressant adhd non stimulant	1 2	0 0	N/A N/A	0	N/A O



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Combination Principal Diagnosis	Raw Group	Raw Order	Raw Episode Type	Episode Gap	Raw Record Exclusion	Raw Record Window From Start Date
Benzodiazepines with ADHD Non-Stimulant	N/A	benzodiazepine adhdnonstimulant	1 2	0	N/A N/A	0	N/A 0
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Non-Stimulant	N/A	nonbenzodiazepine adhdnonstimulant	1 2	0	N/A N/A	0	N/A 0
Antipsychotics with ADHD Non-Stimulant	N/A	antipsychotic adhdnonstimulant	1 2	0	N/A N/A	0	N/A 0
Antidepressants with C-II Opioid Analgesic	N/A	antidepressant opioid	1 2	0 0	N/A N/A	0	N/A 0
Benzodiazepines with C-II Opioid Analgesic	N/A	benzodiazepine opioid	1 2	0	N/A N/A	0	N/A 0
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with C-II Opioid Analgesic	N/A	nonbenzodiazepine opioid	1 2	0	N/A N/A	0	N/A 0



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Combination Principal Diagnosis	Raw Group	Raw Order	Raw Episode Type	Episode Gap	Raw Record Exclusion	Raw Record Window From Start Date
Antipsychotics with C-II Opioid Analgesic	N/A	antipsychotic opioid	1 2	0	N/A N/A	0	N/A 0
Exposures ADHD Stimulant with ADHD Non-Stimulant	N/A	adhdstimulant adhdnonstimulant	1 2	0	N/A N/A	0	N/A 0
Exposures ADHD Stimulant with C-II Opioid Analgesic	N/A	adhdstimulant opioid	1 2	0	N/A N/A	0	N/A 0
Exposures ADHD Non-Stimulant with C-II Opioid Analgesic	N/A	adhdnontimulant opioid	1 2	0	N/A N/A	0	N/A 0
Antidepressants with ADHD Stimulant	Х	adhdstimantidepressant (ComboCode ADWADHDSTIM)	1	0	N/A	0	N/A
Benzodiazepines with ADHD Stimulant	х	adhdstimbenzodiazepine (ComboCode BZWADHDSTIM)	1	0	N/A	0	N/A



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Combination Principal Diagnosis	Raw Group	Raw Order	Raw Episode Type	Episode Gap	Raw Record Exclusion	Raw Record Window From Start Date
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Stimulant	wp085 and wp083 1. Distribution 1 (overall study per 2. Distribution 2 (overall study point) 3. Distribution 3 (overall study point) 3. Distribution 3 (overall study point)	N/A					
Antipsychotics with ADHD Stimulant	х	adhdstimantipsychotic (ComboCode APWADHDSTIM)	1	0	N/A	0	N/A
Antidepressants with ADHD Non-Stimulant	х	adhdnonstimantidepressant (ComboCode ADWADHDNSTM)	1	0	N/A	0	N/A
Benzodiazepines with ADHD Non-Stimulant	х	adhdnonstimbenzodiazepine (ComboCode BZWADHDNSTM)	1	0	N/A	0	N/A
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Non-Stimulant	х	adhdnonstimnonbenzodiazepine (ComboCode NBWADHDNSTM)	1	0	N/A	0	N/A



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Combination Principal Diagnosis	Raw Group	Raw Order	Raw Episode Type	Episode Gap	Raw Record Exclusion	Raw Record Window From Start Date
Antipsychotics with ADHD Non-Stimulant	Х	adhdnonstimantipsychotic (ComboCode APWADHDNSTM)	1	0	N/A	0	N/A
Antidepressants with C-II Opioid Analgesic	Х	opioidantidepressant (ComboCode ADWOPIOIDAG)	1	0	N/A	0	N/A
Benzodiazepines with C-II Opioid Analgesic	х	opioidbenzodiazepine (ComboCode BZWOPIOIDAG)	1	0	N/A	0	N/A
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with C-II Opioid Analgesic	Х	opioidnonbenzodiazepine (ComboCode NBWOPIOIDAG)	1	0	N/A	0	N/A
Antipsychotics with C-II Opioid Analgesic	Х	opioidantipsychotic (ComboCode APWOPIOIDAG)	1	0	N/A	0	N/A
Exposures ADHD Stimulant with ADHD Non-Stimulant	Х	adhdstimadhdnonstim (ComboCode EXPSTIMWNST)	1	0	N/A	0	N/A



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Combination Principal Diagnosis	Raw Group	Raw Order	Raw Episode Type	Episode Gap	Raw Record Exclusion	Raw Record Window From Start Date
Exposures ADHD Stimulant with C-II Opioid Analgesic	Х	adhdstimopioid (ComboCode EXPSTIMWOPI)	1	0	N/A	0	N/A
Exposures ADHD Non-Stimulant with C-II Opioid Analgesic	Х	adhdnonstimopioid (ComboCode EXPNSTIMWOP)	1	0	N/A	0	N/A
Antidepressants with ADHD Stimulant	N/A	adhdstimantidepressant (ComboCode ADWADHDSTIM) edadhdstimantidepressant (ComboCode ADASED)	1 2	0 0	N/A N/A	0 1	N/A 0,5
Benzodiazepines with ADHD Stimulant	N/A	adhdstimbenzodiazepine (ComboCode BZWADHDSTIM) edadhdstimbenzodiazepine (ComboCode BZASED)	1 2	0	N/A N/A	0	N/A 0,5



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Combination Principal Diagnosis	Raw Group	Raw Order	Raw Episode Type	Episode Gap	Raw Record Exclusion	Raw Record Window From Start Date
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Stimulant	N/A	adhdstimnonbenzodiazepine (ComboCode NBWADHDSTIM) edadhdstimnonbenzodiazepine (ComboCode NBASED)	1 2	0	N/A N/A	0	N/A 0,5
Antipsychotics with ADHD Stimulant	N/A	adhdstimantipsychotic (ComboCode APWADHDSTIM) edadhdstimantipsychotic (ComboCode APASED)	1 2	0	N/A N/A	0 1	N/A 0,5
Antidepressants with ADHD Non-Stimulant	N/A	adhdnonstimantidepressant (ComboCode ADWADHDNSTM) edadhdnonstimantidepressant (ComboCode ADNSED)	1 2	0	N/A N/A	0 1	N/A 0,5
Benzodiazepines with ADHD Non-Stimulant	N/A	adhdnonstimbenzodiazepine (ComboCode BZWADHDNSTM) edadhdnonstimbenzodiazepine (ComboCode BZNSED)	1 2	0 0	N/A N/A	0 1	N/A 0,5



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Combination Principal Diagnosis	Raw Group	Raw Order	Raw Episode Type	Episode Gap	Raw Record Exclusion	Raw Record Window From Start Date
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Non-Stimulant	N/A	adhdnonstimnonbenzodiazepine (ComboCode NBWADHDNSTM) edadhdnonstimnonbenzodiazepine (ComboCode NBNSED)	1 2	0	N/A N/A	0 1	N/A 0,5
Antipsychotics with ADHD Non-Stimulant	N/A	adhdnonstimantipsychotic (ComboCode APWADHDNSTM)  edadhdnonstimantipsychotic (ComboCode APNSED)	1 2	0 0	N/A N/A	0 1	N/A 0,5
Antidepressants with C-II Opioid Analgesic	N/A	opioidantidepressant (ComboCode ADWOPIOIDAG) edopioidantidepressant (ComboCode ADOPED)	1 2	0	N/A N/A	0	N/A 0,5
Benzodiazepines with C-II Opioid Analgesic	N/A	opioidbenzodiazepine (ComboCode BZWOPIOIDAG) edopioidbenzodiazepine (ComboCode BZOPED)	1 2	0 0	N/A N/A	0 1	N/A 0,5



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Combination Principal Diagnosis	Raw Group	Raw Order	Raw Episode Type	Episode Gap	Raw Record Exclusion	Raw Record Window From Start Date
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with C-II Opioid Analgesic	N/A	opioidnonbenzodiazepine (ComboCode NBWOPIOIDAG) edopioidnonbenzodiazepine (ComboCode NBOPED)	1 2	0	N/A N/A	0 1	N/A 0,5
Antipsychotics with C-II Opioid Analgesic	N/A	opioidantipsychotic (ComboCode APWOPIOIDAG) edopioidantipsychotic (ComboCode APOPED)	1 2	0 0	N/A N/A	0 1	N/A 0,5
Exposures ADHD Stimulant with ADHD Non-Stimulant	N/A	adhdstimadhdnonstim (ComboCode EXPSTIMWNST) edadhdstimadhdnonstim (ComboCode ASNSED)	1 2	0	N/A N/A	0 1	N/A 0,5
Exposures ADHD Stimulant with C-II Opioid Analgesic	N/A	adhdstimopioid (ComboCode EXPSTIMWOPI)  edadhdstimopioid (ComboCode ASOPED)	1 2	0	N/A N/A	0 1	N/A 0,5



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Combination Principal Diagnosis	Raw Group	Raw Order	Raw Episode Type	Episode Gap	Raw Record Exclusion	Raw Record Window From Start Date
Exposures ADHD Non-Stimulant with C-II Opioid Analgesic	N/A	adhdnonstimopioid (ComboCode EXPNSTIMWOP) edadhdnonstimopioid (ComboCode NSOPED)	1 2	0 0	N/A N/A	0 1	N/A 0,5
Exposures all Opioid Analgesic with ADHD Stimulant	N/A	adhdstimulant opioidall	1 2	0	N/A N/A	0	N/A 0
Exposures all Opioid Analgesic with ADHD Non-Stimulant	N/A	adhdnontimulant opioidall	1 2	0	N/A N/A	0	N/A 0
Exposures all Opioid Analgesic with ADHD Stimulant	Х	adhdstimopioidall (ComboCode EXPSTIMW2PI)	1	0	N/A	0	N/A
Exposures all Opioid Analgesic with ADHD Non-Stimulant	Х	adhdnonstimopioidall (ComboCode EXPNSTIMW2P)	1	0	N/A	0	N/A
Exposures all Opioid Analgesic with ADHD Stimulant	N/A	adhdstimopioidall (ComboCode EXPSTIMW2PI)  edadhdstimopioidall (ComboCode AS2PED)	1 2	0	N/A N/A	0 1	N/A 0,5



## Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Combination Principal Diagnosis	Raw Group	Raw Order	Raw Episode Type	Episode Gap	Raw Record Exclusion	Raw Record Window From Start Date
Exposures all Opioid Analgesic with ADHD Non-Stimulant	N/A	adhdnonstimopioidall (ComboCode EXPNSTIMW2P) edadhdnonstimopioidall (ComboCode NS2PED)	1 2	0 0	N/A N/A	0 1	N/A 0,5



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Raw Record Window from End Date	Raw Record Duration	Raw Record Start Date Type	Raw Record End Date Type	Note
Antidepressants with ADHD Stimulant	N/A O	N/A N/A	N/A MINOVER	N/A MAXOVER	Create episode of concurrency (with length from minimum of overlap to maximum of overlap period)
Benzodiazepines with ADHD Stimulant	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Stimulant	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Antipsychotics with ADHD Stimulant	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Antidepressants with ADHD Non-Stimulant	N/A O	N/A N/A	N/A MINOVER	N/A MAXOVER	



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Raw Record Window from End Date	Raw Record Duration	Raw Record Start Date Type	Raw Record End Date Type	Note
Benzodiazepines with ADHD Non-Stimulant	N/A O	N/A N/A	N/A MINOVER	N/A MAXOVER	
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Non-Stimulant	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Antipsychotics with ADHD Non-Stimulant	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Antidepressants with C-II Opioid Analgesic	N/A O	N/A N/A	N/A MINOVER	N/A MAXOVER	
Benzodiazepines with C-II Opioid Analgesic	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with C-II Opioid Analgesic	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Raw Record Window from End Date	Raw Record Duration	Raw Record Start Date Type	Raw Record End Date Type	Note
Antipsychotics with C-II Opioid Analgesic	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Exposures ADHD Stimulant with ADHD Non-Stimulant	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Exposures ADHD Stimulant with C-II Opioid Analgesic	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Exposures ADHD Non-Stimulant with C-II Opioid Analgesic	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Antidepressants with ADHD Stimulant	N/A	N/A	EDATEB	EDATEB	Create a 1-day instance (DX code) on the last day of the previously created period of overlap combo
Benzodiazepines with ADHD Stimulant	N/A	N/A	EDATEB	EDATEB	



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Raw Record Window from End Date	Raw Record Duration	Raw Record Start Date Type	Raw Record End Date Type	Note
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Stimulant	N/A	N/A	EDATEB	EDATEB	
Antipsychotics with ADHD Stimulant	N/A	N/A	EDATEB	EDATEB	
Antidepressants with ADHD Non-Stimulant	N/A	N/A	EDATEB	EDATEB	
Benzodiazepines with ADHD Non-Stimulant	N/A	N/A	EDATEB	EDATEB	
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Non-Stimulant	N/A	N/A	EDATEB	EDATEB	



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Raw Record Window from End Date	Raw Record Duration	Raw Record Start Date Type	Raw Record End Date Type	Note
Antipsychotics with ADHD Non-Stimulant	N/A	N/A	EDATEB	EDATEB	
Antidepressants with C-II Opioid Analgesic	N/A	N/A	EDATEB	EDATEB	
Benzodiazepines with C-II Opioid Analgesic	N/A	N/A	EDATEB	EDATEB	
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with C-II Opioid Analgesic	N/A	N/A	EDATEB	EDATEB	
Antipsychotics with C-II Opioid Analgesic	N/A	N/A	EDATEB	EDATEB	
Exposures ADHD Stimulant with ADHD Non-Stimulant	N/A	N/A	EDATEB	EDATEB	



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Raw Record Window from End Date	Raw Record Duration	Raw Record Start Date Type	Raw Record End Date Type	Note
Exposures ADHD Stimulant with C-II Opioid Analgesic	N/A	N/A	EDATEB	EDATEB	
Exposures ADHD Non-Stimulant with C-II Opioid Analgesic	N/A	N/A	EDATEB	EDATEB	
Antidepressants with ADHD Stimulant	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	Check within period of concurrency (first set of combos) for presence of the end date of concurrency (second set of combos). If this END date is NOT present within the first six days (including Day 0 of concurrency, this would be range (0,5)) from the concurrency START date, then the episode must logically 7 days or longer.
Benzodiazepines with ADHD Stimulant	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	

cder\_mpl1p\_wp085 Page 378 of 390



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Raw Record Window from End Date	Raw Record Duration	Raw Record Start Date Type	Raw Record End Date Type	Note
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Stimulant	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	
Antipsychotics with ADHD Stimulant	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	
Antidepressants with ADHD Non-Stimulant	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	
Benzodiazepines with ADHD Non-Stimulant	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Raw Record Window from End Date	Raw Record Duration	Raw Record Start Date Type	Raw Record End Date Type	Note
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Non-Stimulant	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	
Antipsychotics with	N/A	N/A	N/A	N/A	
ADHD Non-Stimulant	N/A	N/A	ADATEB	EDATEB	
Antidepressants with	N/A	N/A	N/A	N/A	
C-II Opioid Analgesic	N/A	N/A	ADATEB	EDATEB	
Benzodiazepines with	N/A	N/A	N/A	N/A	
C-II Opioid Analgesic	N/A	N/A	ADATEB	EDATEB	



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Raw Record Window from End Date	Raw Record Duration	Raw Record Start Date Type	Raw Record End Date Type	Note
Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with C-II Opioid Analgesic	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	
Antipsychotics with C-II Opioid Analgesic	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	
Exposures ADHD Stimulant with ADHD Non-Stimulant	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	
Exposures ADHD Stimulant with C-II Opioid Analgesic	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	



Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Raw Record Window from End Date	Raw Record Duration	Raw Record Start Date Type	Raw Record End Date Type	Note
Exposures ADHD Non-Stimulant with C-II Opioid Analgesic	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	
Exposures all Opioid Analgesic with ADHD Stimulant	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Exposures all Opioid Analgesic with ADHD Non-Stimulant	N/A 0	N/A N/A	N/A MINOVER	N/A MAXOVER	
Exposures all Opioid Analgesic with ADHD Stimulant	N/A	N/A	EDATEB	EDATEB	
Exposures all Opioid Analgesic with ADHD Non-Stimulant	N/A	N/A	EDATEB	EDATEB	
Exposures all Opioid Analgesic with ADHD Stimulant	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	



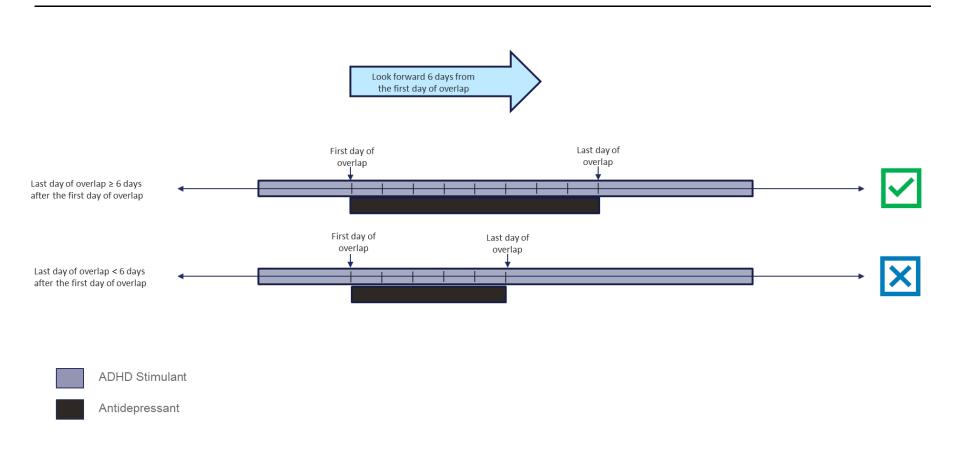
Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request

Combination Group	Raw Record Window from End Date	Raw Record Duration	Raw Record Start Date Type	Raw Record End Date Type	Note
Exposures all Opioid Analgesic with ADHD Non-Stimulant	N/A N/A	N/A N/A	N/A ADATEB	N/A EDATEB	

<sup>&</sup>lt;sup>1</sup>N/A: Not Applicable



## Appendix G.1 Specifications Defining Combo Baseline Characteristics Parameters for this Request (Continued)



cder\_mpl1p\_wp085 Page 384 of 390



# Appendix H. Specifications Defining Medical Utilization and Comorbidity Score Parameters for this Request Utilization

		Utilization		
Medical Utilization Evaluation Period Start	Medical Utilization Evaluation Period End	Medical Visit Care Settings	Drug Utilization Evaluation Period Start	Drug Utilization Evaluation Period End
-365	0	*Inpatient hospital stay;  *Non-acute institutional stay;  *Emergency department encounter;  *Ambulatory visit;  *Other ambulatory visit;	-365	0

#### **Risk Score**

		Misk Score			
Risk Score	Evaluation Period Start	Evaluation Period End	Anchor Date to Start Risk Score Evaluation	Anchor Date to End Risk Score Evaluation	Risk Score Categories
Combined comorbidity score	-365	0	Only applies to Type 4 queries *Anchor on estimated date of pregnancy start. *Anchor on date of pregnancy outcome.	Only applies to Type 4 queries *Anchor on estimated date of pregnancy start. *Anchor on date of pregnancy outcome.	<=0 1-2 3-4 5+

cder\_mpl1p\_wp085 Page 385 of 390



# Appendix I. Specifications Defining Most Frequent Utilization (MFU) Parameters for this Request

# **Most Frequent Utilization**

Number of Codes to Return	MFU Evaluation Period Start	MFU Evaluation Period End	Code Category	Code Type	Encounter Caresetting	Principal Encounter	Counting Method
20	-30	0	Diagnosis codes	ICD-10	Any care setting	Any	The MFU output is sorted by patient counts



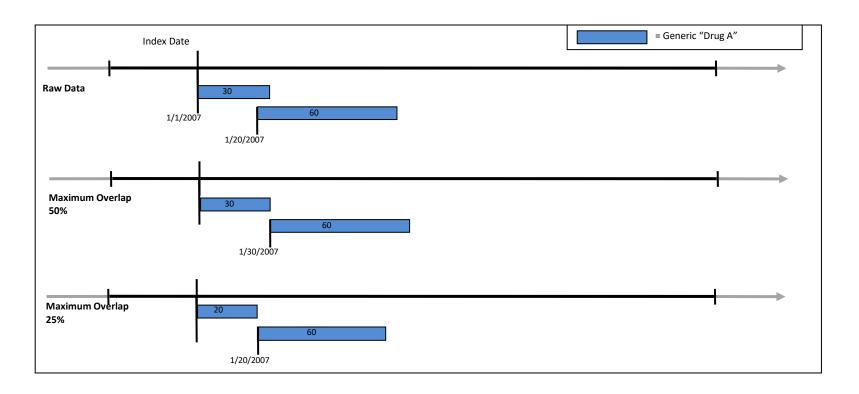
Appendix J. Specifications Defining Stockpiling Parameters Used for this Request

			Stockpiling		
Stockpiling Group	Same Day Dispensing Processing for Days Supplied	Same Day Dispensing Processing for Amount Supplied	Range of Allowable Days Supplied Values	Range of Allowable Amount Supplied Values	Overlap Percentage*
Use drug class for the stockpiling except when calculating average daily dose by active ingredient.  For calculating average daily dose by active ingredient, use generic name for stockpiling	*Uses minimum	*Adds all	7 days - HIGH	Default: Does not consider days supplied values of 0 or less	Default: No truncation will occur and any overlap of supply between dispensing will be corrected by pushing overlapping days supplied forward

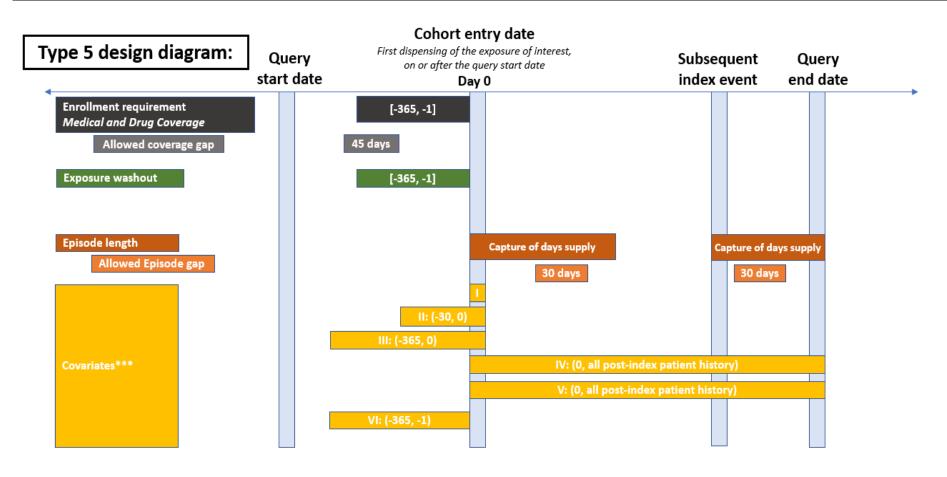
<sup>\*</sup>See below figure



# Appendix J. Specifications Defining Stockpiling Parameters Used for this Request









#### Appendix K. Design Diagram for this Request

#### \*\*\*Covariates:

Window I: Age, Age groups (5-12 13-17 18-25 26-29 30-39 40-49 50-64 65+), Calendar year, Race, Sex, Census Bureau region

Window II: Most Frequent Utilization (top 5 codes after data aggregation); Attention-Deficit/Hyperactivity Disorder (ADHD); Narcolepsy; Binge-Eating Disorder; Conduct or adjustment disorders or other related disorders; No diagnosis of ADHD, Narcolepsy, or Binge-Eating Disorder; No diagnosis of ADHD, Narcolepsy, Binge-Eating Disorder, and presence of a diagnosis of conduct or adjustment disorder

Window III: Charlson/Elixhauser Combined Comorbidity Index, ADHD Stimulant Medication; ADHD Non-Stimulant Medication; Opioid Analgesic; Medication for Opioid Use Disorder; Antidepressant Medication; Anxiolytic or Sedative/Hypnotic Medications; Antipsychotic Medication; Mood Stabilizers; Cancer; Non-Cancer (Chronic Pain-Related Conditions); Attention-Deficit/Hyperactivity Disorder; Narcolepsy; Binge-Eating Disorder; No diagnosis of ADHD, Narcolepsy, or Binge-Eating Disorder; Hypertension; Coronary artery disease; Cardiac arrhythmia; Cardiomyopathy; Cardiac structural abnormality; All other diseases of the circulatory system; Epilepsy or recurrent seizures; Other seizure or convulsions; Depression; Anxiety; Bipolar Disorder; Sleep Disorder; Post-Traumatic Stress Disorder (PTSD); Manic Episode; Autistic Disorder; Any Substance-Related Disorders; Opioid-Related Disorders; Stimulant-Related Disorders; Cocaine-Related Disorders; Other Stimulant-Related Disorders; Cannabis-Related Disorders; Current Nicotine Use; Unintentional or Undetermined Poisoning by Broad Category; Unintentional or Undetermined Poisoning by Broad Category; Unintentional Poisoning by Broad Category; Healthcare and Drug utilization Characteristics

Window IV: Concurrent occurrence of for at least 7 consecutive days: Antidepressants with ADHD Stimulant medication; Benzodiazepines with ADHD Stimulant medication; Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Non-Stimulant medication; Antipsychotics with ADHD Stimulant medication; Benzodiazepines with ADHD Non-Stimulant medication; Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with ADHD Non-Stimulant medication; Antidepressants with Schedule II (C-II) Opioid Analgesic; Benzodiazepines with C-II Opioid Analgesic; Non-Benzodiazepine Anxiolytics or Sedative/Hypnotics with C-II Opioid Analgesic; Antipsychotics with C-II Opioid Analgesic; ADHD Stimulant medication with ADHD Non-Stimulant medication; ADHD Stimulant medication with C-II Opioid Analgesic; ADHD Non-Stimulant medication; All Opioid Analgesic with ADHD Non-Stimulant medication; All Opioid Analgesic with ADHD Non-Stimulant medication

Window V: Amphetamine Single-Entity Products, Immediate Release; Amphetamine Single-entity Products, Extended Release, Oral Solid; Amphetamine Single-entity Products, Extended Release; Dextroamphetamine Single-entity Products, Extended Release; Amphetamine Single-entity Products, Extended Release; Amphetamine/Dextroamphetamine Combination Products, Immediate Release; Amphetamine/Dextroamphetamine Combination Products, Extended Release; Lisdexamfetamine, Extended Release; Methylphenidate Single-entity Products, Immediate Release; Methylphenidate Single-entity Products, Immediate Release; Methylphenidate Single-entity Products, Extended Release, Oral Liquid; Methylphenidate Single-entity Products, Extended Release, Transdermal Patch; Dexmethylphenidate Single-entity Products, Immediate Release; Dexmethylphenidate Single-entity Products, Extended Release; Dexmethylphenidate Single-entity Products, Extended Release; Dexmethylphenidate Release; Any ADHD Stimulant Active Pharmaceutical Ingredient (API), Immediate Release; Any ADHD Stimulant API, Extended Release; Clonidine, Extended Release; Any ADHD Non-Stimulant API, Extended Release; Codeine; Fentanyl; Hydrocodone; Hydromorphone; Morphine; Oxycodone; Oxymorphone; Other C-II Opioid Analgesics

Window VI: At least one encounter in the Emergency Department (ED\*); At least one encounter in the Inpatient care setting (IP\*); At least one encounter in the Outpatient (AV\*, OA\*) care setting

cder mpl1p wp085 Page 390 of 390