

## 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\_mpl2p\_wp040

**Request ID:** cder\_mpl2p\_wp040

**Request Description:** In this report we described characteristics of patients dispensed montelukast or inhaled corticosteroids (ICS) and evaluated the risk of intentional self-harm in the Sentinel Distributed Database (SDD).

**Sentinel Routine Querying Module:** Cohort Identification and Descriptive Analysis (CIDA) module, version 12.0.0, with Propensity Score Analysis module and custom programming.

**Data Source:** We distributed this request to six Data Partners on December 21, 2022. These six Data Partners are a subset of the SDD. Data from Medicare patients having both fee-for-service medical coverage and Part D drug coverage are included. The study period included data from October 1, 2015 to June 30, 2022. Please see Appendix A for a list of dates of available data for each Data Partner.

**Study Design:** We identified cohorts of incident montelukast and ICS users among health plan members who were over 10 years of age with asthma (with or without allergic rhinitis) and without chronic obstructive pulmonary disease (COPD). We then conducted a Propensity Score Analysis (PSA) comparing the two treatments using inverse probability of treatment weighting (IPTW) to adjust for confounding. We evaluated the occurrence of intentional self-harm<sup>1</sup> during exposure episodes among these cohorts and estimated hazards ratios and 95% confidence intervals of the risk of intentional self-harm in patients dispensed montelukast compared to patients dispensed ICS. This study used a retrospective active comparator new-user cohort design. This is a Type 2 analysis using the Propensity Score Analysis module in the Query Request Package (QRP) documentation.

**Exposures:** We defined the exposure of interest, montelukast, and the comparator of interest, ICS, using National Drug Codes (NDCs). Only the first qualifying dispensing of montelukast or ICS (index) in any care setting was included; cohort re-entry was not allowed. We defined new use as no prior use of montelukast, ICS monotherapy, ICS combination therapies, long-acting beta agonists (LABAs), or leukotriene receptor antagonists (LTRAs) in the 183 days prior to the index dispensing. Please see Appendix V for a list of generic and brand names used to define the exposure and comparator medical products in this request. Please see Appendix W for a list of generic and brand names of medical products used to define the washout criteria in this request.

**Outcomes of Interest:** We defined the outcome of interest as intentional self-harm events<sup>1</sup> using International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes. Please see Appendix X for a list of the diagnosis codes used to define the outcomes in this request.

**Cohort Eligibility Criteria:** We required patients included in the cohorts to be enrolled in health plans with both medical and drug coverage for at least 183 days prior to the index exposure, during which gaps in coverage of up to 45 days were allowed and treated as continuous enrollment. The following age groups were included in the cohort: 10-24, 25-54, and 55+ years. We required evidence of an asthma diagnosis in any care setting in the 183 days prior to and including the index date. We excluded index exposure episodes if there was evidence of a COPD diagnosis in any care setting in the 183 days prior to and including the index date. We additionally excluded index episodes with both the exposure and comparator dispensed on the same day. Inclusion and exclusion criteria were defined using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) codes, ICD-10-CM codes, and NDCs. Please see Appendix Y for a list of generic and brand names of medical products and Appendix Z for a list of the diagnosis codes used to define inclusion and exclusion criteria in this request.

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**Follow-up:** We determined follow-up time based on the length of the exposure episodes. Specifically, we created exposure episodes using days of product supplied per dispensing in outpatient pharmacy dispensing data. We bridged together exposure episodes less than 30 days apart and added 30 days at the end of each exposure episode to create continuous treatment episodes. We censored all exposure episodes upon dispensing of ICS monotherapy, LABAs, ICS combination therapies, or another LTRA, dispensing of an oral corticosteroid, occurrence of an asthma-related hospitalization in the primary position, or a hospitalization or institutional stay unrelated to the outcome. Follow-up began on the day after exposure initiation and continued until the first occurrence of any of the following: 1) outcome occurrence; 2) end of exposure episode; 3) censoring criteria; 4) recorded death; 5) end of available data; 6) end of query period; 7) disenrollment. Censoring criteria were defined using NDC, ICD-9-CM, ICD-10-CM, and Healthcare Common Procedure Coding System (HCPCS) codes. Please see Appendix AA for a list of generic and brand names of medical products and Appendix AB for a list of diagnosis and procedure codes used to define censoring criteria in this request.

**Baseline Covariates:** We assessed the following characteristics in the 183 days prior to and including the index date: age, year, sex, combined comorbidity score<sup>2</sup>, prior to montelukast Boxed Warning<sup>3</sup> (March 2020), following montelukast Boxed Warning, seasonality (winter, spring, summer, fall), allergic rhinitis, past medical history (anxiety, depression, sleep disorder, or substance abuse), past history of drug use (analgesic opiates, antipsychotics, anxiolytics/hypnotics, lithium and other mood stabilizers or antidepressants), and health service utilization intensity (ambulatory, inpatient and emergency encounters overall and for respiratory disorders specifically and dispensings). We assessed psychiatric history in the 183 days prior to and including the index date, which comprised of psychiatric drug dispensings, self-harm encounter<sup>4</sup> (not including the index date) or encounters for other psychiatric events including psychotherapy in the inpatient, outpatient, and emergency settings. We assessed asthma severity in the 183 days prior to and including the index date based on presence of asthma diagnosis code in inpatient, outpatient or emergency care settings, oral corticosteroid dispensing (not including the index date), use of other asthma medications such as short-acting beta-agonists, anticholinergic agents or phosphodiesterase inhibitors, moderate asthma exacerbation events, or severe asthma exacerbation events. Moderate asthma exacerbation events were defined as the presence of an asthma exacerbation code and oral corticosteroid dispensing within seven days or an asthma diagnosis code and oral corticosteroid dispensing within seven days in the emergency or outpatient settings. Severe asthma exacerbation events were defined as presence of an asthma exacerbation code in any position, asthma diagnosis code in the primary position, or an acute respiratory failure diagnosis in the primary position + asthma diagnosis in any position in the inpatient care setting. Please see Appendix AC for a list of generic and brand names of medical products and Appendices AD and AE for a list of CPT-2, CPT-4, HCPCS, ICD-9-CM, ICD-10-CM, and ICD-10-PCS diagnosis and procedure codes used to define baseline covariates in this request. Please see Appendix AF for evaluation windows used to define covariates. Please see Appendix AG for specifications used to define moderate and severe asthma exacerbation events.

**Sensitivity Analyses:** We performed the following three sensitivity analyses:

1. Inpatient and Emergency: We assessed intentional self-harm outcomes limited to the inpatient or emergency department care settings for montelukast and ICS users.
2. 0-day Gap and Extension: No montelukast or ICS exposure episodes were bridged together or extended to create continuous treatment episodes.

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3. 15-day Gap and Extension: We bridged together montelukast and ICS exposure episodes less than 15 days apart and added 15 days at the end of each exposure episode to create continuous treatment episodes

**Propensity Score Estimation:** We fit a logistic regression model to estimate the propensity score (PS) based on the potential confounders outlined in Appendix AF. After PS estimation and exclusion (i.e., trimming) of patients in non-overlapping regions of the PS distributions, the PS was used to create an average treatment effect in the treated (ATT) weight for each patient.

We initially applied three candidate weight truncation percentile thresholds to deal with potential extreme inverse probability of treatment weights: 0% (no truncation), 2.5%, and 5%. Truncation was operationalized symmetrically, in that weights smaller than the weight at the specified percentile of the weight distribution (2.5% or 5.0%) were re-assigned the value of the weight at the specified percentile (2.5<sup>th</sup> or 5<sup>th</sup>), while weights larger than the weight at the specified percentile of the weight distribution (97.5% or 95.0%) were re-assigned the value of the weight at the specified percentile (97.5<sup>th</sup> or 95.0<sup>th</sup>). After review of the distribution of inverse probability of treatment (IPT) weights for the three truncation thresholds that was blinded to effect estimates, we selected the 2.5% truncation threshold and applied it to all analyses, as this threshold avoided extreme weights.

Subgroup analyses for effect estimation included sex (male, female), age (10-24, 25-54, >=55 years), psychiatric history (patients with a history of psychiatric disorder, patients without history of psychiatric disorder), and year (2015-2020, 2021-present). Subgroups were formed out of the post-trimming overall population to ensure only those patients contributing to the overall analysis contributed to a subgroup analysis.

**Please see Appendix AH for the specifications of parameters used in this request and Appendix AI for a diagram detailing the design of this request.**

**Limitations:** As with all observational studies, this evaluation was limited in its ability to control for all sources of potential bias. Algorithms used to define exposures, outcomes, inclusion and exclusion criteria, and covariates are imperfect and may be misclassified. Therefore, data should be interpreted with this limitation in mind.

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

<sup>1</sup>Hedegaard H, Schoenbaum M, Claassen C, Crosby A, Holland K, Proescholdbell S. Issues in Developing a Surveillance Case Definition for Nonfatal Suicide Attempt and Intentional Self-harm Using International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Coded Data. *Natl Health Stat Report* . 2018;(108):1-19.

<sup>2</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol*. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care*. 2017;55(12):1046-1051)

<sup>3</sup>Clarridge K, Chin S, Eworuke E, Seymour S. A Boxed Warning for Montelukast: The FDA Perspective. *J Allergy Clin Immunol Pract*. 2021 Jul;9(7):2638-41.

<sup>4</sup>Patrick AR, Miller M, Barber CW, Wang PS, Canning CF, Schneeweiss S. Identification of hospitalizations for intentional self-harm when E-codes are incompletely recorded. *Pharmacoepidemiology and Drug Safety* . 2010;19(12):1263-1275. doi:10.1002/pds.2037

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<b><u>Glossary (CIDA)</u></b>	List of Terms to Define the Cohort Identification and Descriptive Analysis (CIDA) Found in this Report
<b><u>Glossary (PSA)</u></b>	List of Terms to Define the Propensity Score Analysis (PSA) Found in this Report
<b><u>Table 1a</u></b>	Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022
<b><u>Table 1b</u></b>	Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%), in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022
<b><u>Table 1c</u></b>	Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female
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<b><u>Table 1e</u></b>	Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male
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<b><u>Table 1l</u></b>	Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%), in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years
<b><u>Table 1m</u></b>	Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History
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**Glossary of Terms for Analyses Using  
Cohort Identification and Descriptive Analysis (CIDA) Module\***

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

\*all terms may not be used in this report



## Glossary of Terms for Analyses Using Propensity Score Analysis (PSA) Module\*

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

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

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

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

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

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

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

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

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

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

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

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

**Glossary of Terms for Analyses Using  
Propensity Score Analysis (PSA) Module\***

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

\*all terms may not be used in this report

**Table 1a. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	752,280	100.0%	923,377	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	44.7	15.8	37.7	16.6	6.949	0.429
	Number	Percent	Number	Percent		
10-24	207,867	27.6%	375,872	40.7%	-13.075	-0.278
25-54	257,154	34.2%	294,430	31.9%	2.297	0.049
≥ 55	287,259	38.2%	253,075	27.4%	10.778	0.231
Sex						
Female	497,022	66.1%	568,594	61.6%	4.491	0.094
Male	255,258	33.9%	354,783	38.4%	-4.491	-0.094
Race <sup>2</sup>						
American Indian or Alaska Native	4,641	0.6%	7,894	0.9%	-0.238	-0.028
Asian	15,993	2.1%	19,681	2.1%	-0.005	-0.000
Black or African American	81,721	10.9%	116,767	12.6%	-1.783	-0.055
Multi-racial	1,913	0.3%	1,968	0.2%	0.041	0.009
Native Hawaiian or Other Pacific Islander	1,348	0.2%	3,235	0.4%	-0.171	-0.033
Unknown	378,631	50.3%	473,550	51.3%	-0.953	-0.019
White	268,033	35.6%	300,282	32.5%	3.109	0.066
Hispanic origin						
Yes	62,019	8.2%	114,481	12.4%	-4.154	-0.137
No	349,367	46.4%	426,937	46.2%	0.205	0.004
Unknown	340,894	45.3%	381,959	41.4%	3.949	0.080

**Table 1a. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	29,141	3.9%	46,687	5.1%	-1.182	-0.057
2016	141,992	18.9%	210,011	22.7%	-3.869	-0.095
2017	164,068	21.8%	238,304	25.8%	-3.998	-0.094
2018	156,565	20.8%	202,397	21.9%	-1.107	-0.027
2019	90,783	16.4%	74,740	14.2%	2.222	0.062
2020	77,970	14.1%	69,061	13.1%	0.986	0.029
2021	69,448	12.5%	61,060	11.6%	0.964	0.030
2022	22,313	4.0%	21,117	4.0%	0.026	0.001
Pre-boxed warning	597,022	79.4%	785,015	85.0%	-5.654	-0.148
Post-boxed warning	155,258	20.6%	138,362	15.0%	5.654	0.148
Seasonality						
Winter	174,459	23.2%	232,656	25.2%	-2.006	-0.047
Spring	209,611	27.9%	206,659	22.4%	5.483	0.127
Summer	166,779	22.2%	199,054	21.6%	0.613	0.015
Autumn	201,431	26.8%	285,008	30.9%	-4.090	-0.090
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.6	1.5	1.5	1.3	0.076	0.055
	Number	Percent	Number	Percent		
Psychiatric History	385,520	51.2%	438,981	47.5%	3.706	0.074
Psychiatric Drug Dispensings <sup>4</sup>	281,086	37.4%	312,149	33.8%	3.559	0.074
Self Harm Encounter <sup>4</sup>	1,394	0.2%	2,455	0.3%	-0.081	-0.017
Encounter for Other Psychiatric Event <sup>4</sup>	320,312	42.6%	369,507	40.0%	2.562	0.052

**Table 1a. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
<b>Asthma Severity</b>						
Asthma Emergency Encounter	76,513	10.2%	110,494	12.0%	-1.795	-0.057
Asthma Inpatient Encounter	2,253	0.3%	2,905	0.3%	-0.015	-0.003
Asthma Outpatient Encounter	720,684	95.8%	888,309	96.2%	-0.402	-0.021
Oral Corticosteroid Dispensing	208,814	27.8%	233,820	25.3%	2.435	0.055
Use of Other Asthma Medication	465,439	61.9%	723,452	78.3%	-16.478	-0.366
Allergic Rhinitis	324,390	43.1%	214,432	23.2%	19.898	0.432
Anxiety	136,658	18.2%	150,459	16.3%	1.871	0.050
Depression	110,444	14.7%	126,098	13.7%	1.025	0.029
Sleep Disorder	115,514	15.4%	101,044	10.9%	4.412	0.131
Substance Abuse	24,463	3.3%	39,321	4.3%	-1.007	-0.053
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	1,319	0.2%	2,470	0.3%	-0.092	-0.020
Suffocation	30	0.0%	46	0.0%	-0.001	-0.001
Suicide Attempt	733	0.1%	1,250	0.1%	-0.038	-0.011
Toxicity	156	0.0%	275	0.0%	-0.009	-0.006
Other Self Harm	386	0.1%	630	0.1%	-0.017	-0.007
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	636,154	84.6%	779,273	84.4%	0.170	0.005
One moderate asthma exacerbation	102,254	13.6%	128,119	13.9%	-0.283	-0.008
Two or more moderate asthma exacerbations	13,872	1.8%	15,985	1.7%	0.113	0.009
No severe asthma exacerbations	746,055	99.2%	914,396	99.0%	0.145	0.015
One severe asthma exacerbation	5,976	0.8%	8,735	0.9%	-0.152	-0.016
Two or more severe asthma exacerbations	249	0.0%	246	0.0%	0.006	0.004

**Table 1a. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	149,088	19.8%	157,940	17.1%	2.714	0.070
Antipsychotics	34,679	4.6%	52,338	5.7%	-1.058	-0.048
Anxiolytics Hypnotics	135,168	18.0%	136,952	14.8%	3.136	0.085
Lithium Other Mood Stabilizers	40,612	5.4%	51,588	5.6%	-0.188	-0.008
Antidepressants	196,573	26.1%	213,423	23.1%	3.017	0.070
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.2	11.0	9.4	11.2	0.781	0.071
Mean number of emergency room encounters	0.4	1.2	0.5	1.3	-0.076	-0.061
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.000
Mean number of other ambulatory encounters	2.7	9.2	3.3	12.0	-0.610	-0.057
Mean number of filled prescriptions	15.0	14.2	14.0	14.5	0.997	0.069
Mean number of generics dispensed	7.8	4.9	7.0	4.6	0.803	0.169
Mean number of unique drug classes dispensed	7.4	4.4	6.7	4.2	0.655	0.153
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.000	-0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.012	-0.028
Mean number of outpatient visits for respiratory disorders	2.3	3.3	1.7	2.8	0.545	0.178

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1b. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1,2</sup>	Number	Percent	Number	Percent		
Weighted patients	752,230	N/A	724,855	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	44.7	15.8	44.5	16.9	0.183	0.011
	Number	Percent	Number	Percent		
10-24	207,866	27.6%	216,783	29.9%	-2.274	-0.059
25-54	257,136	34.2%	222,525	30.7%	3.484	0.078
≥ 55	287,228	38.2%	285,548	39.4%	-1.210	-0.033
Sex						
Female	496,977	66.1%	475,583	65.6%	0.456	0.010
Male	255,253	33.9%	249,273	34.4%	-0.456	-0.010
Race <sup>3</sup>						
American Indian or Alaska Native	4,641	0.6%	4,735	0.7%	-0.036	-0.005
Asian	15,992	2.1%	13,441	1.9%	0.272	0.020
Black or African American	81,716	10.9%	72,042	9.9%	0.924	0.032
Multi-racial	1,912	0.3%	1,757	0.2%	0.012	0.002
Native Hawaiian or Other Pacific Islander	1,348	0.2%	1,794	0.2%	-0.068	-0.015
Unknown	378,607	50.3%	368,744	50.9%	-0.540	-0.016
White	268,014	35.6%	262,343	36.2%	-0.563	-0.015
Hispanic origin						
Yes	62,019	8.2%	62,181	8.6%	-0.334	-0.013
No	349,360	46.4%	332,404	45.9%	0.585	0.019
Unknown	340,851	45.3%	330,270	45.6%	-0.251	-0.010
Year						
2015	29,140	3.9%	29,519	4.1%	-0.199	-0.010

**Table 1b. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2016	141,986	18.9%	139,863	19.3%	-0.420	-0.011
2017	164,064	21.8%	159,312	22.0%	-0.168	-0.004
2018	156,558	20.8%	149,324	20.6%	0.212	0.005
2019	90,771	16.4%	84,746	15.9%	0.478	0.013
2020	77,957	14.1%	74,575	14.0%	0.074	0.002
2021	69,445	12.5%	66,279	12.4%	0.095	0.003
2022	22,309	4.0%	21,236	4.0%	0.041	0.002
Pre-boxed warning	596,990	79.4%	576,339	79.5%	-0.148	-0.004
Post-boxed warning	155,240	20.6%	148,516	20.5%	0.148	0.004
Seasonality						
Winter	174,455	23.2%	169,970	23.4%	-0.257	-0.006
Spring	209,583	27.9%	196,529	27.1%	0.749	0.017
Summer	166,764	22.2%	160,889	22.2%	-0.027	-0.001
Autumn	201,428	26.8%	197,467	27.2%	-0.465	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.6	1.5	1.6	1.5	0.000	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,474	51.2%	367,807	50.7%	0.502	0.010
Psychiatric Drug Dispensings <sup>5</sup>	281,045	37.4%	267,530	36.9%	0.454	0.010
Self Harm Encounter <sup>5</sup>	1,394	0.2%	1,336	0.2%	0.001	0.000
Encounter for Other Psychiatric Event <sup>5</sup>	320,270	42.6%	304,849	42.1%	0.520	0.011
Asthma Severity						
Asthma Emergency Encounter	76,496	10.2%	73,303	10.1%	0.057	0.002
Asthma Inpatient Encounter	2,251	0.3%	2,232	0.3%	-0.009	-0.002



**Table 1b. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Outpatient Encounter	720,647	95.8%	696,565	96.1%	-0.296	-0.015
Oral Corticosteroid Dispensing	208,780	27.8%	198,495	27.4%	0.371	0.008
Use of Other Asthma Medication	465,431	61.9%	462,190	63.8%	-1.890	-0.041
Allergic Rhinitis	324,343	43.1%	294,367	40.6%	2.507	0.051
Anxiety	136,634	18.2%	129,696	17.9%	0.271	0.007
Depression	110,424	14.7%	105,269	14.5%	0.157	0.004
Sleep Disorder	115,489	15.4%	108,323	14.9%	0.409	0.012
Substance Abuse	24,457	3.3%	23,889	3.3%	-0.044	-0.003
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,318	0.2%	1,401	0.2%	-0.018	-0.004
Suffocation	30	0.0%	21	0.0%	0.001	0.002
Suicide Attempt	732	0.1%	721	0.1%	-0.002	-0.001
Toxicity	156	0.0%	153	0.0%	-0.000	-0.000
Other Self Harm	386	0.1%	394	0.1%	-0.003	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	636,120	84.6%	610,583	84.2%	0.329	0.009
One moderate asthma exacerbation	102,243	13.6%	101,035	13.9%	-0.347	-0.010
Two or more moderate asthma exacerbations	13,867	1.8%	13,238	1.8%	0.017	0.001
No severe asthma exacerbations	746,009	99.2%	718,609	99.1%	0.035	0.004
One severe asthma exacerbation	5,972	0.8%	6,007	0.8%	-0.035	-0.004
Two or more severe asthma exacerbations	249	0.0%	240	0.0%	0.000	0.000
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	149,054	19.8%	140,853	19.4%	0.383	0.010
Antipsychotics	34,673	4.6%	33,993	4.7%	-0.080	-0.004

**Table 1b. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Anxiolytics Hypnotics	135,137	18.0%	127,968	17.7%	0.311	0.008
Lithium Other Mood Stabilizers	40,602	5.4%	39,421	5.4%	-0.041	-0.002
Antidepressants	196,544	26.1%	187,126	25.8%	0.312	0.007
<b>Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date</b>						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.2	11.0	10.2	10.5	-0.029	-0.003
Mean number of emergency room encounters	0.4	1.2	0.4	1.2	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.7	9.2	2.8	9.7	-0.153	-0.016
Mean number of filled prescriptions	15.0	14.2	14.9	14.1	0.048	0.003
Mean number of generics dispensed	7.8	4.9	7.7	4.9	0.098	0.020
Mean number of unique drug classes dispensed	7.4	4.4	7.3	4.4	0.076	0.017
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.3	3.3	2.2	3.3	0.029	0.009

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

**Table 1c. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	496,977	100.0%	568,584	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	47.9	15.5	41.4	16.4	6.566	0.412
	Number	Percent	Number	Percent		
10-24	103,203	20.8%	183,929	32.3%	-11.582	-0.265
25-54	181,358	36.5%	203,714	35.8%	0.664	0.014
≥ 55	212,416	42.7%	180,941	31.8%	10.919	0.227
Sex						
Female	496,977	100.0%	568,584	100.0%	0.000	NaN
Male	0	0.0%	0	0.0%	NaN	NaN
Race <sup>2</sup>						
American Indian or Alaska Native	3,088	0.6%	5,021	0.9%	-0.262	-0.030
Asian	10,098	2.0%	11,303	2.0%	0.044	0.003
Black or African American	55,786	11.2%	73,270	12.9%	-1.661	-0.051
Multi-racial	1,273	0.3%	1,215	0.2%	0.042	0.009
Native Hawaiian or Other Pacific Islander	849	0.2%	1,892	0.3%	-0.162	-0.032
Unknown	235,671	47.4%	273,953	48.2%	-0.761	-0.015
White	190,212	38.3%	201,930	35.5%	2.759	0.057
Hispanic origin						
Yes	36,808	7.4%	64,770	11.4%	-3.985	-0.137
No	244,638	49.2%	279,907	49.2%	-0.004	-0.000
Unknown	215,531	43.4%	223,907	39.4%	3.989	0.081

**Table 1c. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	18,926	3.8%	28,513	5.0%	-1.207	-0.059
2016	92,749	18.7%	128,071	22.5%	-3.862	-0.096
2017	105,447	21.2%	144,278	25.4%	-4.157	-0.098
2018	101,436	20.4%	122,826	21.6%	-1.191	-0.029
2019	62,186	16.4%	47,616	14.0%	2.336	0.065
2020	53,781	14.2%	45,012	13.3%	0.891	0.026
2021	47,658	12.5%	38,985	11.5%	1.056	0.032
2022	14,794	3.9%	13,283	3.9%	-0.020	-0.001
Pre-boxed warning	390,634	78.6%	479,430	84.3%	-5.718	-0.148
Post-boxed warning	106,343	21.4%	89,154	15.7%	5.718	0.148
Seasonality						
Winter	115,698	23.3%	143,922	25.3%	-2.032	-0.047
Spring	138,899	27.9%	127,256	22.4%	5.568	0.129
Summer	109,776	22.1%	122,372	21.5%	0.567	0.014
Autumn	132,604	26.7%	175,034	30.8%	-4.102	-0.091
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.6	1.5	1.6	1.4	0.069	0.048
	Number	Percent	Number	Percent		
Psychiatric History	277,016	55.7%	294,831	51.9%	3.887	0.078
Psychiatric Drug Dispensings <sup>4</sup>	212,564	42.8%	220,673	38.8%	3.960	0.081
Self Harm Encounter <sup>4</sup>	1,054	0.2%	1,866	0.3%	-0.116	-0.022
Encounter for Other Psychiatric Event <sup>4</sup>	226,289	45.5%	243,362	42.8%	2.732	0.055
Asthma Severity						
Asthma Emergency Encounter	53,943	10.9%	71,994	12.7%	-1.808	-0.056

**Table 1c. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	1,704	0.3%	1,862	0.3%	0.015	0.003
Asthma Outpatient Encounter	474,471	95.5%	545,021	95.9%	-0.384	-0.019
Oral Corticosteroid Dispensing	147,880	29.8%	153,405	27.0%	2.776	0.062
Use of Other Asthma Medication	299,256	60.2%	437,726	77.0%	-16.770	-0.367
Allergic Rhinitis	213,703	43.0%	128,493	22.6%	20.402	0.445
Anxiety	108,149	21.8%	113,601	20.0%	1.782	0.044
Depression	88,988	17.9%	96,849	17.0%	0.872	0.023
Sleep Disorder	80,287	16.2%	67,006	11.8%	4.370	0.126
Substance Abuse	16,002	3.2%	24,050	4.2%	-1.010	-0.053
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,042	0.2%	1,917	0.3%	-0.127	-0.024
Suffocation	13	0.0%	27	0.0%	-0.002	-0.004
Suicide Attempt	550	0.1%	903	0.2%	-0.048	-0.013
Toxicity	113	0.0%	201	0.0%	-0.013	-0.007
Other Self Harm	293	0.1%	469	0.1%	-0.024	-0.009
Asthma Exacerbations						
No moderate asthma exacerbations	415,652	83.6%	476,141	83.7%	-0.105	-0.003
One moderate asthma exacerbation	71,216	14.3%	81,838	14.4%	-0.063	-0.002
Two or more moderate asthma exacerbations	10,109	2.0%	10,605	1.9%	0.169	0.012
No severe asthma exacerbations	492,335	99.1%	562,688	99.0%	0.103	0.010
One severe asthma exacerbation	4,456	0.9%	5,734	1.0%	-0.112	-0.012
Two or more severe asthma exacerbations	186	0.0%	162	0.0%	0.009	0.005

**Table 1c. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	114,306	23.0%	117,263	20.6%	2.377	0.058
Antipsychotics	24,875	5.0%	35,212	6.2%	-1.188	-0.052
Anxiolytics Hypnotics	106,355	21.4%	103,909	18.3%	3.125	0.078
Lithium Other Mood Stabilizers	30,777	6.2%	36,917	6.5%	-0.300	-0.012
Antidepressants	158,499	31.9%	164,696	29.0%	2.927	0.064
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	11.1	11.1	10.4	11.4	0.723	0.064
Mean number of emergency room encounters	0.5	1.3	0.6	1.4	-0.096	-0.072
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.002	-0.004
Mean number of other ambulatory encounters	2.8	8.8	3.4	11.5	-0.594	-0.058
Mean number of filled prescriptions	16.6	15.1	15.8	15.6	0.867	0.056
Mean number of generics dispensed	8.5	5.1	7.8	4.9	0.758	0.151
Mean number of unique drug classes dispensed	8.1	4.6	7.4	4.5	0.609	0.135
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	0.000	0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.5	-0.015	-0.035
Mean number of outpatient visits for respiratory disorders	2.4	3.3	1.8	2.8	0.558	0.181

**Table 1c. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1d. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1,2</sup>	Number	Percent	Number	Percent		
Weighted patients	496,923	N/A	478,441	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	47.9	15.5	47.8	16.4	0.150	0.009
	Number	Percent	Number	Percent		
10-24	103,202	20.8%	109,538	22.9%	-2.126	-0.058
25-54	181,342	36.5%	159,269	33.3%	3.204	0.071
≥ 55	212,379	42.7%	209,635	43.8%	-1.077	-0.029
Sex						
Female	496,923	100.0%	478,441	100.0%	0.000	NaN
Male	0	0.0%	0	0.0%	NaN	NaN
Race <sup>3</sup>						
American Indian or Alaska Native	3,088	0.6%	3,214	0.7%	-0.050	-0.006
Asian	10,097	2.0%	8,223	1.7%	0.313	0.023
Black or African American	55,776	11.2%	49,211	10.3%	0.939	0.031
Multi-racial	1,273	0.3%	1,177	0.2%	0.010	0.002
Native Hawaiian or Other Pacific Islander	849	0.2%	1,079	0.2%	-0.055	-0.012
Unknown	235,653	47.4%	229,044	47.9%	-0.451	-0.014
White	190,187	38.3%	186,493	39.0%	-0.706	-0.019
Hispanic origin						
Yes	36,804	7.4%	36,707	7.7%	-0.266	-0.011
No	244,604	49.2%	233,045	48.7%	0.515	0.017
Unknown	215,515	43.4%	208,690	43.6%	-0.249	-0.011



**Table 1d. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	18,925	3.8%	19,239	4.0%	-0.213	-0.011
2016	92,746	18.7%	91,432	19.1%	-0.446	-0.011
2017	105,439	21.2%	102,312	21.4%	-0.166	-0.004
2018	101,421	20.4%	96,561	20.2%	0.227	0.006
2019	62,171	16.4%	57,860	15.9%	0.517	0.014
2020	53,773	14.2%	51,475	14.1%	0.055	0.002
2021	47,654	12.5%	45,440	12.4%	0.097	0.003
2022	14,794	3.9%	14,123	3.9%	0.026	0.001
Pre-boxed warning	390,591	78.6%	376,669	78.7%	-0.126	-0.003
Post-boxed warning	106,332	21.4%	101,772	21.3%	0.126	0.003
Seasonality						
Winter	115,692	23.3%	112,594	23.5%	-0.252	-0.006
Spring	138,873	27.9%	130,032	27.2%	0.768	0.017
Summer	109,763	22.1%	105,845	22.1%	-0.034	-0.001
Autumn	132,595	26.7%	129,969	27.2%	-0.482	-0.011
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.6	1.5	1.6	1.5	0.001	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	276,966	55.7%	264,476	55.3%	0.457	0.009
Psychiatric Drug Dispensings <sup>5</sup>	212,518	42.8%	202,446	42.3%	0.453	0.009
Self Harm Encounter <sup>5</sup>	1,054	0.2%	1,053	0.2%	-0.008	-0.002
Encounter for Other Psychiatric Event <sup>5</sup>	226,244	45.5%	215,602	45.1%	0.465	0.009
Asthma Severity						
Asthma Emergency Encounter	53,930	10.9%	51,578	10.8%	0.072	0.002

**Table 1d. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	1,704	0.3%	1,674	0.3%	-0.007	-0.001
Asthma Outpatient Encounter	474,432	95.5%	458,361	95.8%	-0.329	-0.016
Oral Corticosteroid Dispensing	147,848	29.8%	140,654	29.4%	0.354	0.008
Use of Other Asthma Medication	299,248	60.2%	297,403	62.2%	-1.941	-0.041
Allergic Rhinitis	213,655	43.0%	193,693	40.5%	2.511	0.051
Anxiety	108,119	21.8%	102,739	21.5%	0.284	0.007
Depression	88,965	17.9%	84,925	17.8%	0.153	0.004
Sleep Disorder	80,269	16.2%	75,352	15.7%	0.404	0.011
Substance Abuse	15,996	3.2%	15,525	3.2%	-0.026	-0.001
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,042	0.2%	1,114	0.2%	-0.023	-0.005
Suffocation	13	0.0%	12	0.0%	0.000	0.000
Suicide Attempt	550	0.1%	539	0.1%	-0.002	-0.001
Toxicity	113	0.0%	114	0.0%	-0.001	-0.001
Other Self Harm	293	0.1%	293	0.1%	-0.002	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	415,612	83.6%	398,531	83.3%	0.339	0.009
One moderate asthma exacerbation	71,204	14.3%	70,332	14.7%	-0.371	-0.011
Two or more moderate asthma exacerbations	10,107	2.0%	9,578	2.0%	0.032	0.002
No severe asthma exacerbations	492,284	99.1%	473,795	99.0%	0.038	0.004
One severe asthma exacerbation	4,454	0.9%	4,470	0.9%	-0.038	-0.004
Two or more severe asthma exacerbations	185	0.0%	176	0.0%	0.000	0.000

**Table 1d. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	114,275	23.0%	108,004	22.6%	0.422	0.010
Antipsychotics	24,872	5.0%	24,356	5.1%	-0.085	-0.004
Anxiolytics Hypnotics	106,319	21.4%	100,893	21.1%	0.308	0.008
Lithium Other Mood Stabilizers	30,769	6.2%	29,851	6.2%	-0.047	-0.002
Antidepressants	158,469	31.9%	151,118	31.6%	0.305	0.007
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	11.1	11.1	11.1	10.7		
Mean number of emergency room encounters	0.5	1.2	0.5	1.2	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.8	8.8	2.9	9.3	-0.150	-0.017
Mean number of filled prescriptions	16.6	15.1	16.6	15.0	0.043	0.003
Mean number of generics dispensed	8.5	5.1	8.4	5.2	0.098	0.019
Mean number of unique drug classes dispensed	8.1	4.6	8.0	4.6	0.074	0.016
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.4	3.3	2.3	3.3	0.025	0.008

**Table 1d. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product	Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

**Table 1e. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	255,253	100.0%	354,773	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	38.3	15.9	31.9	16.2	6.433	0.401
	Number	Percent	Number	Percent		
10-24	104,663	41.0%	191,940	54.1%	-13.099	-0.265
25-54	75,778	29.7%	90,708	25.6%	4.120	0.092
≥ 55	74,812	29.3%	72,125	20.3%	8.979	0.209
Sex						
Female	0	0.0%	0	0.0%	NaN	NaN
Male	255,253	100.0%	354,773	100.0%	0.000	NaN
Race <sup>2</sup>						
American Indian or Alaska Native	1,553	0.6%	2,873	0.8%	-0.201	-0.024
Asian	5,894	2.3%	8,378	2.4%	-0.052	-0.003
Black or African American	25,930	10.2%	43,497	12.3%	-2.102	-0.067
Multi-racial	639	0.3%	753	0.2%	0.038	0.008
Native Hawaiian or Other Pacific Islander	499	0.2%	1,343	0.4%	-0.183	-0.034
Unknown	142,936	56.0%	199,583	56.3%	-0.259	-0.005
White	77,802	30.5%	98,346	27.7%	2.760	0.061
Hispanic origin						
Yes	25,211	9.9%	49,710	14.0%	-4.135	-0.128
No	104,722	41.0%	147,025	41.4%	-0.415	-0.008
Unknown	125,320	49.1%	158,038	44.5%	4.550	0.091

**Table 1e. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	10,214	4.0%	18,173	5.1%	-1.121	-0.054
2016	49,237	19.3%	81,937	23.1%	-3.806	-0.093
2017	58,617	23.0%	94,019	26.5%	-3.537	-0.082
2018	55,122	21.6%	79,569	22.4%	-0.833	-0.020
2019	28,585	16.4%	27,121	14.4%	2.017	0.056
2020	24,176	13.9%	24,048	12.7%	1.118	0.033
2021	21,787	12.5%	22,073	11.7%	0.794	0.024
2022	7,515	4.3%	7,833	4.2%	0.158	0.008
Pre-boxed warning	206,356	80.8%	305,569	86.1%	-5.287	-0.143
Post-boxed warning	48,897	19.2%	49,204	13.9%	5.287	0.143
Seasonality						
Winter	58,757	23.0%	88,727	25.0%	-1.990	-0.047
Spring	70,684	27.7%	79,400	22.4%	5.311	0.123
Summer	56,988	22.3%	76,678	21.6%	0.713	0.017
Autumn	68,824	27.0%	109,968	31.0%	-4.034	-0.089
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.4	1.3	1.4	1.2	0.063	0.050
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	108,458	42.5%	144,135	40.6%	1.863	0.038
Psychiatric Drug Dispensings <sup>4</sup>	68,481	26.8%	91,463	25.8%	1.048	0.024
Self Harm Encounter <sup>4</sup>	340	0.1%	589	0.2%	-0.033	-0.008
Encounter for Other Psychiatric Event <sup>4</sup>	93,981	36.8%	126,131	35.6%	1.266	0.026
Asthma Severity						
Asthma Emergency Encounter	22,553	8.8%	38,496	10.9%	-2.015	-0.068

**Table 1e. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	547	0.2%	1,043	0.3%	-0.080	-0.016
Asthma Outpatient Encounter	246,176	96.4%	343,269	96.8%	-0.313	-0.017
Oral Corticosteroid Dispensing	60,900	23.9%	80,408	22.7%	1.194	0.028
Use of Other Asthma Medication	166,175	65.1%	285,712	80.5%	-15.432	-0.352
Allergic Rhinitis	110,640	43.3%	85,936	24.2%	19.122	0.413
Anxiety	28,485	11.2%	36,854	10.4%	0.771	0.025
Depression	21,436	8.4%	29,241	8.2%	0.156	0.006
Sleep Disorder	35,202	13.8%	34,034	9.6%	4.198	0.131
Substance Abuse	8,455	3.3%	15,267	4.3%	-0.991	-0.052
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	276	0.1%	553	0.2%	-0.048	-0.013
Suffocation	17	0.0%	19	0.0%	0.001	0.002
Suicide Attempt	182	0.1%	347	0.1%	-0.027	-0.009
Toxicity	43	0.0%	74	0.0%	-0.004	-0.003
Other Self Harm	93	0.0%	161	0.0%	-0.009	-0.004
Asthma Exacerbations						
No moderate asthma exacerbations	220,468	86.4%	303,116	85.4%	0.933	0.027
One moderate asthma exacerbation	31,027	12.2%	46,281	13.0%	-0.890	-0.027
Two or more moderate asthma exacerbations	3,758	1.5%	5,376	1.5%	-0.043	-0.004
No severe asthma exacerbations	253,674	99.4%	351,688	99.1%	0.251	0.029
One severe asthma exacerbation	1,516	0.6%	3,001	0.8%	-0.252	-0.030
Two or more severe asthma exacerbations	63	0.0%	84	0.0%	0.001	0.001

**Table 1e. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	34,748	13.6%	40,669	11.5%	2.150	0.065
Antipsychotics	9,798	3.8%	17,121	4.8%	-0.987	-0.049
Anxiolytics Hypnotics	28,782	11.3%	33,036	9.3%	1.964	0.065
Lithium Other Mood Stabilizers	9,825	3.8%	14,665	4.1%	-0.285	-0.015
Antidepressants	38,045	14.9%	48,716	13.7%	1.173	0.034
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	8.4	10.5	7.8	10.7	0.563	0.053
Mean number of emergency room encounters	0.4	1.0	0.4	1.2	-0.060	-0.053
Mean number of inpatient hospital encounters	0.1	0.3	0.1	0.4	-0.001	-0.003
Mean number of other ambulatory encounters	2.5	9.8	3.2	12.9	-0.671	-0.059
Mean number of filled prescriptions	11.7	11.9	11.1	12.1	0.633	0.053
Mean number of generics dispensed	6.4	4.1	5.7	3.8	0.619	0.157
Mean number of unique drug classes dispensed	6.1	3.7	5.6	3.5	0.492	0.138
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.010	-0.025
Mean number of outpatient visits for respiratory disorders	2.1	3.2	1.6	2.8	0.494	0.164



**Table 1e. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1f. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1,2</sup>	Number	Percent	Number	Percent		
Weighted patients	255,186	N/A	246,692	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	38.3	15.9	38.1	17.0	0.172	0.010
	Number	Percent	Number	Percent		
10-24	104,660	41.0%	106,804	43.3%	-2.281	-0.057
25-54	75,765	29.7%	64,002	25.9%	3.746	0.087
≥ 55	74,761	29.3%	75,886	30.8%	-1.465	-0.043
Sex						
Female	0	0.0%	0	0.0%	NaN	NaN
Male	255,186	100.0%	246,692	100.0%	0.000	NaN
Race <sup>3</sup>						
American Indian or Alaska Native	1,553	0.6%	1,524	0.6%	-0.009	-0.001
Asian	5,891	2.3%	5,199	2.1%	0.201	0.014
Black or African American	25,926	10.2%	22,823	9.3%	0.908	0.032
Multi-racial	639	0.3%	587	0.2%	0.013	0.003
Native Hawaiian or Other Pacific Islander	499	0.2%	720	0.3%	-0.096	-0.020
Unknown	142,900	56.0%	140,031	56.8%	-0.765	-0.022
White	77,778	30.5%	75,808	30.7%	-0.251	-0.007
Hispanic origin						
Yes	25,205	9.9%	25,566	10.4%	-0.486	-0.018
No	104,695	41.0%	99,266	40.2%	0.788	0.024
Unknown	125,286	49.1%	121,860	49.4%	-0.302	-0.012

**Table 1f. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	10,212	4.0%	10,298	4.2%	-0.173	-0.009
2016	49,233	19.3%	48,531	19.7%	-0.380	-0.010
2017	58,610	23.0%	56,999	23.1%	-0.138	-0.003
2018	55,110	21.6%	52,788	21.4%	0.198	0.005
2019	28,564	16.4%	26,958	16.0%	0.371	0.010
2020	24,164	13.9%	23,129	13.7%	0.121	0.004
2021	21,782	12.5%	20,873	12.4%	0.095	0.003
2022	7,511	4.3%	7,117	4.2%	0.081	0.004
Pre-boxed warning	206,308	80.8%	199,888	81.0%	-0.181	-0.005
Post-boxed warning	48,878	19.2%	46,804	19.0%	0.181	0.005
Seasonality						
Winter	58,743	23.0%	57,418	23.3%	-0.256	-0.006
Spring	70,655	27.7%	66,572	27.0%	0.702	0.016
Summer	56,976	22.3%	55,130	22.3%	-0.021	-0.000
Autumn	68,812	27.0%	67,572	27.4%	-0.426	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.4	1.3	1.4	1.3	-0.002	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	108,402	42.5%	103,775	42.1%	0.413	0.009
Psychiatric Drug Dispensings <sup>5</sup>	68,438	26.8%	65,555	26.6%	0.245	0.006
Self Harm Encounter <sup>5</sup>	340	0.1%	280	0.1%	0.020	0.006
Encounter for Other Psychiatric Event <sup>5</sup>	93,930	36.8%	89,511	36.3%	0.524	0.011
Asthma Severity						
Asthma Emergency Encounter	22,545	8.8%	21,797	8.8%	-0.001	-0.000

**Table 1f. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	545	0.2%	554	0.2%	-0.011	-0.002
Asthma Outpatient Encounter	246,119	96.4%	238,453	96.7%	-0.213	-0.012
Oral Corticosteroid Dispensing	60,858	23.8%	58,110	23.6%	0.293	0.007
Use of Other Asthma Medication	166,164	65.1%	164,826	66.8%	-1.700	-0.037
Allergic Rhinitis	110,581	43.3%	100,934	40.9%	2.418	0.049
Anxiety	28,462	11.2%	27,243	11.0%	0.110	0.004
Depression	21,422	8.4%	20,602	8.4%	0.043	0.002
Sleep Disorder	35,166	13.8%	33,002	13.4%	0.403	0.012
Substance Abuse	8,453	3.3%	8,352	3.4%	-0.073	-0.004
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	276	0.1%	288	0.1%	-0.008	-0.003
Suffocation	17	0.0%	*****	0.0%	0.003	0.005
Suicide Attempt	181	0.1%	181	0.1%	-0.002	-0.001
Toxicity	43	0.0%	38	0.0%	0.001	0.001
Other Self Harm	93	0.0%	100	0.0%	-0.004	-0.002
Asthma Exacerbations						
No moderate asthma exacerbations	220,418	86.4%	212,250	86.0%	0.337	0.010
One moderate asthma exacerbation	31,013	12.2%	30,749	12.5%	-0.311	-0.009
Two or more moderate asthma exacerbations	3,755	1.5%	3,693	1.5%	-0.026	-0.002
No severe asthma exacerbations	253,610	99.4%	245,089	99.4%	0.032	0.004
One severe asthma exacerbation	1,515	0.6%	1,542	0.6%	-0.031	-0.004
Two or more severe asthma exacerbations	61	0.0%	61	0.0%	-0.001	-0.001

**Table 1f. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	34,707	13.6%	33,101	13.4%	0.183	0.005
Antipsychotics	9,789	3.8%	9,658	3.9%	-0.079	-0.004
Anxiolytics Hypnotics	28,753	11.3%	27,374	11.1%	0.171	0.006
Lithium Other Mood Stabilizers	9,820	3.8%	9,642	3.9%	-0.060	-0.003
Antidepressants	38,016	14.9%	36,483	14.8%	0.108	0.003
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	8.4	10.5	8.4	10.1	-0.035	-0.003
Mean number of emergency room encounters	0.4	1.0	0.4	1.1	-0.003	-0.003
Mean number of inpatient hospital encounters	0.1	0.3	0.1	0.3	-0.001	-0.004
Mean number of other ambulatory encounters	2.5	9.8	2.6	10.5	-0.163	-0.016
Mean number of filled prescriptions	11.7	11.8	11.7	11.7	-0.017	-0.001
Mean number of generics dispensed	6.3	4.1	6.3	4.1	0.066	0.016
Mean number of unique drug classes dispensed	6.0	3.7	6.0	3.7	0.050	0.014
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.1	3.2	2.1	3.2	0.032	0.010

**Table 1f. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product	Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	207,866	100.0%	375,869	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	15.6	4.0	15.0	3.8	0.628	0.161
	Number	Percent	Number	Percent		
10-24	207,866	100.0%	375,869	100.0%	0.000	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	103,203	49.6%	183,929	48.9%	0.714	0.014
Male	104,663	50.4%	191,940	51.1%	-0.714	-0.014
Race <sup>2</sup>						
American Indian or Alaska Native	1,875	0.9%	3,665	1.0%	-0.073	-0.008
Asian	3,222	1.6%	7,781	2.1%	-0.520	-0.039
Black or African American	30,299	14.6%	58,376	15.5%	-0.955	-0.027
Multi-racial	448	0.2%	676	0.2%	0.036	0.008
Native Hawaiian or Other Pacific Islander	381	0.2%	1,640	0.4%	-0.253	-0.046
Unknown	133,758	64.3%	233,458	62.1%	2.237	0.046
White	37,883	18.2%	70,273	18.7%	-0.471	-0.012
Hispanic origin						
Yes	36,006	17.3%	75,973	20.2%	-2.891	-0.074
No	71,480	34.4%	138,107	36.7%	-2.356	-0.049
Unknown	100,380	48.3%	161,789	43.0%	5.247	0.105

**Table 1g. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,717	4.7%	20,007	5.3%	-0.648	-0.030
2016	48,700	23.4%	95,877	25.5%	-2.080	-0.048
2017	59,942	28.8%	113,849	30.3%	-1.453	-0.032
2018	54,094	26.0%	92,684	24.7%	1.365	0.031
2019	13,509	16.1%	18,242	14.5%	1.596	0.044
2020	9,707	11.6%	14,961	11.9%	-0.327	-0.010
2021	8,746	10.4%	14,425	11.5%	-1.046	-0.033
2022	3,451	4.1%	5,824	4.6%	-0.518	-0.025
Pre-boxed warning	187,871	90.4%	343,756	91.5%	-1.076	-0.037
Post-boxed warning	19,995	9.6%	32,113	8.5%	1.076	0.037
Seasonality						
Winter	43,714	21.0%	89,347	23.8%	-2.741	-0.066
Spring	54,434	26.2%	78,705	20.9%	5.248	0.124
Summer	50,043	24.1%	84,614	22.5%	1.563	0.037
Autumn	59,675	28.7%	123,203	32.8%	-4.070	-0.088
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.2	0.5	1.2	0.5	-0.006	-0.012
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	68,585	33.0%	123,121	32.8%	0.238	0.005
Psychiatric Drug Dispensings <sup>4</sup>	43,114	20.7%	74,269	19.8%	0.982	0.024
Self Harm Encounter <sup>4</sup>	550	0.3%	1,164	0.3%	-0.045	-0.008
Encounter for Other Psychiatric Event <sup>4</sup>	60,178	29.0%	109,602	29.2%	-0.209	-0.005
Asthma Severity						
Asthma Emergency Encounter	24,074	11.6%	47,333	12.6%	-1.011	-0.031



**Table 1g. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	413	0.2%	1,147	0.3%	-0.106	-0.021
Asthma Outpatient Encounter	199,780	96.1%	363,819	96.8%	-0.684	-0.037
Oral Corticosteroid Dispensing	42,361	20.4%	78,548	20.9%	-0.519	-0.013
Use of Other Asthma Medication	156,993	75.5%	323,012	85.9%	-10.411	-0.266
Allergic Rhinitis	92,341	44.4%	97,740	26.0%	18.420	0.393
Anxiety	20,702	10.0%	36,971	9.8%	0.123	0.004
Depression	15,559	7.5%	27,901	7.4%	0.062	0.002
Sleep Disorder	6,788	3.3%	10,425	2.8%	0.492	0.029
Substance Abuse	2,843	1.4%	6,154	1.6%	-0.270	-0.022
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	545	0.3%	1,196	0.3%	-0.056	-0.010
Suffocation	17	0.0%	28	0.0%	0.001	0.001
Suicide Attempt	288	0.1%	621	0.2%	-0.027	-0.007
Toxicity	57	0.0%	125	0.0%	-0.006	-0.003
Other Self Harm	157	0.1%	305	0.1%	-0.006	-0.002
Asthma Exacerbations						
No moderate asthma exacerbations	181,741	87.4%	322,258	85.7%	1.695	0.050
One moderate asthma exacerbation	23,945	11.5%	48,723	13.0%	-1.443	-0.044
Two or more moderate asthma exacerbations	2,180	1.0%	4,888	1.3%	-0.252	-0.023
No severe asthma exacerbations	206,875	99.5%	372,659	99.1%	0.377	0.046
One severe asthma exacerbation	954	0.5%	3,128	0.8%	-0.373	-0.047
Two or more severe asthma exacerbations	37	0.0%	82	0.0%	-0.004	-0.003

**Table 1g. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	13,031	6.3%	20,608	5.5%	0.786	0.033
Antipsychotics	6,022	2.9%	11,755	3.1%	-0.230	-0.013
Anxiolytics Hypnotics	11,278	5.4%	17,578	4.7%	0.749	0.034
Lithium Other Mood Stabilizers	4,718	2.3%	9,029	2.4%	-0.132	-0.009
Antidepressants	21,173	10.2%	35,074	9.3%	0.854	0.029
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.5	8.1	6.6	8.5	-0.046	-0.005
Mean number of emergency room encounters	0.4	1.0	0.4	1.0	-0.036	-0.036
Mean number of inpatient hospital encounters	0.0	0.3	0.0	0.3	-0.008	-0.028
Mean number of other ambulatory encounters	2.3	10.3	2.9	12.8	-0.673	-0.058
Mean number of filled prescriptions	7.5	7.1	7.4	7.4	0.051	0.007
Mean number of generics dispensed	4.9	3.1	4.7	2.9	0.256	0.084
Mean number of unique drug classes dispensed	4.8	2.8	4.6	2.7	0.153	0.055
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.2	-0.006	-0.038
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.008	-0.022
Mean number of outpatient visits for respiratory disorders	1.8	2.9	1.5	2.5	0.356	0.133

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1h. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	207,822	N/A	201,192	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	15.6	4.0	15.5	4.0	0.080	0.020
	Number	Percent	Number	Percent		
10-24	207,822	100.0%	201,192	100.0%	0.000	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	103,172	49.6%	99,420	49.4%	0.229	0.005
Male	104,650	50.4%	101,772	50.6%	-0.229	-0.005
Race <sup>3</sup>						
American Indian or Alaska Native	1,875	0.9%	1,742	0.9%	0.036	0.004
Asian	3,222	1.6%	3,945	2.0%	-0.411	-0.031
Black or African American	30,296	14.6%	27,425	13.6%	0.947	0.029
Multi-racial	448	0.2%	390	0.2%	0.022	0.005
Native Hawaiian or Other Pacific Islander	381	0.2%	763	0.4%	-0.196	-0.037
Unknown	133,722	64.3%	132,367	65.8%	-1.447	-0.036
White	37,878	18.2%	34,560	17.2%	1.049	0.029
Hispanic origin						
Yes	36,005	17.3%	37,492	18.6%	-1.310	-0.037
No	71,473	34.4%	66,182	32.9%	1.496	0.039
Unknown	100,344	48.3%	97,517	48.5%	-0.186	-0.007

**Table 1h. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,715	4.7%	9,625	4.8%	-0.109	-0.005
2016	48,695	23.4%	47,580	23.6%	-0.218	-0.005
2017	59,932	28.8%	58,260	29.0%	-0.119	-0.003
2018	54,084	26.0%	51,662	25.7%	0.346	0.008
2019	13,500	16.1%	12,790	15.8%	0.289	0.008
2020	9,701	11.6%	9,450	11.7%	-0.112	-0.003
2021	8,744	10.4%	8,489	10.5%	-0.066	-0.002
2022	3,451	4.1%	3,336	4.1%	-0.008	-0.000
Pre-boxed warning	187,833	90.4%	181,766	90.3%	0.037	0.001
Post-boxed warning	19,989	9.6%	19,427	9.7%	-0.037	-0.001
Seasonality						
Winter	43,709	21.0%	42,880	21.3%	-0.281	-0.007
Spring	54,405	26.2%	51,246	25.5%	0.708	0.016
Summer	50,037	24.1%	48,372	24.0%	0.034	0.001
Autumn	59,671	28.7%	58,695	29.2%	-0.461	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.2	0.5	1.2	0.5	-0.001	-0.001
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	68,549	33.0%	65,949	32.8%	0.206	0.004
Psychiatric Drug Dispensings <sup>5</sup>	43,086	20.7%	40,578	20.2%	0.563	0.014
Self Harm Encounter <sup>5</sup>	550	0.3%	540	0.3%	-0.004	-0.001
Encounter for Other Psychiatric Event <sup>5</sup>	60,144	28.9%	57,626	28.6%	0.298	0.007
Asthma Severity						

**Table 1h. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	24,063	11.6%	23,267	11.6%	0.014	0.000
Asthma Inpatient Encounter	413	0.2%	437	0.2%	-0.019	-0.004
Asthma Outpatient Encounter	199,747	96.1%	193,929	96.4%	-0.275	-0.015
Oral Corticosteroid Dispensing	42,343	20.4%	41,030	20.4%	-0.019	-0.000
Use of Other Asthma Medication	156,981	75.5%	155,496	77.3%	-1.751	-0.042
Allergic Rhinitis	92,301	44.4%	84,939	42.2%	2.196	0.045
Anxiety	20,683	10.0%	19,865	9.9%	0.079	0.003
Depression	15,548	7.5%	14,960	7.4%	0.046	0.002
Sleep Disorder	6,778	3.3%	6,359	3.2%	0.101	0.006
Substance Abuse	2,840	1.4%	2,833	1.4%	-0.041	-0.004
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	545	0.3%	597	0.3%	-0.034	-0.007
Suffocation	17	0.0%	11	0.0%	0.003	0.003
Suicide Attempt	288	0.1%	307	0.2%	-0.014	-0.004
Toxicity	57	0.0%	62	0.0%	-0.003	-0.002
Other Self Harm	157	0.1%	154	0.1%	-0.001	-0.000
Asthma Exacerbations						
No moderate asthma exacerbations	181,701	87.4%	174,396	86.7%	0.750	0.022
One moderate asthma exacerbation	23,942	11.5%	24,287	12.1%	-0.551	-0.017
Two or more moderate asthma exacerbations	2,179	1.0%	2,509	1.2%	-0.199	-0.019
No severe asthma exacerbations	206,832	99.5%	200,111	99.5%	0.061	0.009
One severe asthma exacerbation	954	0.5%	1,040	0.5%	-0.058	-0.008
Two or more severe asthma exacerbations	36	0.0%	40	0.0%	-0.003	-0.002

**Table 1h. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	13,021	6.3%	12,360	6.1%	0.122	0.005
Antipsychotics	6,014	2.9%	5,945	3.0%	-0.061	-0.004
Anxiolytics Hypnotics	11,265	5.4%	10,555	5.2%	0.174	0.008
Lithium Other Mood Stabilizers	4,711	2.3%	4,602	2.3%	-0.020	-0.001
Antidepressants	21,153	10.2%	20,142	10.0%	0.167	0.006
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.5	8.1	6.6	7.8	-0.006	-0.001
Mean number of emergency room encounters	0.4	1.0	0.4	1.0	-0.002	-0.002
Mean number of inpatient hospital encounters	0.0	0.3	0.0	0.3	-0.002	-0.007
Mean number of other ambulatory encounters	2.3	10.3	2.6	11.6	-0.350	-0.032
Mean number of filled prescriptions	7.5	7.1	7.5	7.1	0.013	0.002
Mean number of generics dispensed	4.9	3.1	4.9	3.2	0.051	0.016
Mean number of unique drug classes dispensed	4.8	2.8	4.7	2.9	0.037	0.013
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.001	-0.008
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	1.8	2.9	1.8	2.8	0.043	0.015

**Table 1h. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

**Table 1i. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	257,136	100.0%	294,422	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	40.4	8.4	39.8	8.5	0.512	0.061
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	257,136	100.0%	294,422	100.0%	0.000	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	181,358	70.5%	203,714	69.2%	1.339	0.029
Male	75,778	29.5%	90,708	30.8%	-1.339	-0.029
Race <sup>2</sup>						
American Indian or Alaska Native	1,423	0.6%	2,696	0.9%	-0.362	-0.042
Asian	4,290	1.7%	5,838	2.0%	-0.314	-0.023
Black or African American	24,388	9.5%	36,234	12.3%	-2.822	-0.091
Multi-racial	1,158	0.5%	1,019	0.3%	0.104	0.017
Native Hawaiian or Other Pacific Islander	405	0.2%	1,086	0.4%	-0.211	-0.041
Unknown	171,010	66.5%	167,552	56.9%	9.597	0.198
White	54,462	21.2%	79,997	27.2%	-5.991	-0.140
Hispanic origin						
Yes	17,129	6.7%	28,465	9.7%	-3.007	-0.110
No	74,381	28.9%	116,553	39.6%	-10.660	-0.226
Unknown	165,626	64.4%	149,404	50.7%	13.667	0.279



**Table 1i. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,809	3.8%	14,029	4.8%	-0.950	-0.047
2016	48,277	18.8%	64,371	21.9%	-3.089	-0.077
2017	55,354	21.5%	75,782	25.7%	-4.212	-0.099
2018	53,238	20.7%	65,902	22.4%	-1.679	-0.041
2019	29,853	15.4%	22,844	13.4%	2.047	0.058
2020	28,162	14.6%	23,748	13.9%	0.643	0.018
2021	23,588	12.2%	19,833	11.6%	0.573	0.018
2022	8,855	4.6%	7,913	4.6%	-0.059	-0.003
Pre-boxed warning	201,267	78.3%	246,921	83.9%	-5.594	-0.143
Post-boxed warning	55,869	21.7%	47,501	16.1%	5.594	0.143
Seasonality						
Winter	59,054	23.0%	75,123	25.5%	-2.549	-0.060
Spring	75,199	29.2%	68,651	23.3%	5.928	0.135
Summer	55,310	21.5%	61,599	20.9%	0.588	0.014
Autumn	67,573	26.3%	89,049	30.2%	-3.966	-0.088
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.4	1.1	1.5	1.2	-0.053	-0.046
	Number	Percent	Number	Percent		
Psychiatric History	143,341	55.7%	168,135	57.1%	-1.362	-0.027
Psychiatric Drug Dispensings <sup>4</sup>	107,777	41.9%	126,176	42.9%	-0.941	-0.019
Self Harm Encounter <sup>4</sup>	697	0.3%	1,133	0.4%	-0.114	-0.020
Encounter for Other Psychiatric Event <sup>4</sup>	120,688	46.9%	142,464	48.4%	-1.452	-0.029
Asthma Severity						
Asthma Emergency Encounter	31,691	12.3%	43,028	14.6%	-2.290	-0.067
Asthma Inpatient Encounter	937	0.4%	1,019	0.3%	0.018	0.003

**Table 1i. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Outpatient Encounter	245,683	95.5%	281,156	95.5%	0.052	0.002
Oral Corticosteroid Dispensing	78,190	30.4%	85,969	29.2%	1.209	0.026
Use of Other Asthma Medication	171,152	66.6%	237,349	80.6%	-14.054	-0.323
Allergic Rhinitis	109,242	42.5%	59,264	20.1%	22.355	0.497
Anxiety	60,543	23.5%	68,536	23.3%	0.267	0.006
Depression	43,802	17.0%	53,481	18.2%	-1.130	-0.030
Sleep Disorder	38,542	15.0%	36,500	12.4%	2.592	0.075
Substance Abuse	13,259	5.2%	24,365	8.3%	-3.119	-0.125
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	631	0.2%	1,106	0.4%	-0.130	-0.023
Suffocation	*****	0.0%	18	0.0%	-0.001	-0.002
Suicide Attempt	364	0.1%	556	0.2%	-0.047	-0.012
Toxicity	68	0.0%	127	0.0%	-0.017	-0.009
Other Self Harm	193	0.1%	290	0.1%	-0.023	-0.008
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	215,236	83.7%	243,190	82.6%	1.106	0.030
One moderate asthma exacerbation	36,784	14.3%	44,977	15.3%	-0.971	-0.027
Two or more moderate asthma exacerbations	5,116	2.0%	6,255	2.1%	-0.135	-0.010
No severe asthma exacerbations	254,830	99.1%	291,423	99.0%	0.122	0.013
One severe asthma exacerbation	2,180	0.8%	2,893	1.0%	-0.135	-0.014
Two or more severe asthma exacerbations	126	0.0%	106	0.0%	0.013	0.006

**Table 1i. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	60,020	23.3%	72,967	24.8%	-1.441	-0.034
Antipsychotics	17,884	7.0%	28,580	9.7%	-2.752	-0.100
Anxiolytics Hypnotics	56,405	21.9%	63,986	21.7%	0.203	0.005
Lithium Other Mood Stabilizers	20,505	8.0%	27,553	9.4%	-1.384	-0.049
Antidepressants	78,747	30.6%	94,171	32.0%	-1.360	-0.029
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	9.6	11.2	10.1	12.5		
Mean number of emergency room encounters	0.6	1.5	0.7	1.8	-0.158	-0.095
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.015	-0.035
Mean number of other ambulatory encounters	2.6	9.4	3.6	12.4	-0.938	-0.085
Mean number of filled prescriptions	15.7	15.1	16.7	16.5	-1.055	-0.067
Mean number of generics dispensed	7.9	5.1	7.9	5.1	0.044	0.009
Mean number of unique drug classes dispensed	7.5	4.6	7.5	4.6	-0.029	-0.006
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.3	-0.006	-0.024
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.2	0.5	-0.022	-0.043
Mean number of outpatient visits for respiratory disorders	2.1	3.2	1.6	2.7	0.455	0.154

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	257,098	N/A	247,509	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	40.3	8.4	40.4	8.5	-0.002	-0.000
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	257,098	100.0%	247,509	100.0%	0.000	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	181,325	70.5%	173,813	70.2%	0.303	0.007
Male	75,773	29.5%	73,697	29.8%	-0.303	-0.007
Race <sup>3</sup>						
American Indian or Alaska Native	1,423	0.6%	1,561	0.6%	-0.077	-0.010
Asian	4,290	1.7%	3,969	1.6%	0.065	0.005
Black or African American	24,380	9.5%	22,652	9.2%	0.331	0.012
Multi-racial	1,158	0.5%	1,153	0.5%	-0.016	-0.002
Native Hawaiian or Other Pacific Islander	405	0.2%	556	0.2%	-0.067	-0.015
Unknown	170,992	66.5%	164,596	66.5%	0.008	0.000
White	54,450	21.2%	53,022	21.4%	-0.243	-0.007
Hispanic origin						
Yes	17,124	6.7%	16,753	6.8%	-0.108	-0.005
No	74,363	28.9%	71,058	28.7%	0.215	0.008
Unknown	165,611	64.4%	159,698	64.5%	-0.106	-0.005

**Table 1j. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,809	3.8%	9,894	4.0%	-0.182	-0.009
2016	48,273	18.8%	47,145	19.0%	-0.271	-0.007
2017	55,347	21.5%	53,421	21.6%	-0.056	-0.001
2018	53,232	20.7%	50,603	20.4%	0.260	0.007
2019	29,841	15.4%	27,945	15.0%	0.409	0.011
2020	28,155	14.6%	27,181	14.6%	-0.052	-0.001
2021	23,586	12.2%	22,778	12.2%	-0.048	-0.001
2022	8,855	4.6%	8,542	4.6%	-0.012	-0.001
Pre-boxed warning	201,238	78.3%	193,525	78.2%	0.084	0.002
Post-boxed warning	55,860	21.7%	53,984	21.8%	-0.084	-0.002
Seasonality						
Winter	59,051	23.0%	57,806	23.4%	-0.387	-0.009
Spring	75,181	29.2%	70,197	28.4%	0.881	0.019
Summer	55,297	21.5%	53,051	21.4%	0.074	0.002
Autumn	67,569	26.3%	66,456	26.8%	-0.568	-0.013
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.4	1.1	1.4	1.1	-0.002	-0.001
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	143,306	55.7%	136,908	55.3%	0.425	0.009
Psychiatric Drug Dispensings <sup>5</sup>	107,748	41.9%	102,582	41.4%	0.463	0.010
Self Harm Encounter <sup>5</sup>	697	0.3%	631	0.3%	0.016	0.003
Encounter for Other Psychiatric Event <sup>5</sup>	120,657	46.9%	115,308	46.6%	0.343	0.007
Asthma Severity						

**Table 1j. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	31,673	12.3%	30,138	12.2%	0.143	0.004
Asthma Inpatient Encounter	937	0.4%	908	0.4%	-0.003	-0.000
Asthma Outpatient Encounter	245,663	95.6%	237,326	95.9%	-0.333	-0.017
Oral Corticosteroid Dispensing	78,166	30.4%	74,954	30.3%	0.120	0.003
Use of Other Asthma Medication	171,149	66.6%	169,930	68.7%	-2.086	-0.045
Allergic Rhinitis	109,207	42.5%	99,032	40.0%	2.466	0.051
Anxiety	60,522	23.5%	57,627	23.3%	0.258	0.006
Depression	43,785	17.0%	41,970	17.0%	0.073	0.002
Sleep Disorder	38,525	15.0%	36,165	14.6%	0.373	0.011
Substance Abuse	13,257	5.2%	13,037	5.3%	-0.111	-0.005
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	630	0.2%	642	0.3%	-0.014	-0.003
Suffocation	*****	0.0%	*****	0.0%	0.001	0.002
Suicide Attempt	364	0.1%	336	0.1%	0.006	0.002
Toxicity	67	0.0%	71	0.0%	-0.003	-0.002
Other Self Harm	193	0.1%	185	0.1%	0.000	0.000
Asthma Exacerbations						
No moderate asthma exacerbations	215,206	83.7%	205,659	83.1%	0.614	0.017
One moderate asthma exacerbation	36,777	14.3%	36,893	14.9%	-0.601	-0.017
Two or more moderate asthma exacerbations	5,115	2.0%	4,957	2.0%	-0.013	-0.001
No severe asthma exacerbations	254,792	99.1%	245,214	99.1%	0.030	0.003
One severe asthma exacerbation	2,180	0.8%	2,185	0.9%	-0.035	-0.004
Two or more severe asthma exacerbations	126	0.0%	111	0.0%	0.004	0.002

**Table 1j. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	59,995	23.3%	56,905	23.0%	0.345	0.008
Antipsychotics	17,876	7.0%	17,399	7.0%	-0.077	-0.003
Anxiolytics Hypnotics	56,380	21.9%	53,575	21.6%	0.284	0.007
Lithium Other Mood Stabilizers	20,498	8.0%	19,771	8.0%	-0.015	-0.001
Antidepressants	78,728	30.6%	75,218	30.4%	0.232	0.005
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	9.6	11.2	9.7	10.8	-0.085	-0.008
Mean number of emergency room encounters	0.6	1.5	0.6	1.5	-0.004	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of other ambulatory encounters	2.6	9.4	2.7	9.4	-0.090	-0.010
Mean number of filled prescriptions	15.7	15.1	15.6	15.0	0.066	0.004
Mean number of generics dispensed	7.9	5.1	7.8	5.2	0.093	0.018
Mean number of unique drug classes dispensed	7.5	4.5	7.4	4.6	0.072	0.016
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.003
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.1	0.5	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.1	3.1	2.1	3.1	0.009	0.003

**Table 1j. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	287,228	100.0%	253,066	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	69.6	7.3	69.0	7.5	0.535	0.072
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	287,228	100.0%	253,066	100.0%	0.000	NaN
Sex						
Female	212,416	74.0%	180,941	71.5%	2.454	0.055
Male	74,812	26.0%	72,125	28.5%	-2.454	-0.055
Race <sup>2</sup>						
American Indian or Alaska Native	1,343	0.5%	1,533	0.6%	-0.138	-0.019
Asian	8,480	3.0%	6,062	2.4%	0.557	0.035
Black or African American	27,029	9.4%	22,157	8.8%	0.655	0.023
Multi-racial	306	0.1%	273	0.1%	-0.001	-0.000
Native Hawaiian or Other Pacific Islander	562	0.2%	509	0.2%	-0.005	-0.001
Unknown	73,839	25.7%	72,526	28.7%	-2.951	-0.066
White	175,669	61.2%	150,006	59.3%	1.885	0.039
Hispanic origin						
Yes	8,884	3.1%	10,042	4.0%	-0.875	-0.047
No	203,499	70.8%	172,272	68.1%	2.775	0.060
Unknown	74,845	26.1%	70,752	28.0%	-1.900	-0.043

**Table 1k. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
<b>Year</b>						
2015	9,614	3.3%	12,650	5.0%	-1.652	-0.083
2016	45,009	15.7%	49,760	19.7%	-3.993	-0.105
2017	48,768	17.0%	48,666	19.2%	-2.252	-0.059
2018	49,226	17.1%	43,809	17.3%	-0.173	-0.005
2019	47,409	17.1%	33,651	14.5%	2.586	0.071
2020	40,088	14.5%	30,351	13.1%	1.367	0.040
2021	37,111	13.4%	26,800	11.6%	1.826	0.055
2022	10,003	3.6%	7,379	3.2%	0.425	0.023
Pre-boxed warning	207,852	72.4%	194,322	76.8%	-4.422	-0.102
Post-boxed warning	79,376	27.6%	58,744	23.2%	4.422	0.102
<b>Seasonality</b>						
Winter	71,687	25.0%	68,179	26.9%	-1.983	-0.045
Spring	79,950	27.8%	59,300	23.4%	4.402	0.101
Summer	61,411	21.4%	52,837	20.9%	0.502	0.012
Autumn	74,180	25.8%	72,750	28.7%	-2.921	-0.066
<b>Health Characteristics</b>						
	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	2.0	2.0	2.0	2.1	0.004	0.002
	Number	Percent	Number	Percent		
Psychiatric History	173,548	60.4%	147,710	58.4%	2.054	0.042
Psychiatric Drug Dispensings <sup>4</sup>	130,154	45.3%	111,691	44.1%	1.179	0.024
Self Harm Encounter <sup>4</sup>	147	0.1%	158	0.1%	-0.011	-0.005
Encounter for Other Psychiatric Event <sup>4</sup>	139,404	48.5%	117,427	46.4%	2.133	0.043
<b>Asthma Severity</b>						
Asthma Emergency Encounter	20,731	7.2%	20,129	8.0%	-0.736	-0.028

**Table 1k. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	901	0.3%	739	0.3%	0.022	0.004
Asthma Outpatient Encounter	275,184	95.8%	243,315	96.1%	-0.340	-0.017
Oral Corticosteroid Dispensing	88,229	30.7%	69,296	27.4%	3.335	0.074
Use of Other Asthma Medication	137,286	47.8%	163,077	64.4%	-16.644	-0.340
Allergic Rhinitis	122,760	42.7%	57,425	22.7%	20.048	0.437
Anxiety	55,389	19.3%	44,948	17.8%	1.523	0.039
Depression	51,063	17.8%	44,708	17.7%	0.111	0.003
Sleep Disorder	70,159	24.4%	54,115	21.4%	3.042	0.072
Substance Abuse	8,355	2.9%	8,798	3.5%	-0.568	-0.032
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	142	0.0%	168	0.1%	-0.017	-0.007
Suffocation	*****	0.0%	0	0.0%	NaN	NaN
Suicide Attempt	80	0.0%	73	0.0%	-0.001	-0.001
Toxicity	31	0.0%	23	0.0%	0.002	0.002
Other Self Harm	36	0.0%	35	0.0%	-0.001	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	239,143	83.3%	213,809	84.5%	-1.229	-0.033
One moderate asthma exacerbation	41,514	14.5%	34,419	13.6%	0.853	0.025
Two or more moderate asthma exacerbations	6,571	2.3%	4,838	1.9%	0.376	0.026
No severe asthma exacerbations	284,304	99.0%	250,294	98.9%	0.077	0.008
One severe asthma exacerbation	2,838	1.0%	2,714	1.1%	-0.084	-0.008
Two or more severe asthma exacerbations	86	0.0%	58	0.0%	0.007	0.004

**Table 1k. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	76,003	26.5%	64,357	25.4%	1.030	0.023
Antipsychotics	10,767	3.7%	11,998	4.7%	-0.992	-0.049
Anxiolytics Hypnotics	67,454	23.5%	55,381	21.9%	1.600	0.038
Lithium Other Mood Stabilizers	15,379	5.4%	15,000	5.9%	-0.573	-0.025
Antidepressants	96,624	33.6%	84,167	33.3%	0.381	0.008
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.3	12.3	12.7	12.4	0.533	0.043
Mean number of emergency room encounters	0.3	0.9	0.4	1.0	-0.024	-0.026
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.006	-0.015
Mean number of other ambulatory encounters	3.0	7.8	3.5	10.3	-0.471	-0.052
Mean number of filled prescriptions	19.8	15.5	20.5	16.7	-0.726	-0.045
Mean number of generics dispensed	9.7	5.1	9.3	5.0	0.368	0.073
Mean number of unique drug classes dispensed	9.2	4.6	9.0	4.5	0.222	0.049
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.006	-0.019
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.006	-0.014
<a href="#">Mean number of outpatient visits for respiratory disorders</a>	<a href="#">2.7</a>	<a href="#">3.7</a>	<a href="#">2.2</a>	<a href="#">3.3</a>	<a href="#">0.550</a>	<a href="#">0.157</a>

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 11. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	287,144	N/A	275,968	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	69.6	7.3	69.6	7.4	-0.017	-0.002
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	287,144	100.0%	275,968	100.0%	0.000	NaN
Sex						
Female	212,348	74.0%	203,283	73.7%	0.290	0.007
Male	74,796	26.0%	72,685	26.3%	-0.290	-0.007
Race <sup>3</sup>						
American Indian or Alaska Native	1,343	0.5%	1,425	0.5%	-0.048	-0.007
Asian	8,475	3.0%	5,678	2.1%	0.894	0.058
Black or African American	27,010	9.4%	21,913	7.9%	1.466	0.053
Multi-racial	305	0.1%	315	0.1%	-0.008	-0.002
Native Hawaiian or Other Pacific Islander	562	0.2%	481	0.2%	0.021	0.005
Unknown	73,813	25.7%	71,612	25.9%	-0.243	-0.009
White	175,636	61.2%	174,544	63.2%	-2.081	-0.055
Hispanic origin						
Yes	8,876	3.1%	8,067	2.9%	0.168	0.010
No	203,448	70.9%	194,613	70.5%	0.332	0.014
Unknown	74,820	26.1%	73,288	26.6%	-0.500	-0.026

**Table 11. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
<b>Year</b>						
2015	9,613	3.3%	9,962	3.6%	-0.262	-0.014
2016	45,006	15.7%	44,874	16.3%	-0.587	-0.016
2017	48,750	17.0%	47,454	17.2%	-0.218	-0.006
2018	49,202	17.1%	46,836	17.0%	0.163	0.004
2019	47,386	17.1%	44,022	16.6%	0.570	0.015
2020	40,082	14.5%	38,131	14.3%	0.146	0.004
2021	37,105	13.4%	35,213	13.2%	0.167	0.005
2022	10,000	3.6%	9,475	3.6%	0.051	0.003
Pre-boxed warning	207,782	72.4%	200,387	72.6%	-0.251	-0.006
Post-boxed warning	79,362	27.6%	75,581	27.4%	0.251	0.006
<b>Seasonality</b>						
Winter	71,676	25.0%	69,398	25.1%	-0.186	-0.004
Spring	79,909	27.8%	74,796	27.1%	0.726	0.016
Summer	61,388	21.4%	59,339	21.5%	-0.123	-0.003
Autumn	74,171	25.8%	72,435	26.2%	-0.417	-0.010
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	2.0	2.0	2.0	2.0	0.000	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	173,477	60.4%	165,228	59.9%	0.543	0.011
Psychiatric Drug Dispensings <sup>5</sup>	130,087	45.3%	124,206	45.0%	0.296	0.006
Self Harm Encounter <sup>5</sup>	147	0.1%	131	0.0%	0.004	0.002
Encounter for Other Psychiatric Event <sup>5</sup>	139,348	48.5%	132,087	47.9%	0.666	0.013
<b>Asthma Severity</b>						

**Table 11. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	20,723	7.2%	19,724	7.1%	0.070	0.003
Asthma Inpatient Encounter	898	0.3%	879	0.3%	-0.006	-0.001
Asthma Outpatient Encounter	275,111	95.8%	265,254	96.1%	-0.308	-0.016
Oral Corticosteroid Dispensing	88,179	30.7%	83,212	30.2%	0.556	0.012
Use of Other Asthma Medication	137,269	47.8%	136,575	49.5%	-1.684	-0.034
Allergic Rhinitis	122,683	42.7%	110,480	40.0%	2.692	0.055
Anxiety	55,351	19.3%	52,304	19.0%	0.323	0.008
Depression	51,035	17.8%	48,396	17.5%	0.236	0.006
Sleep Disorder	70,131	24.4%	66,019	23.9%	0.501	0.012
Substance Abuse	8,347	2.9%	7,886	2.9%	0.049	0.003
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	142	0.0%	131	0.0%	0.002	0.001
Suffocation	*****	0.0%	0	0.0%	NaN	NaN
Suicide Attempt	80	0.0%	59	0.0%	0.006	0.004
Toxicity	31	0.0%	17	0.0%	0.005	0.005
Other Self Harm	36	0.0%	28	0.0%	0.002	0.002
Asthma Exacerbations						
No moderate asthma exacerbations	239,080	83.3%	230,505	83.5%	-0.265	-0.007
One moderate asthma exacerbation	41,496	14.5%	39,602	14.4%	0.101	0.003
Two or more moderate asthma exacerbations	6,568	2.3%	5,861	2.1%	0.164	0.011
No severe asthma exacerbations	284,225	99.0%	273,105	99.0%	0.021	0.002
One severe asthma exacerbation	2,836	1.0%	2,787	1.0%	-0.022	-0.002
Two or more severe asthma exacerbations	83	0.0%	76	0.0%	0.001	0.001

**Table 11. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	75,951	26.5%	71,700	26.0%	0.469	0.011
Antipsychotics	10,759	3.7%	10,510	3.8%	-0.062	-0.003
Anxiolytics Hypnotics	67,400	23.5%	64,006	23.2%	0.279	0.007
Lithium Other Mood Stabilizers	15,368	5.4%	14,964	5.4%	-0.070	-0.003
Antidepressants	96,581	33.6%	92,016	33.3%	0.292	0.006
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	13.3	12.3	13.3	11.7		
Mean number of emergency room encounters	0.3	0.9	0.3	0.9	0.001	0.001
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.000
Mean number of other ambulatory encounters	3.0	7.8	3.1	8.1	-0.043	-0.005
Mean number of filled prescriptions	19.8	15.5	19.8	15.3	-0.022	-0.001
Mean number of generics dispensed	9.7	5.1	9.6	5.2	0.092	0.018
Mean number of unique drug classes dispensed	9.2	4.6	9.1	4.6	0.070	0.015
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.001	-0.003
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.7	3.7	2.7	3.8	0.022	0.006



**Table 11. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	366,756	100.0%	484,391	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	39.7	15.7	32.9	15.9	6.757	0.429
	Number	Percent	Number	Percent		
10-24	139,281	38.0%	252,748	52.2%	-14.202	-0.288
25-54	113,795	31.0%	126,287	26.1%	4.956	0.110
≥ 55	113,680	31.0%	105,356	21.8%	9.246	0.211
Sex						
Female	219,961	60.0%	273,753	56.5%	3.460	0.070
Male	146,795	40.0%	210,638	43.5%	-3.460	-0.070
Race <sup>2</sup>						
American Indian or Alaska Native	2,125	0.6%	3,847	0.8%	-0.215	-0.026
Asian	10,460	2.9%	13,781	2.8%	0.007	0.000
Black or African American	40,995	11.2%	63,077	13.0%	-1.844	-0.057
Multi-racial	1,061	0.3%	1,120	0.2%	0.058	0.011
Native Hawaiian or Other Pacific Islander	795	0.2%	2,164	0.4%	-0.230	-0.040
Unknown	213,063	58.1%	282,638	58.3%	-0.255	-0.005
White	98,257	26.8%	117,764	24.3%	2.479	0.057
Hispanic origin						
Yes	38,389	10.5%	73,527	15.2%	-4.712	-0.141
No	141,924	38.7%	189,967	39.2%	-0.521	-0.011
Unknown	186,443	50.8%	220,897	45.6%	5.233	0.105

**Table 1m. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	15,456	4.2%	25,241	5.2%	-0.997	-0.047
2016	73,028	19.9%	113,667	23.5%	-3.554	-0.086
2017	84,999	23.2%	130,717	27.0%	-3.810	-0.088
2018	79,850	21.8%	108,392	22.4%	-0.605	-0.015
2019	40,339	16.1%	35,999	14.0%	2.052	0.057
2020	34,053	13.6%	32,400	12.6%	0.950	0.028
2021	29,079	11.6%	27,760	10.8%	0.775	0.025
2022	9,952	4.0%	10,215	4.0%	-0.013	-0.001
Pre-boxed warning	300,131	81.8%	420,266	86.8%	-4.928	-0.136
Post-boxed warning	66,625	18.2%	64,125	13.2%	4.928	0.136
Seasonality						
Winter	84,483	23.0%	122,437	25.3%	-2.241	-0.052
Spring	101,542	27.7%	107,562	22.2%	5.481	0.127
Summer	81,177	22.1%	103,540	21.4%	0.758	0.018
Autumn	99,554	27.1%	150,852	31.1%	-3.998	-0.088
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.2	1.0	1.1	0.8	0.030	0.033
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	0	0.0%	0	0.0%	NaN	NaN
Psychiatric Drug Dispensings <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Self Harm Encounter <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Encounter for Other Psychiatric Event <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Asthma Severity						
Asthma Emergency Encounter	29,345	8.0%	48,926	10.1%	-2.099	-0.073

**Table 1m. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	762	0.2%	1,157	0.2%	-0.031	-0.007
Asthma Outpatient Encounter	356,966	97.3%	472,199	97.5%	-0.152	-0.010
Oral Corticosteroid Dispensing	86,673	23.6%	108,718	22.4%	1.188	0.028
Use of Other Asthma Medication	240,264	65.5%	387,216	79.9%	-14.428	-0.328
Allergic Rhinitis	159,611	43.5%	118,967	24.6%	18.960	0.408
Anxiety	0	0.0%	0	0.0%	NaN	NaN
Depression	0	0.0%	0	0.0%	NaN	NaN
Sleep Disorder	0	0.0%	0	0.0%	NaN	NaN
Substance Abuse	0	0.0%	0	0.0%	NaN	NaN
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	182	0.0%	337	0.1%	-0.020	-0.008
Suffocation	*****	0.0%	*****	0.0%	-0.000	-0.001
Suicide Attempt	95	0.0%	152	0.0%	-0.005	-0.003
Toxicity	19	0.0%	26	0.0%	-0.000	-0.000
Other Self Harm	46	0.0%	60	0.0%	0.000	0.000
Asthma Exacerbations						
No moderate asthma exacerbations	315,935	86.1%	412,779	85.2%	0.927	0.026
One moderate asthma exacerbation	45,527	12.4%	64,410	13.3%	-0.884	-0.026
Two or more moderate asthma exacerbations	5,294	1.4%	7,202	1.5%	-0.043	-0.004
No severe asthma exacerbations	365,007	99.5%	481,260	99.4%	0.169	0.023
One severe asthma exacerbation	1,706	0.5%	3,089	0.6%	-0.173	-0.023
Two or more severe asthma exacerbations	43	0.0%	42	0.0%	0.003	0.003

**Table 1m. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	38,221	10.4%	42,767	8.8%	1.592	0.054
Antipsychotics	0	0.0%	0	0.0%	NaN	NaN
Anxiolytics Hypnotics	0	0.0%	0	0.0%	NaN	NaN
Lithium Other Mood Stabilizers	0	0.0%	0	0.0%	NaN	NaN
Antidepressants	78	0.0%	129	0.0%	-0.005	-0.003
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.7	7.3	5.9	6.6	0.797	0.114
Mean number of emergency room encounters	0.3	0.7	0.3	0.8	-0.053	-0.072
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.2	-0.000	-0.001
Mean number of other ambulatory encounters	1.2	4.3	1.3	5.0	-0.049	-0.010
Mean number of filled prescriptions	9.0	8.2	8.1	7.6	0.915	0.116
Mean number of generics dispensed	5.6	3.4	5.0	3.1	0.589	0.183
Mean number of unique drug classes dispensed	5.3	3.1	4.9	2.8	0.472	0.160
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.001	-0.005
Mean number of emergency department visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.013	-0.038
Mean number of outpatient visits for respiratory disorders	2.0	3.0	1.5	2.6	0.451	0.160

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	366,686	N/A	354,802	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	39.7	15.7	39.5	16.8	0.175	0.011
	Number	Percent	Number	Percent		
10-24	139,278	38.0%	143,485	40.4%	-2.458	-0.059
25-54	113,786	31.0%	96,077	27.1%	3.952	0.092
≥ 55	113,622	31.0%	115,240	32.5%	-1.494	-0.046
Sex						
Female	219,913	60.0%	211,219	59.5%	0.441	0.009
Male	146,773	40.0%	143,583	40.5%	-0.441	-0.009
Race <sup>3</sup>						
American Indian or Alaska Native	2,125	0.6%	2,214	0.6%	-0.045	-0.006
Asian	10,453	2.9%	8,979	2.5%	0.320	0.020
Black or African American	40,984	11.2%	35,872	10.1%	1.066	0.036
Multi-racial	1,061	0.3%	949	0.3%	0.022	0.004
Native Hawaiian or Other Pacific Islander	794	0.2%	1,175	0.3%	-0.115	-0.022
Unknown	213,037	58.1%	208,425	58.7%	-0.646	-0.018
White	98,232	26.8%	97,187	27.4%	-0.603	-0.017
Hispanic origin						
Yes	38,379	10.5%	38,852	11.0%	-0.484	-0.017
No	141,884	38.7%	134,847	38.0%	0.687	0.021
Unknown	186,423	50.8%	181,103	51.0%	-0.204	-0.008

**Table 1n. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	15,455	4.2%	15,582	4.4%	-0.177	-0.009
2016	73,020	19.9%	71,971	20.3%	-0.371	-0.009
2017	84,989	23.2%	82,775	23.3%	-0.152	-0.004
2018	79,838	21.8%	76,338	21.5%	0.257	0.006
2019	40,321	16.1%	37,962	15.6%	0.416	0.011
2020	34,046	13.6%	32,836	13.5%	0.029	0.001
2021	29,066	11.6%	27,844	11.5%	0.103	0.003
2022	9,951	4.0%	9,494	3.9%	0.051	0.003
Pre-boxed warning	300,079	81.8%	290,733	81.9%	-0.107	-0.003
Post-boxed warning	66,607	18.2%	64,069	18.1%	0.107	0.003
Seasonality						
Winter	84,467	23.0%	82,701	23.3%	-0.274	-0.007
Spring	101,513	27.7%	95,640	27.0%	0.728	0.016
Summer	81,163	22.1%	78,589	22.2%	-0.016	-0.000
Autumn	99,543	27.1%	97,871	27.6%	-0.438	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.2	1.0	1.2	1.0	-0.002	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	0	0.0%	0	0.0%	NaN	NaN
Psychiatric Drug Dispensings <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Self Harm Encounter <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Encounter for Other Psychiatric Event <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Asthma Severity						

**Table 1n. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	29,337	8.0%	28,511	8.0%	-0.035	-0.001
Asthma Inpatient Encounter	760	0.2%	742	0.2%	-0.002	-0.000
Asthma Outpatient Encounter	356,905	97.3%	345,906	97.5%	-0.160	-0.010
Oral Corticosteroid Dispensing	86,635	23.6%	82,937	23.4%	0.251	0.006
Use of Other Asthma Medication	240,244	65.5%	238,054	67.1%	-1.577	-0.035
Allergic Rhinitis	159,549	43.5%	146,303	41.2%	2.276	0.046
Anxiety	0	0.0%	0	0.0%	NaN	NaN
Depression	0	0.0%	0	0.0%	NaN	NaN
Sleep Disorder	0	0.0%	0	0.0%	NaN	NaN
Substance Abuse	0	0.0%	0	0.0%	NaN	NaN
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	182	0.0%	190	0.1%	-0.004	-0.002
Suffocation	*****	0.0%	*****	0.0%	-0.000	-0.000
Suicide Attempt	95	0.0%	83	0.0%	0.002	0.002
Toxicity	19	0.0%	15	0.0%	0.001	0.001
Other Self Harm	46	0.0%	34	0.0%	0.003	0.003
Asthma Exacerbations						
No moderate asthma exacerbations	315,886	86.1%	303,776	85.6%	0.528	0.015
One moderate asthma exacerbation	45,509	12.4%	45,704	12.9%	-0.471	-0.014
Two or more moderate asthma exacerbations	5,291	1.4%	5,323	1.5%	-0.057	-0.005
No severe asthma exacerbations	364,941	99.5%	353,047	99.5%	0.019	0.003
One severe asthma exacerbation	1,706	0.5%	1,721	0.5%	-0.020	-0.003
Two or more severe asthma exacerbations	39	0.0%	34	0.0%	0.001	0.001



**Table 1n. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	38,192	10.4%	36,427	10.3%	0.149	0.005
Antipsychotics	0	0.0%	0	0.0%	NaN	NaN
Anxiolytics Hypnotics	0	0.0%	0	0.0%	NaN	NaN
Lithium Other Mood Stabilizers	0	0.0%	0	0.0%	NaN	NaN
Antidepressants	76	0.0%	69	0.0%	0.001	0.001
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.7	7.3	6.7	6.9	-0.001	-0.000
Mean number of emergency room encounters	0.3	0.7	0.3	0.7	-0.001	-0.001
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.2	-0.000	-0.001
Mean number of other ambulatory encounters	1.2	4.3	1.3	4.4	-0.041	-0.009
Mean number of filled prescriptions	9.0	8.1	8.9	7.9	0.065	0.008
Mean number of generics dispensed	5.6	3.4	5.5	3.4	0.076	0.022
Mean number of unique drug classes dispensed	5.3	3.1	5.3	3.1	0.061	0.020
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.000	-0.002
Mean number of emergency department visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.0	3.0	1.9	3.0	0.026	0.009

**Table 1n. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	385,474	100.0%	438,966	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	49.4	15.5	43.0	16.6	6.402	0.399
	Number	Percent	Number	Percent		
10-24	68,585	17.8%	123,121	28.0%	-10.256	-0.246
25-54	143,341	37.2%	168,135	38.3%	-1.117	-0.023
≥ 55	173,548	45.0%	147,710	33.6%	11.372	0.234
Sex						
Female	277,016	71.9%	294,831	67.2%	4.699	0.102
Male	108,458	28.1%	144,135	32.8%	-4.699	-0.102
Race <sup>2</sup>						
American Indian or Alaska Native	2,516	0.7%	4,047	0.9%	-0.269	-0.030
Asian	5,532	1.4%	5,900	1.3%	0.091	0.008
Black or African American	40,721	10.6%	53,690	12.2%	-1.667	-0.052
Multi-racial	851	0.2%	848	0.2%	0.028	0.006
Native Hawaiian or Other Pacific Islander	553	0.1%	1,071	0.2%	-0.101	-0.023
Unknown	165,544	42.9%	190,898	43.5%	-0.543	-0.011
White	169,757	44.0%	182,512	41.6%	2.461	0.050
Hispanic origin						
Yes	23,630	6.1%	40,953	9.3%	-3.199	-0.120
No	207,436	53.8%	236,965	54.0%	-0.169	-0.003
Unknown	154,408	40.1%	161,048	36.7%	3.369	0.069

**Table 1o. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	13,684	3.5%	21,445	4.9%	-1.335	-0.066
2016	68,958	17.9%	96,341	21.9%	-4.058	-0.102
2017	79,065	20.5%	107,580	24.5%	-3.996	-0.096
2018	76,708	19.9%	94,003	21.4%	-1.515	-0.037
2019	50,432	16.6%	38,738	14.3%	2.344	0.065
2020	43,904	14.5%	36,660	13.5%	0.957	0.028
2021	40,366	13.3%	33,298	12.3%	1.030	0.031
2022	12,357	4.1%	10,901	4.0%	0.054	0.003
Pre-boxed warning	296,859	77.0%	364,733	83.1%	-6.078	-0.153
Post-boxed warning	88,615	23.0%	74,233	16.9%	6.078	0.153
Seasonality						
Winter	89,972	23.3%	110,212	25.1%	-1.767	-0.041
Spring	108,041	28.0%	99,094	22.6%	5.454	0.126
Summer	85,587	22.2%	95,510	21.8%	0.445	0.011
Autumn	101,874	26.4%	134,150	30.6%	-4.132	-0.092
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.9	1.8	1.9	1.6	0.066	0.039
	Number	Percent	Number	Percent		
Psychiatric History	385,474	100.0%	438,966	100.0%	0.000	NaN
Psychiatric Drug Dispensings <sup>4</sup>	281,045	72.9%	312,136	71.1%	1.802	0.040
Self Harm Encounter <sup>4</sup>	1,394	0.4%	2,455	0.6%	-0.198	-0.029
Encounter for Other Psychiatric Event <sup>4</sup>	320,270	83.1%	369,493	84.2%	-1.089	-0.029
Asthma Severity						
Asthma Emergency Encounter	47,151	12.2%	61,564	14.0%	-1.793	-0.053
Asthma Inpatient Encounter	1,489	0.4%	1,748	0.4%	-0.012	-0.002

**Table 1o. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Outpatient Encounter	363,681	94.3%	416,091	94.8%	-0.442	-0.020
Oral Corticosteroid Dispensing	122,107	31.7%	125,095	28.5%	3.179	0.069
Use of Other Asthma Medication	225,167	58.4%	336,222	76.6%	-18.181	-0.396
Allergic Rhinitis	164,732	42.7%	95,462	21.7%	20.988	0.461
Anxiety	136,634	35.4%	150,455	34.3%	1.171	0.025
Depression	110,424	28.6%	126,090	28.7%	-0.078	-0.002
Sleep Disorder	115,489	30.0%	101,040	23.0%	6.943	0.158
Substance Abuse	24,457	6.3%	39,317	9.0%	-2.612	-0.098
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,136	0.3%	2,133	0.5%	-0.191	-0.031
Suffocation	*****	0.0%	*****	0.0%	-0.002	-0.002
Suicide Attempt	637	0.2%	1,098	0.3%	-0.085	-0.019
Toxicity	137	0.0%	249	0.1%	-0.021	-0.010
Other Self Harm	340	0.1%	570	0.1%	-0.042	-0.013
Asthma Exacerbations						
No moderate asthma exacerbations	320,185	83.1%	366,478	83.5%	-0.424	-0.011
One moderate asthma exacerbation	56,716	14.7%	63,709	14.5%	0.200	0.006
Two or more moderate asthma exacerbations	8,573	2.2%	8,779	2.0%	0.224	0.016
No severe asthma exacerbations	381,002	98.8%	433,116	98.7%	0.173	0.016
One severe asthma exacerbation	4,266	1.1%	5,646	1.3%	-0.180	-0.017
Two or more severe asthma exacerbations	206	0.1%	204	0.0%	0.007	0.003

**Table 1o. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	110,833	28.8%	115,165	26.2%	2.517	0.056
Antipsychotics	34,673	9.0%	52,333	11.9%	-2.927	-0.096
Anxiolytics Hypnotics	135,137	35.1%	136,945	31.2%	3.860	0.082
Lithium Other Mood Stabilizers	40,602	10.5%	51,582	11.8%	-1.218	-0.039
Antidepressants	196,466	51.0%	213,283	48.6%	2.380	0.048
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.5	12.9	13.2	13.8	0.236	0.018
Mean number of emergency room encounters	0.6	1.5	0.7	1.7	-0.128	-0.080
Mean number of inpatient hospital encounters	0.1	0.5	0.1	0.5	-0.008	-0.016
Mean number of other ambulatory encounters	4.1	11.8	5.5	16.2	-1.452	-0.102
Mean number of filled prescriptions	20.6	16.8	20.5	17.8	0.183	0.011
Mean number of generics dispensed	9.9	5.4	9.2	5.2	0.703	0.133
Mean number of unique drug classes dispensed	9.3	4.8	8.8	4.7	0.548	0.116
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.003	-0.010
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.2	0.5	-0.016	-0.033
Mean number of outpatient visits for respiratory disorders	2.5	3.5	1.9	3.0	0.603	0.185

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	385,425	N/A	369,811	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	49.4	15.5	49.3	16.4	0.138	0.009
	Number	Percent	Number	Percent		
10-24	68,584	17.8%	72,762	19.7%	-1.881	-0.055
25-54	143,321	37.2%	127,026	34.3%	2.836	0.062
≥ 55	173,520	45.0%	170,022	46.0%	-0.955	-0.024
Sex						
Female	276,972	71.9%	264,456	71.5%	0.350	0.008
Male	108,453	28.1%	105,354	28.5%	-0.350	-0.008
Race <sup>3</sup>						
American Indian or Alaska Native	2,516	0.7%	2,519	0.7%	-0.028	-0.003
Asian	5,530	1.4%	4,531	1.2%	0.210	0.018
Black or African American	40,710	10.6%	36,082	9.8%	0.806	0.027
Multi-racial	851	0.2%	815	0.2%	0.000	0.000
Native Hawaiian or Other Pacific Islander	553	0.1%	626	0.2%	-0.026	-0.007
Unknown	165,527	42.9%	160,401	43.4%	-0.427	-0.013
White	169,738	44.0%	164,838	44.6%	-0.534	-0.014
Hispanic origin						
Yes	23,627	6.1%	23,383	6.3%	-0.193	-0.008
No	207,407	53.8%	197,205	53.3%	0.487	0.017
Unknown	154,391	40.1%	149,222	40.4%	-0.294	-0.013

**Table 1p. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
<b>Year</b>						
2015	13,683	3.6%	13,932	3.8%	-0.217	-0.012
2016	68,954	17.9%	67,869	18.4%	-0.462	-0.012
2017	79,058	20.5%	76,443	20.7%	-0.159	-0.004
2018	76,696	19.9%	72,842	19.7%	0.202	0.005
2019	50,418	16.6%	46,756	16.1%	0.528	0.014
2020	43,897	14.5%	41,723	14.4%	0.111	0.003
2021	40,362	13.3%	38,470	13.3%	0.065	0.002
2022	12,357	4.1%	11,777	4.1%	0.020	0.001
Pre-boxed warning	296,821	77.0%	285,298	77.1%	-0.136	-0.003
Post-boxed warning	88,604	23.0%	84,513	22.9%	0.136	0.003
<b>Seasonality</b>						
Winter	89,966	23.3%	87,281	23.6%	-0.259	-0.006
Spring	108,014	28.0%	100,760	27.2%	0.778	0.017
Summer	85,578	22.2%	82,227	22.2%	-0.031	-0.001
Autumn	101,867	26.4%	99,543	26.9%	-0.487	-0.011
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.9	1.8	1.9	1.7	-0.003	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,425	100.0%	369,811	100.0%	0.000	NaN
Psychiatric Drug Dispensings <sup>5</sup>	281,003	72.9%	269,059	72.8%	0.151	0.003
Self Harm Encounter <sup>5</sup>	1,394	0.4%	1,361	0.4%	-0.006	-0.001
Encounter for Other Psychiatric Event <sup>5</sup>	320,225	83.1%	306,597	82.9%	0.177	0.005
<b>Asthma Severity</b>						



**Table 1p. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	47,138	12.2%	44,814	12.1%	0.112	0.003
Asthma Inpatient Encounter	1,489	0.4%	1,492	0.4%	-0.017	-0.003
Asthma Outpatient Encounter	363,647	94.3%	350,445	94.8%	-0.414	-0.018
Oral Corticosteroid Dispensing	122,080	31.7%	115,713	31.3%	0.384	0.008
Use of Other Asthma Medication	225,162	58.4%	223,882	60.5%	-2.121	-0.045
Allergic Rhinitis	164,688	42.7%	147,826	40.0%	2.755	0.056
Anxiety	136,604	35.4%	130,356	35.2%	0.193	0.004
Depression	110,400	28.6%	105,643	28.6%	0.077	0.002
Sleep Disorder	115,466	30.0%	109,056	29.5%	0.468	0.011
Substance Abuse	24,451	6.3%	23,727	6.4%	-0.072	-0.003
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,135	0.3%	1,218	0.3%	-0.035	-0.006
Suffocation	*****	0.0%	*****	0.0%	0.002	0.003
Suicide Attempt	637	0.2%	644	0.2%	-0.009	-0.002
Toxicity	136	0.0%	139	0.0%	-0.002	-0.001
Other Self Harm	340	0.1%	363	0.1%	-0.010	-0.003
Asthma Exacerbations						
No moderate asthma exacerbations	320,144	83.1%	306,651	82.9%	0.141	0.004
One moderate asthma exacerbation	56,708	14.7%	55,212	14.9%	-0.217	-0.006
Two or more moderate asthma exacerbations	8,573	2.2%	7,948	2.1%	0.075	0.005
No severe asthma exacerbations	380,954	98.8%	365,309	98.8%	0.057	0.005
One severe asthma exacerbation	4,265	1.1%	4,301	1.2%	-0.056	-0.005
Two or more severe asthma exacerbations	206	0.1%	201	0.1%	-0.001	-0.000

**Table 1p. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	110,804	28.7%	104,621	28.3%	0.458	0.010
Antipsychotics	34,667	9.0%	33,850	9.2%	-0.159	-0.006
Anxiolytics Hypnotics	135,104	35.1%	128,691	34.8%	0.254	0.005
Lithium Other Mood Stabilizers	40,594	10.5%	39,455	10.7%	-0.137	-0.004
Antidepressants	196,435	51.0%	187,926	50.8%	0.149	0.003
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.5	12.9	13.6	12.4	-0.101	-0.008
Mean number of emergency room encounters	0.6	1.5	0.6	1.5	-0.005	-0.003
Mean number of inpatient hospital encounters	0.1	0.5	0.1	0.5	-0.002	-0.003
Mean number of other ambulatory encounters	4.1	11.8	4.4	12.6	-0.285	-0.023
Mean number of filled prescriptions	20.6	16.8	20.7	16.5	-0.046	-0.003
Mean number of generics dispensed	9.9	5.4	9.8	5.4	0.081	0.015
Mean number of unique drug classes dispensed	9.3	4.8	9.2	4.8	0.057	0.012
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.002	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.1	0.5	-0.001	-0.003
Mean number of outpatient visits for respiratory disorders	2.5	3.5	2.5	3.5	0.026	0.007

**Table 1p. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	596,990	100.0%	784,999	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	42.6	15.8	36.0	16.4	6.539	0.406
	Number	Percent	Number	Percent		
10-24	187,871	31.5%	343,756	43.8%	-12.321	-0.256
25-54	201,267	33.7%	246,921	31.5%	2.259	0.048
≥ 55	207,852	34.8%	194,322	24.8%	10.062	0.221
Sex						
Female	390,634	65.4%	479,430	61.1%	4.360	0.091
Male	206,356	34.6%	305,569	38.9%	-4.360	-0.091
Race <sup>3</sup>						
American Indian or Alaska Native	4,135	0.7%	7,518	1.0%	-0.265	-0.029
Asian	13,699	2.3%	18,066	2.3%	-0.007	-0.000
Black or African American	71,428	12.0%	109,890	14.0%	-2.034	-0.061
Multi-racial	1,256	0.2%	1,185	0.2%	0.059	0.014
Native Hawaiian or Other Pacific Islander	1,168	0.2%	3,122	0.4%	-0.202	-0.037
Unknown	294,656	49.4%	389,087	49.6%	-0.208	-0.004
White	210,648	35.3%	256,131	32.6%	2.657	0.056
Hispanic origin						
Yes	58,337	9.8%	111,480	14.2%	-4.429	-0.137
No	287,383	48.1%	382,024	48.7%	-0.527	-0.011
Unknown	251,270	42.1%	291,495	37.1%	4.956	0.101

**Table 1q. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	29,140	4.9%	46,686	5.9%	-1.066	-0.047
2016	141,986	23.8%	210,008	26.8%	-2.969	-0.068
2017	164,064	27.5%	238,297	30.4%	-2.874	-0.063
2018	156,558	26.2%	202,395	25.8%	0.442	0.010
2019	90,771	22.8%	74,737	19.2%	3.566	0.088
2020	14,471	3.6%	12,876	3.3%	0.322	0.018
2021	0	0.0%	0	0.0%	NaN	NaN
2022	0	0.0%	0	0.0%	NaN	NaN
Pre-boxed warning	596,990	100.0%	784,999	100.0%	0.000	NaN
Post-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Seasonality						
Winter	138,406	23.2%	196,454	25.0%	-1.842	-0.043
Spring	158,758	26.6%	168,462	21.5%	5.133	0.120
Summer	132,488	22.2%	168,714	21.5%	0.700	0.017
Autumn	167,338	28.0%	251,369	32.0%	-3.991	-0.087
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.5	1.4	1.5	1.2	0.065	0.049
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	296,859	49.7%	364,733	46.5%	3.263	0.065
Psychiatric Drug Dispensings <sup>5</sup>	216,728	36.3%	258,762	33.0%	3.340	0.070
Self Harm Encounter <sup>5</sup>	1,227	0.2%	2,239	0.3%	-0.080	-0.016
Encounter for Other Psychiatric Event <sup>5</sup>	244,506	41.0%	305,675	38.9%	2.017	0.041
Asthma Severity						
Asthma Emergency Encounter	64,316	10.8%	98,902	12.6%	-1.826	-0.057

**Table 1q. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	2,005	0.3%	2,707	0.3%	-0.009	-0.002
Asthma Outpatient Encounter	570,651	95.6%	753,867	96.0%	-0.446	-0.022
Oral Corticosteroid Dispensing	168,292	28.2%	200,637	25.6%	2.631	0.059
Use of Other Asthma Medication	379,039	63.5%	626,813	79.8%	-16.357	-0.369
Allergic Rhinitis	255,187	42.7%	178,386	22.7%	20.021	0.437
Anxiety	100,202	16.8%	119,297	15.2%	1.587	0.043
Depression	83,175	13.9%	103,037	13.1%	0.807	0.024
Sleep Disorder	83,138	13.9%	77,669	9.9%	4.032	0.125
Substance Abuse	19,266	3.2%	34,153	4.4%	-1.124	-0.059
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,163	0.2%	2,286	0.3%	-0.096	-0.020
Suffocation	*****	0.0%	*****	0.0%	-0.001	-0.002
Suicide Attempt	643	0.1%	1,134	0.1%	-0.037	-0.010
Toxicity	138	0.0%	255	0.0%	-0.009	-0.006
Other Self Harm	322	0.1%	544	0.1%	-0.015	-0.006
Asthma Exacerbations						
No moderate asthma exacerbations	500,038	83.8%	657,176	83.7%	0.043	0.001
One moderate asthma exacerbation	85,297	14.3%	113,517	14.5%	-0.173	-0.005
Two or more moderate asthma exacerbations	11,655	2.0%	14,306	1.8%	0.130	0.010
No severe asthma exacerbations	591,637	99.1%	776,884	99.0%	0.137	0.014
One severe asthma exacerbation	5,137	0.9%	7,895	1.0%	-0.145	-0.015
Two or more severe asthma exacerbations	216	0.0%	220	0.0%	0.008	0.005

**Table 1q. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	121,052	20.3%	137,373	17.5%	2.777	0.071
Antipsychotics	27,907	4.7%	45,143	5.8%	-1.076	-0.048
Anxiolytics Hypnotics	104,857	17.6%	113,663	14.5%	3.085	0.084
Lithium Other Mood Stabilizers	32,398	5.4%	43,708	5.6%	-0.141	-0.006
Antidepressants	148,648	24.9%	173,833	22.1%	2.755	0.065
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.0	10.9	9.3	11.2	0.773	0.070
Mean number of emergency room encounters	0.5	1.2	0.5	1.4	-0.077	-0.060
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of other ambulatory encounters	2.8	9.9	3.4	12.8	-0.695	-0.061
Mean number of filled prescriptions	15.0	14.4	13.9	14.6	1.015	0.070
Mean number of generics dispensed	7.8	4.9	7.0	4.6	0.793	0.167
Mean number of unique drug classes dispensed	7.3	4.4	6.7	4.2	0.639	0.149
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.000	-0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.010	-0.024
Mean number of outpatient visits for respiratory disorders	2.3	3.3	1.7	2.7	0.587	0.195

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1,2</sup>	Number	Percent	Number	Percent		
Weighted patients	596,938	N/A	575,113	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	42.6	15.8	42.4	16.8	0.187	0.011
	Number	Percent	Number	Percent		
10-24	187,870	31.5%	193,058	33.6%	-2.097	-0.053
25-54	201,256	33.7%	175,542	30.5%	3.192	0.071
≥ 55	207,812	34.8%	206,513	35.9%	-1.095	-0.031
Sex						
Female	390,591	65.4%	373,616	65.0%	0.469	0.010
Male	206,347	34.6%	201,497	35.0%	-0.469	-0.010
Race <sup>3</sup>						
American Indian or Alaska Native	4,135	0.7%	4,323	0.8%	-0.059	-0.007
Asian	13,697	2.3%	11,627	2.0%	0.273	0.019
Black or African American	71,421	12.0%	63,873	11.1%	0.858	0.028
Multi-racial	1,256	0.2%	1,072	0.2%	0.024	0.005
Native Hawaiian or Other Pacific Islander	1,168	0.2%	1,649	0.3%	-0.091	-0.019
Unknown	294,639	49.4%	287,470	50.0%	-0.627	-0.018
White	210,622	35.3%	205,099	35.7%	-0.379	-0.010
Hispanic origin						
Yes	58,333	9.8%	58,982	10.3%	-0.484	-0.017
No	287,357	48.1%	273,172	47.5%	0.640	0.019
Unknown	251,248	42.1%	242,959	42.2%	-0.156	-0.006



**Table 1r. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	29,139	4.9%	29,441	5.1%	-0.238	-0.011
2016	141,981	23.8%	139,631	24.3%	-0.494	-0.012
2017	164,055	27.5%	159,054	27.7%	-0.173	-0.004
2018	156,542	26.2%	149,035	25.9%	0.310	0.007
2019	90,751	22.7%	84,426	22.0%	0.719	0.017
2020	14,470	3.6%	13,525	3.5%	0.098	0.005
2021	0	0.0%	0	0.0%	NaN	NaN
2022	0	0.0%	0	0.0%	NaN	NaN
Pre-boxed warning	596,938	100.0%	575,113	100.0%	0.000	NaN
Post-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Seasonality						
Winter	138,398	23.2%	134,605	23.4%	-0.220	-0.005
Spring	158,733	26.6%	148,771	25.9%	0.723	0.016
Summer	132,477	22.2%	127,664	22.2%	-0.005	-0.000
Autumn	167,330	28.0%	164,073	28.5%	-0.497	-0.011
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.5	1.4	1.5	1.4	0.001	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	296,810	49.7%	283,103	49.2%	0.496	0.010
Psychiatric Drug Dispensings <sup>5</sup>	216,681	36.3%	206,042	35.8%	0.472	0.010
Self Harm Encounter <sup>5</sup>	1,227	0.2%	1,170	0.2%	0.002	0.000
Encounter for Other Psychiatric Event <sup>5</sup>	244,463	41.0%	232,800	40.5%	0.474	0.010
Asthma Severity						

**Table 1r. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	64,308	10.8%	61,696	10.7%	0.045	0.001
Asthma Inpatient Encounter	2,005	0.3%	1,987	0.3%	-0.010	-0.002
Asthma Outpatient Encounter	570,610	95.6%	551,501	95.9%	-0.305	-0.015
Oral Corticosteroid Dispensing	168,261	28.2%	159,905	27.8%	0.383	0.009
Use of Other Asthma Medication	379,029	63.5%	376,376	65.4%	-1.948	-0.042
Allergic Rhinitis	255,141	42.7%	231,456	40.2%	2.496	0.051
Anxiety	100,168	16.8%	95,043	16.5%	0.254	0.007
Depression	83,153	13.9%	79,314	13.8%	0.139	0.004
Sleep Disorder	83,113	13.9%	77,880	13.5%	0.381	0.011
Substance Abuse	19,262	3.2%	18,963	3.3%	-0.070	-0.004
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,163	0.2%	1,240	0.2%	-0.021	-0.005
Suffocation	*****	0.0%	*****	0.0%	0.001	0.001
Suicide Attempt	643	0.1%	617	0.1%	0.000	0.000
Toxicity	138	0.0%	134	0.0%	-0.000	-0.000
Other Self Harm	322	0.1%	328	0.1%	-0.003	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	499,995	83.8%	479,111	83.3%	0.453	0.012
One moderate asthma exacerbation	85,290	14.3%	84,730	14.7%	-0.445	-0.013
Two or more moderate asthma exacerbations	11,653	2.0%	11,272	2.0%	-0.008	-0.001
No severe asthma exacerbations	591,586	99.1%	569,745	99.1%	0.037	0.004
One severe asthma exacerbation	5,136	0.9%	5,160	0.9%	-0.037	-0.004
Two or more severe asthma exacerbations	216	0.0%	207	0.0%	0.000	0.000

**Table 1r. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	121,020	20.3%	114,481	19.9%	0.368	0.009
Antipsychotics	27,902	4.7%	27,317	4.7%	-0.076	-0.004
Anxiolytics Hypnotics	104,817	17.6%	99,097	17.2%	0.328	0.009
Lithium Other Mood Stabilizers	32,391	5.4%	31,381	5.5%	-0.030	-0.001
Antidepressants	148,615	24.9%	141,373	24.6%	0.314	0.007
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	10.0	10.9	10.1	10.5		
Mean number of emergency room encounters	0.5	1.2	0.5	1.2	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.8	9.9	2.9	10.5	-0.161	-0.016
Mean number of filled prescriptions	15.0	14.4	14.9	14.2	0.062	0.004
Mean number of generics dispensed	7.8	4.9	7.7	5.0	0.104	0.021
Mean number of unique drug classes dispensed	7.3	4.4	7.3	4.4	0.079	0.018
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.3	3.3	2.2	3.3	0.037	0.011

**Table 1r. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	155,240	100.0%	138,358	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	52.7	15.8	47.2	17.6	5.465	0.327
	Number	Percent	Number	Percent		
10-24	19,995	12.9%	32,113	23.2%	-10.330	-0.271
25-54	55,869	36.0%	47,501	34.3%	1.657	0.035
≥ 55	79,376	51.1%	58,744	42.5%	8.673	0.174
Sex						
Female	106,343	68.5%	89,154	64.4%	4.065	0.086
Male	48,897	31.5%	49,204	35.6%	-4.065	-0.086
Race <sup>2</sup>						
American Indian or Alaska Native	506	0.3%	376	0.3%	0.054	0.010
Asian	2,293	1.5%	1,615	1.2%	0.310	0.027
Black or African American	10,288	6.6%	6,877	5.0%	1.657	0.071
Multi-racial	656	0.4%	783	0.6%	-0.143	-0.020
Native Hawaiian or Other Pacific Islander	180	0.1%	113	0.1%	0.034	0.011
Unknown	83,951	54.1%	84,449	61.0%	-6.958	-0.141
White	57,366	37.0%	44,145	31.9%	5.047	0.106
Hispanic origin						
Yes	3,682	2.4%	3,000	2.2%	0.204	0.014
No	61,977	39.9%	44,908	32.5%	7.466	0.156
Unknown	89,581	57.7%	90,450	65.4%	-7.669	-0.158

**Table 1s. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	0	0.0%	0	0.0%	NaN	NaN
2016	0	0.0%	0	0.0%	NaN	NaN
2017	0	0.0%	0	0.0%	NaN	NaN
2018	0	0.0%	0	0.0%	NaN	NaN
2019	0	0.0%	0	0.0%	NaN	NaN
2020	63,486	40.9%	56,184	40.6%	0.288	0.006
2021	69,445	44.7%	61,058	44.1%	0.604	0.012
2022	22,309	14.4%	21,116	15.3%	-0.891	-0.025
Pre-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Post-boxed warning	155,240	100.0%	138,358	100.0%	0.000	NaN
Seasonality						
Winter	36,049	23.2%	36,195	26.2%	-2.939	-0.068
Spring	50,825	32.7%	38,194	27.6%	5.134	0.112
Summer	34,276	22.1%	30,336	21.9%	0.154	0.004
Autumn	34,090	22.0%	33,633	24.3%	-2.349	-0.056
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.7	1.7	1.7	1.6	0.052	0.032
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	88,615	57.1%	74,233	53.7%	3.430	0.069
Psychiatric Drug Dispensings <sup>4</sup>	64,317	41.4%	53,374	38.6%	2.854	0.058
Self Harm Encounter <sup>4</sup>	167	0.1%	216	0.2%	-0.049	-0.013
Encounter for Other Psychiatric Event <sup>4</sup>	75,764	48.8%	63,818	46.1%	2.679	0.054
Asthma Severity						
Asthma Emergency Encounter	12,180	7.8%	11,588	8.4%	-0.529	-0.019

**Table 1s. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	246	0.2%	198	0.1%	0.015	0.004
Asthma Outpatient Encounter	149,996	96.6%	134,423	97.2%	-0.534	-0.031
Oral Corticosteroid Dispensing	40,488	26.1%	33,176	24.0%	2.103	0.049
Use of Other Asthma Medication	86,392	55.7%	96,625	69.8%	-14.186	-0.297
Allergic Rhinitis	69,156	44.5%	36,043	26.1%	18.497	0.395
Anxiety	36,432	23.5%	31,158	22.5%	0.948	0.023
Depression	27,249	17.6%	23,053	16.7%	0.891	0.024
Sleep Disorder	32,351	20.8%	23,371	16.9%	3.948	0.101
Substance Abuse	5,191	3.3%	5,164	3.7%	-0.388	-0.021
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	155	0.1%	184	0.1%	-0.033	-0.010
Suffocation	*****	0.0%	*****	0.0%	0.002	0.003
Suicide Attempt	89	0.1%	116	0.1%	-0.027	-0.010
Toxicity	18	0.0%	20	0.0%	-0.003	-0.003
Other Self Harm	64	0.0%	86	0.1%	-0.021	-0.009
Asthma Exacerbations						
No moderate asthma exacerbations	136,082	87.7%	122,081	88.2%	-0.576	-0.018
One moderate asthma exacerbation	16,946	10.9%	14,602	10.6%	0.362	0.012
Two or more moderate asthma exacerbations	2,212	1.4%	1,675	1.2%	0.214	0.019
No severe asthma exacerbations	154,372	99.4%	137,492	99.4%	0.067	0.009
One severe asthma exacerbation	835	0.5%	840	0.6%	-0.069	-0.009
Two or more severe asthma exacerbations	33	0.0%	26	0.0%	0.002	0.002

**Table 1s. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	28,002	18.0%	20,559	14.9%	3.179	0.086
Antipsychotics	6,766	4.4%	7,190	5.2%	-0.838	-0.039
Anxiolytics Hypnotics	30,280	19.5%	23,282	16.8%	2.678	0.069
Lithium Other Mood Stabilizers	8,204	5.3%	7,874	5.7%	-0.406	-0.018
Antidepressants	47,896	30.9%	39,579	28.6%	2.247	0.049
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.6	11.1	10.0	10.9	0.616	0.056
Mean number of emergency room encounters	0.3	1.0	0.3	1.1	-0.020	-0.019
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	0.001	0.004
Mean number of other ambulatory encounters	2.5	5.7	2.5	6.4	-0.017	-0.003
Mean number of filled prescriptions	15.0	13.4	14.1	13.6	0.881	0.065
Mean number of generics dispensed	7.9	4.8	7.1	4.5	0.801	0.172
Mean number of unique drug classes dispensed	7.5	4.4	6.8	4.1	0.673	0.158
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.3	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.013	-0.032
Mean number of outpatient visits for respiratory disorders	2.2	3.3	1.9	3.1	0.335	0.104

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1t. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	155,203	N/A	149,925	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	52.7	15.8	52.5	17.2	0.117	0.007
	Number	Percent	Number	Percent		
10-24	19,993	12.9%	23,727	15.8%	-2.944	-0.089
25-54	55,855	36.0%	46,864	31.3%	4.730	0.109
≥ 55	79,355	51.1%	79,335	52.9%	-1.786	-0.044
Sex						
Female	106,311	68.5%	102,116	68.1%	0.387	0.008
Male	48,892	31.5%	47,809	31.9%	-0.387	-0.008
Race <sup>3</sup>						
American Indian or Alaska Native	506	0.3%	408	0.3%	0.054	0.010
Asian	2,292	1.5%	1,813	1.2%	0.267	0.023
Black or African American	10,284	6.6%	8,165	5.4%	1.180	0.051
Multi-racial	656	0.4%	680	0.5%	-0.031	-0.005
Native Hawaiian or Other Pacific Islander	180	0.1%	145	0.1%	0.020	0.006
Unknown	83,923	54.1%	81,230	54.2%	-0.107	-0.004
White	57,362	37.0%	57,485	38.3%	-1.383	-0.042
Hispanic origin						
Yes	3,680	2.4%	3,192	2.1%	0.242	0.016
No	61,968	39.9%	59,453	39.7%	0.272	0.014
Unknown	89,555	57.7%	87,279	58.2%	-0.513	-0.027

**Table 1t. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	0	0.0%	0	0.0%	NaN	NaN
2016	0	0.0%	0	0.0%	NaN	NaN
2017	0	0.0%	0	0.0%	NaN	NaN
2018	0	0.0%	0	0.0%	NaN	NaN
2019	0	0.0%	0	0.0%	NaN	NaN
2020	63,467	40.9%	61,588	41.1%	-0.186	-0.004
2021	69,429	44.7%	66,933	44.6%	0.090	0.002
2022	22,307	14.4%	21,404	14.3%	0.096	0.003
Pre-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Post-boxed warning	155,203	100.0%	149,925	100.0%	0.000	NaN
Seasonality						
Winter	36,046	23.2%	35,423	23.6%	-0.402	-0.009
Spring	50,801	32.7%	47,793	31.9%	0.854	0.018
Summer	34,269	22.1%	33,280	22.2%	-0.118	-0.003
Autumn	34,087	22.0%	33,429	22.3%	-0.334	-0.008
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.7	1.7	1.7	1.7	-0.003	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	88,583	57.1%	84,848	56.6%	0.482	0.010
Psychiatric Drug Dispensings <sup>5</sup>	64,290	41.4%	61,580	41.1%	0.349	0.007
Self Harm Encounter <sup>5</sup>	167	0.1%	169	0.1%	-0.005	-0.002
Encounter for Other Psychiatric Event <sup>5</sup>	75,735	48.8%	72,207	48.2%	0.635	0.013
Asthma Severity						

**Table 1t. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	12,174	7.8%	11,577	7.7%	0.122	0.005
Asthma Inpatient Encounter	246	0.2%	237	0.2%	0.000	0.000
Asthma Outpatient Encounter	149,962	96.6%	145,268	96.9%	-0.271	-0.015
Oral Corticosteroid Dispensing	40,466	26.1%	38,543	25.7%	0.365	0.008
Use of Other Asthma Medication	86,385	55.7%	85,780	57.2%	-1.556	-0.032
Allergic Rhinitis	69,121	44.5%	63,056	42.1%	2.478	0.050
Anxiety	36,415	23.5%	34,731	23.2%	0.297	0.007
Depression	27,231	17.5%	26,027	17.4%	0.186	0.005
Sleep Disorder	32,334	20.8%	30,562	20.4%	0.448	0.011
Substance Abuse	5,188	3.3%	4,950	3.3%	0.041	0.002
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	154	0.1%	161	0.1%	-0.008	-0.002
Suffocation	*****	0.0%	*****	0.0%	0.003	0.006
Suicide Attempt	88	0.1%	101	0.1%	-0.011	-0.004
Toxicity	18	0.0%	19	0.0%	-0.001	-0.001
Other Self Harm	63	0.0%	66	0.0%	-0.003	-0.002
Asthma Exacerbations						
No moderate asthma exacerbations	136,053	87.7%	131,618	87.8%	-0.128	-0.004
One moderate asthma exacerbation	16,938	10.9%	16,339	10.9%	0.015	0.000
Two or more moderate asthma exacerbations	2,212	1.4%	1,969	1.3%	0.112	0.010
No severe asthma exacerbations	154,336	99.4%	149,061	99.4%	0.018	0.002
One severe asthma exacerbation	834	0.5%	836	0.6%	-0.020	-0.003
Two or more severe asthma exacerbations	33	0.0%	28	0.0%	0.002	0.002

**Table 1t. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	27,977	18.0%	26,286	17.5%	0.494	0.013
Antipsychotics	6,762	4.4%	6,703	4.5%	-0.114	-0.006
Anxiolytics Hypnotics	30,264	19.5%	28,881	19.3%	0.236	0.006
Lithium Other Mood Stabilizers	8,199	5.3%	8,042	5.4%	-0.081	-0.004
Antidepressants	47,874	30.8%	45,836	30.6%	0.274	0.006
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.6	11.1	10.7	10.6	-0.086	-0.008
Mean number of emergency room encounters	0.3	1.0	0.3	1.0	-0.004	-0.003
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.004
Mean number of other ambulatory encounters	2.5	5.7	2.6	6.1	-0.128	-0.022
Mean number of filled prescriptions	15.0	13.4	15.0	13.2	-0.016	-0.001
Mean number of generics dispensed	7.9	4.8	7.8	4.9	0.074	0.015
Mean number of unique drug classes dispensed	7.5	4.4	7.5	4.4	0.062	0.014
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.005
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.002	-0.004
Mean number of outpatient visits for respiratory disorders	2.2	3.3	2.2	3.2	0.003	0.001

**Table 1t. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1u. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	752,307	100.0%	923,409	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	44.7	15.8	37.7	16.6	6.949	0.429
	Number	Percent	Number	Percent		
10-24	207,872	27.6%	375,890	40.7%	-13.075	-0.278
25-54	257,168	34.2%	294,443	31.9%	2.297	0.049
≥ 55	287,267	38.2%	253,076	27.4%	10.778	0.231
Sex						
Female	497,043	66.1%	568,619	61.6%	4.491	0.094
Male	255,264	33.9%	354,790	38.4%	-4.491	-0.094
Race <sup>2</sup>						
American Indian or Alaska Native	4,641	0.6%	7,895	0.9%	-0.238	-0.028
Asian	15,994	2.1%	19,681	2.1%	-0.005	-0.000
Black or African American	81,724	10.9%	116,770	12.6%	-1.782	-0.055
Multi-racial	1,913	0.3%	1,968	0.2%	0.041	0.009
Native Hawaiian or Other Pacific Islander	1,348	0.2%	3,235	0.4%	-0.171	-0.033
Unknown	378,640	50.3%	473,566	51.3%	-0.954	-0.019
White	268,047	35.6%	300,294	32.5%	3.110	0.066
Hispanic origin						
Yes	62,020	8.2%	114,484	12.4%	-4.154	-0.137
No	349,384	46.4%	426,953	46.2%	0.205	0.004
Unknown	340,903	45.3%	381,972	41.4%	3.949	0.080

**Table 1u. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	29,142	3.9%	46,689	5.1%	-1.182	-0.057
2016	141,995	18.9%	210,018	22.7%	-3.869	-0.095
2017	164,077	21.8%	238,311	25.8%	-3.998	-0.094
2018	156,569	20.8%	202,401	21.9%	-1.107	-0.027
2019	90,789	16.4%	74,744	14.2%	2.222	0.062
2020	77,970	14.1%	69,064	13.1%	0.985	0.029
2021	69,451	12.5%	61,064	11.6%	0.964	0.030
2022	22,314	4.0%	21,118	4.0%	0.026	0.001
Pre-boxed warning	597,045	79.4%	785,041	85.0%	-5.654	-0.148
Post-boxed warning	155,262	20.6%	138,368	15.0%	5.654	0.148
Seasonality						
Winter	174,464	23.2%	232,667	25.2%	-2.006	-0.047
Spring	209,621	27.9%	206,664	22.4%	5.483	0.127
Summer	166,782	22.2%	199,059	21.6%	0.612	0.015
Autumn	201,440	26.8%	285,019	30.9%	-4.090	-0.090
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.6	1.5	1.5	1.3	0.076	0.055
	Number	Percent	Number	Percent		
Psychiatric History	385,548	51.2%	439,015	47.5%	3.706	0.074
Psychiatric Drug Dispensings <sup>4</sup>	281,107	37.4%	312,175	33.8%	3.559	0.074
Self Harm Encounter <sup>4</sup>	1,408	0.2%	2,474	0.3%	-0.081	-0.017
Encounter for Other Psychiatric Event <sup>4</sup>	320,340	42.6%	369,541	40.0%	2.562	0.052
Asthma Severity						
Asthma Emergency Encounter	76,522	10.2%	110,499	12.0%	-1.795	-0.057
Asthma Inpatient Encounter	2,253	0.3%	2,905	0.3%	-0.015	-0.003

**Table 1u. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Outpatient Encounter	720,706	95.8%	888,340	96.2%	-0.403	-0.021
Oral Corticosteroid Dispensing	208,822	27.8%	233,830	25.3%	2.435	0.055
Use of Other Asthma Medication	465,453	61.9%	723,480	78.3%	-16.479	-0.366
Allergic Rhinitis	324,404	43.1%	214,435	23.2%	19.899	0.432
Anxiety	136,674	18.2%	150,482	16.3%	1.871	0.050
Depression	110,460	14.7%	126,123	13.7%	1.024	0.029
Sleep Disorder	115,523	15.4%	101,050	10.9%	4.413	0.131
Substance Abuse	24,474	3.3%	39,334	4.3%	-1.006	-0.053
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,327	0.2%	2,483	0.3%	-0.093	-0.020
Suffocation	30	0.0%	46	0.0%	-0.001	-0.001
Suicide Attempt	741	0.1%	1,264	0.1%	-0.038	-0.011
Toxicity	166	0.0%	279	0.0%	-0.008	-0.005
Other Self Harm	392	0.1%	638	0.1%	-0.017	-0.007
Asthma Exacerbations						
No moderate asthma exacerbations	636,177	84.6%	779,303	84.4%	0.169	0.005
One moderate asthma exacerbation	102,258	13.6%	128,121	13.9%	-0.282	-0.008
Two or more moderate asthma exacerbations	13,872	1.8%	15,985	1.7%	0.113	0.009
No severe asthma exacerbations	746,082	99.2%	914,428	99.0%	0.145	0.015
One severe asthma exacerbation	5,976	0.8%	8,735	0.9%	-0.152	-0.016
Two or more severe asthma exacerbations	249	0.0%	246	0.0%	0.006	0.004



**Table 1u. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	149,096	19.8%	157,947	17.1%	2.714	0.070
Antipsychotics	34,687	4.6%	52,348	5.7%	-1.058	-0.048
Anxiolytics Hypnotics	135,183	18.0%	136,965	14.8%	3.137	0.085
Lithium Other Mood Stabilizers	40,622	5.4%	51,596	5.6%	-0.188	-0.008
Antidepressants	196,592	26.1%	213,448	23.1%	3.017	0.070
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.2	11.0	9.4	11.2	0.781	0.071
Mean number of emergency room encounters	0.4	1.2	0.5	1.3	-0.076	-0.061
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.000
Mean number of other ambulatory encounters	2.7	9.2	3.3	12.0	-0.610	-0.057
Mean number of filled prescriptions	15.0	14.2	14.0	14.5	0.998	0.069
Mean number of generics dispensed	7.8	4.9	7.0	4.6	0.803	0.169
Mean number of unique drug classes dispensed	7.4	4.4	6.7	4.2	0.655	0.153
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.000	-0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.012	-0.029
Mean number of outpatient visits for respiratory disorders	2.3	3.3	1.7	2.8	0.545	0.178

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1v. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	752,257	N/A	724,885	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	44.7	15.8	44.5	16.9	0.183	0.011
	Number	Percent	Number	Percent		
10-24	207,872	27.6%	216,790	29.9%	-2.274	-0.059
25-54	257,148	34.2%	222,538	30.7%	3.484	0.078
≥ 55	287,237	38.2%	285,557	39.4%	-1.210	-0.033
Sex						
Female	496,998	66.1%	475,606	65.6%	0.456	0.010
Male	255,259	33.9%	249,280	34.4%	-0.456	-0.010
Race <sup>3</sup>						
American Indian or Alaska Native	4,641	0.6%	4,735	0.7%	-0.036	-0.005
Asian	15,993	2.1%	13,441	1.9%	0.272	0.020
Black or African American	81,719	10.9%	72,045	9.9%	0.924	0.032
Multi-racial	1,912	0.3%	1,757	0.2%	0.012	0.002
Native Hawaiian or Other Pacific Islander	1,348	0.2%	1,794	0.2%	-0.068	-0.015
Unknown	378,617	50.3%	368,756	50.9%	-0.540	-0.016
White	268,027	35.6%	262,357	36.2%	-0.563	-0.015
Hispanic origin						
Yes	62,020	8.2%	62,178	8.6%	-0.333	-0.013
No	349,376	46.4%	332,421	45.9%	0.585	0.019
Unknown	340,861	45.3%	330,287	45.6%	-0.252	-0.010

**Table 1v. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	29,141	3.9%	29,520	4.1%	-0.199	-0.010
2016	141,988	18.9%	139,866	19.3%	-0.420	-0.011
2017	164,074	21.8%	159,322	22.0%	-0.168	-0.004
2018	156,561	20.8%	149,333	20.6%	0.211	0.005
2019	90,778	16.4%	84,752	15.9%	0.478	0.013
2020	77,957	14.1%	74,573	14.0%	0.075	0.002
2021	69,448	12.5%	66,283	12.4%	0.095	0.003
2022	22,310	4.0%	21,236	4.0%	0.041	0.002
Pre-boxed warning	597,013	79.4%	576,364	79.5%	-0.148	-0.004
Post-boxed warning	155,244	20.6%	148,521	20.5%	0.148	0.004
Seasonality						
Winter	174,460	23.2%	169,972	23.4%	-0.257	-0.006
Spring	209,593	27.9%	196,542	27.1%	0.748	0.017
Summer	166,766	22.2%	160,892	22.2%	-0.027	-0.001
Autumn	201,438	26.8%	197,479	27.2%	-0.465	-0.010
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.6	1.5	1.6	1.5	0.000	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,502	51.2%	367,834	50.7%	0.502	0.010
Psychiatric Drug Dispensings <sup>5</sup>	281,067	37.4%	267,552	36.9%	0.454	0.010
Self Harm Encounter <sup>5</sup>	1,408	0.2%	1,345	0.2%	0.002	0.000
Encounter for Other Psychiatric Event <sup>5</sup>	320,298	42.6%	304,874	42.1%	0.520	0.011
Asthma Severity						

**Table 1v. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	76,506	10.2%	73,311	10.1%	0.057	0.002
Asthma Inpatient Encounter	2,251	0.3%	2,232	0.3%	-0.009	-0.002
Asthma Outpatient Encounter	720,668	95.8%	696,592	96.1%	-0.296	-0.015
Oral Corticosteroid Dispensing	208,789	27.8%	198,506	27.4%	0.370	0.008
Use of Other Asthma Medication	465,446	61.9%	462,203	63.8%	-1.889	-0.041
Allergic Rhinitis	324,357	43.1%	294,382	40.6%	2.507	0.051
Anxiety	136,649	18.2%	129,708	17.9%	0.272	0.007
Depression	110,440	14.7%	105,288	14.5%	0.156	0.004
Sleep Disorder	115,498	15.4%	108,329	14.9%	0.409	0.012
Substance Abuse	24,469	3.3%	23,895	3.3%	-0.044	-0.002
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,326	0.2%	1,409	0.2%	-0.018	-0.004
Suffocation	30	0.0%	21	0.0%	0.001	0.002
Suicide Attempt	740	0.1%	727	0.1%	-0.002	-0.001
Toxicity	166	0.0%	154	0.0%	0.001	0.001
Other Self Harm	392	0.1%	398	0.1%	-0.003	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	636,142	84.6%	610,605	84.2%	0.330	0.009
One moderate asthma exacerbation	102,248	13.6%	101,036	13.9%	-0.346	-0.010
Two or more moderate asthma exacerbations	13,867	1.8%	13,244	1.8%	0.016	0.001
No severe asthma exacerbations	746,036	99.2%	718,638	99.1%	0.035	0.004
One severe asthma exacerbation	5,972	0.8%	6,007	0.8%	-0.035	-0.004
Two or more severe asthma exacerbations	249	0.0%	240	0.0%	0.000	0.000

**Table 1v. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	149,061	19.8%	140,864	19.4%	0.383	0.010
Antipsychotics	34,680	4.6%	33,999	4.7%	-0.080	-0.004
Anxiolytics Hypnotics	135,151	18.0%	127,985	17.7%	0.310	0.008
Lithium Other Mood Stabilizers	40,611	5.4%	39,432	5.4%	-0.041	-0.002
Antidepressants	196,564	26.1%	187,145	25.8%	0.313	0.007
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.2	11.0	10.2	10.5	-0.030	-0.003
Mean number of emergency room encounters	0.4	1.2	0.4	1.2	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.7	9.2	2.8	9.7	-0.153	-0.016
Mean number of filled prescriptions	15.0	14.2	14.9	14.1	0.048	0.003
Mean number of generics dispensed	7.8	4.9	7.7	4.9	0.098	0.020
Mean number of unique drug classes dispensed	7.4	4.4	7.3	4.4	0.076	0.017
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.3	3.3	2.2	3.3	0.029	0.009

**Table 1v. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Medical Product		Covariate Balance
Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

**Table 1w. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	496,998	100.0%	568,609	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	47.9	15.5	41.4	16.4	6.567	0.412
	Number	Percent	Number	Percent		
10-24	103,207	20.8%	183,943	32.3%	-11.584	-0.265
25-54	181,369	36.5%	203,726	35.8%	0.664	0.014
≥ 55	212,422	42.7%	180,940	31.8%	10.920	0.227
Sex						
Female	496,998	100.0%	568,609	100.0%	0.000	NaN
Male	0	0.0%	0	0.0%	NaN	NaN
Race <sup>2</sup>						
American Indian or Alaska Native	3,088	0.6%	5,022	0.9%	-0.262	-0.030
Asian	10,099	2.0%	11,303	2.0%	0.044	0.003
Black or African American	55,788	11.2%	73,272	12.9%	-1.661	-0.051
Multi-racial	1,273	0.3%	1,215	0.2%	0.042	0.009
Native Hawaiian or Other Pacific Islander	849	0.2%	1,892	0.3%	-0.162	-0.032
Unknown	235,680	47.4%	273,965	48.2%	-0.761	-0.015
White	190,221	38.3%	201,940	35.5%	2.759	0.057
Hispanic origin						
Yes	36,809	7.4%	64,770	11.4%	-3.985	-0.137
No	244,649	49.2%	279,920	49.2%	-0.004	-0.000
Unknown	215,540	43.4%	223,919	39.4%	3.988	0.081

**Table 1w. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	18,927	3.8%	28,515	5.0%	-1.207	-0.059
2016	92,752	18.7%	128,076	22.5%	-3.862	-0.096
2017	105,455	21.2%	144,285	25.4%	-4.157	-0.098
2018	101,437	20.4%	122,830	21.6%	-1.192	-0.029
2019	62,191	16.4%	47,618	14.0%	2.337	0.065
2020	53,782	14.2%	45,014	13.3%	0.891	0.026
2021	47,659	12.5%	38,987	11.5%	1.055	0.032
2022	14,795	3.9%	13,284	3.9%	-0.020	-0.001
Pre-boxed warning	390,652	78.6%	479,451	84.3%	-5.718	-0.148
Post-boxed warning	106,346	21.4%	89,158	15.7%	5.718	0.148
Seasonality						
Winter	115,700	23.3%	143,931	25.3%	-2.033	-0.047
Spring	138,906	27.9%	127,260	22.4%	5.568	0.129
Summer	109,779	22.1%	122,376	21.5%	0.566	0.014
Autumn	132,613	26.7%	175,042	30.8%	-4.101	-0.091
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.6	1.5	1.6	1.4	0.069	0.048
	Number	Percent	Number	Percent		
Psychiatric History	277,038	55.7%	294,856	51.9%	3.887	0.078
Psychiatric Drug Dispensings <sup>4</sup>	212,582	42.8%	220,693	38.8%	3.960	0.081
Self Harm Encounter <sup>4</sup>	1,066	0.2%	1,883	0.3%	-0.117	-0.022
Encounter for Other Psychiatric Event <sup>4</sup>	226,311	45.5%	243,387	42.8%	2.732	0.055
Asthma Severity						



**Table 1w. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	53,952	10.9%	71,997	12.7%	-1.806	-0.056
Asthma Inpatient Encounter	1,704	0.3%	1,862	0.3%	0.015	0.003
Asthma Outpatient Encounter	474,486	95.5%	545,045	95.9%	-0.385	-0.019
Oral Corticosteroid Dispensing	147,886	29.8%	153,414	27.0%	2.775	0.062
Use of Other Asthma Medication	299,267	60.2%	437,748	77.0%	-16.771	-0.367
Allergic Rhinitis	213,715	43.0%	128,494	22.6%	20.403	0.445
Anxiety	108,163	21.8%	113,618	20.0%	1.782	0.044
Depression	89,002	17.9%	96,872	17.0%	0.871	0.023
Sleep Disorder	80,294	16.2%	67,008	11.8%	4.371	0.126
Substance Abuse	16,011	3.2%	24,060	4.2%	-1.010	-0.053
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,048	0.2%	1,927	0.3%	-0.128	-0.024
Suffocation	13	0.0%	26	0.0%	-0.002	-0.003
Suicide Attempt	557	0.1%	914	0.2%	-0.049	-0.013
Toxicity	119	0.0%	204	0.0%	-0.012	-0.007
Other Self Harm	298	0.1%	474	0.1%	-0.023	-0.009
Asthma Exacerbations						
No moderate asthma exacerbations	415,669	83.6%	476,164	83.7%	-0.106	-0.003
One moderate asthma exacerbation	71,220	14.3%	81,838	14.4%	-0.063	-0.002
Two or more moderate asthma exacerbations	10,109	2.0%	10,607	1.9%	0.169	0.012
No severe asthma exacerbations	492,356	99.1%	562,713	99.0%	0.103	0.010
One severe asthma exacerbation	4,456	0.9%	5,734	1.0%	-0.112	-0.012
Two or more severe asthma exacerbations	186	0.0%	162	0.0%	0.009	0.005

**Table 1w. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	114,312	23.0%	117,270	20.6%	2.376	0.058
Antipsychotics	24,881	5.0%	35,219	6.2%	-1.188	-0.052
Anxiolytics Hypnotics	106,367	21.4%	103,920	18.3%	3.126	0.078
Lithium Other Mood Stabilizers	30,785	6.2%	36,924	6.5%	-0.300	-0.012
Antidepressants	158,515	31.9%	164,716	29.0%	2.926	0.064
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	11.1	11.1	10.4	11.4	0.723	0.064
Mean number of emergency room encounters	0.5	1.3	0.6	1.4	-0.096	-0.072
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.002	-0.004
Mean number of other ambulatory encounters	2.8	8.8	3.4	11.5	-0.594	-0.058
Mean number of filled prescriptions	16.6	15.1	15.8	15.6	0.866	0.056
Mean number of generics dispensed	8.5	5.1	7.8	4.9	0.758	0.151
Mean number of unique drug classes dispensed	8.1	4.6	7.4	4.5	0.609	0.135
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	0.000	0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.5	-0.015	-0.035
Mean number of outpatient visits for respiratory disorders	2.4	3.3	1.8	2.8	0.558	0.181

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1x. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	496,977	N/A	478,459	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	47.9	15.5	47.8	16.4	0.150	0.009
	Number	Percent	Number	Percent		
10-24	103,207	20.8%	109,543	22.9%	-2.128	-0.058
25-54	181,358	36.5%	159,271	33.3%	3.204	0.071
≥ 55	212,412	42.7%	209,645	43.8%	-1.076	-0.029
Sex						
Female	496,977	100.0%	478,459	100.0%	0.000	NaN
Male	0	0.0%	0	0.0%	NaN	NaN
Race <sup>3</sup>						
American Indian or Alaska Native	3,087	0.6%	3,214	0.7%	-0.051	-0.006
Asian	10,098	2.0%	8,223	1.7%	0.313	0.023
Black or African American	55,785	11.2%	49,211	10.3%	0.939	0.031
Multi-racial	1,273	0.3%	1,178	0.2%	0.010	0.002
Native Hawaiian or Other Pacific Islander	849	0.2%	1,079	0.2%	-0.055	-0.012
Unknown	235,670	47.4%	229,050	47.9%	-0.452	-0.014
White	190,215	38.3%	186,504	39.0%	-0.706	-0.019
Hispanic origin						
Yes	36,806	7.4%	36,709	7.7%	-0.266	-0.011
No	244,641	49.2%	233,054	48.7%	0.517	0.017
Unknown	215,530	43.4%	208,696	43.6%	-0.250	-0.011

**Table 1x. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	18,926	3.8%	19,239	4.0%	-0.213	-0.011
2016	92,748	18.7%	91,434	19.1%	-0.448	-0.011
2017	105,452	21.2%	102,322	21.4%	-0.167	-0.004
2018	101,430	20.4%	96,558	20.2%	0.228	0.006
2019	62,188	16.4%	57,864	15.9%	0.519	0.014
2020	53,780	14.2%	51,477	14.1%	0.055	0.002
2021	47,658	12.5%	45,442	12.4%	0.097	0.003
2022	14,795	3.9%	14,124	3.9%	0.025	0.001
Pre-boxed warning	390,633	78.6%	376,684	78.7%	-0.127	-0.003
Post-boxed warning	106,344	21.4%	101,775	21.3%	0.127	0.003
Seasonality						
Winter	115,697	23.3%	112,599	23.5%	-0.254	-0.006
Spring	138,900	27.9%	130,037	27.2%	0.771	0.017
Summer	109,772	22.1%	105,848	22.1%	-0.035	-0.001
Autumn	132,608	26.7%	129,974	27.2%	-0.482	-0.011
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.6	1.5	1.6	1.5	0.001	0.000
	Number	Percent	Number	Percent		
Psychiatric History	277,018	55.7%	264,494	55.3%	0.460	0.009
Psychiatric Drug Dispensings <sup>5</sup>	212,565	42.8%	202,459	42.3%	0.457	0.009
Self Harm Encounter <sup>5</sup>	1,066	0.2%	1,059	0.2%	-0.007	-0.001
Encounter for Other Psychiatric Event <sup>5</sup>	226,294	45.5%	215,619	45.1%	0.469	0.010
Asthma Severity						

**Table 1x. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	53,948	10.9%	51,584	10.8%	0.074	0.002
Asthma Inpatient Encounter	1,704	0.3%	1,674	0.3%	-0.007	-0.001
Asthma Outpatient Encounter	474,474	95.5%	458,374	95.8%	-0.330	-0.016
Oral Corticosteroid Dispensing	147,877	29.8%	140,653	29.4%	0.358	0.008
Use of Other Asthma Medication	299,260	60.2%	297,416	62.2%	-1.945	-0.041
Allergic Rhinitis	213,701	43.0%	193,705	40.5%	2.515	0.051
Anxiety	108,153	21.8%	102,752	21.5%	0.287	0.007
Depression	88,991	17.9%	84,931	17.8%	0.155	0.004
Sleep Disorder	80,286	16.2%	75,362	15.8%	0.404	0.011
Substance Abuse	16,011	3.2%	15,530	3.2%	-0.024	-0.001
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,047	0.2%	1,118	0.2%	-0.023	-0.005
Suffocation	13	0.0%	12	0.0%	0.000	0.000
Suicide Attempt	557	0.1%	544	0.1%	-0.002	-0.000
Toxicity	118	0.0%	115	0.0%	-0.000	-0.000
Other Self Harm	298	0.1%	295	0.1%	-0.002	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	415,650	83.6%	398,551	83.3%	0.337	0.009
One moderate asthma exacerbation	71,218	14.3%	70,330	14.7%	-0.369	-0.010
Two or more moderate asthma exacerbations	10,109	2.0%	9,578	2.0%	0.032	0.002
No severe asthma exacerbations	492,338	99.1%	473,813	99.0%	0.038	0.004
One severe asthma exacerbation	4,454	0.9%	4,470	0.9%	-0.038	-0.004
Two or more severe asthma exacerbations	185	0.0%	176	0.0%	0.000	0.000

**Table 1x. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	114,299	23.0%	108,005	22.6%	0.425	0.010
Antipsychotics	24,877	5.0%	24,356	5.1%	-0.085	-0.004
Anxiolytics Hypnotics	106,352	21.4%	100,900	21.1%	0.311	0.008
Lithium Other Mood Stabilizers	30,781	6.2%	29,854	6.2%	-0.046	-0.002
Antidepressants	158,501	31.9%	151,130	31.6%	0.306	0.007
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	11.1	11.1	11.1	10.7		
Mean number of emergency room encounters	0.5	1.2	0.5	1.2	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.8	8.8	2.9	9.3	-0.150	-0.017
Mean number of filled prescriptions	16.6	15.1	16.6	15.0	0.046	0.003
Mean number of generics dispensed	8.5	5.1	8.4	5.2	0.098	0.019
Mean number of unique drug classes dispensed	8.1	4.6	8.0	4.6	0.075	0.016
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.4	3.3	2.3	3.3	0.025	0.008

**Table 1x. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

**Table 1y. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	255,259	100.0%	354,780	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	38.3	15.9	31.9	16.2	6.433	0.402
	Number	Percent	Number	Percent		
10-24	104,665	41.0%	191,944	54.1%	-13.099	-0.265
25-54	75,779	29.7%	90,710	25.6%	4.119	0.092
≥ 55	74,815	29.3%	72,126	20.3%	8.980	0.209
Sex						
Female	0	0.0%	0	0.0%	NaN	NaN
Male	255,259	100.0%	354,780	100.0%	0.000	NaN
Race <sup>2</sup>						
American Indian or Alaska Native	1,553	0.6%	2,873	0.8%	-0.201	-0.024
Asian	5,894	2.3%	8,378	2.4%	-0.052	-0.003
Black or African American	25,931	10.2%	43,498	12.3%	-2.102	-0.067
Multi-racial	639	0.3%	753	0.2%	0.038	0.008
Native Hawaiian or Other Pacific Islander	499	0.2%	1,343	0.4%	-0.183	-0.034
Unknown	142,937	56.0%	199,587	56.3%	-0.260	-0.005
White	77,806	30.5%	98,348	27.7%	2.760	0.061
Hispanic origin						
Yes	25,211	9.9%	49,711	14.0%	-4.135	-0.128
No	104,727	41.0%	147,028	41.4%	-0.414	-0.008
Unknown	125,321	49.1%	158,041	44.5%	4.549	0.091



**Table 1y. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	10,214	4.0%	18,173	5.1%	-1.121	-0.054
2016	49,236	19.3%	81,939	23.1%	-3.807	-0.093
2017	58,619	23.0%	94,019	26.5%	-3.536	-0.082
2018	55,124	21.6%	79,570	22.4%	-0.833	-0.020
2019	28,587	16.4%	27,123	14.4%	2.017	0.056
2020	24,175	13.9%	24,048	12.7%	1.117	0.033
2021	21,789	12.5%	22,075	11.7%	0.794	0.024
2022	7,515	4.3%	7,833	4.2%	0.158	0.008
Pre-boxed warning	206,361	80.8%	305,574	86.1%	-5.287	-0.143
Post-boxed warning	48,898	19.2%	49,206	13.9%	5.287	0.143
Seasonality						
Winter	58,760	23.0%	88,727	25.0%	-1.989	-0.047
Spring	70,687	27.7%	79,402	22.4%	5.312	0.123
Summer	56,987	22.3%	76,679	21.6%	0.712	0.017
Autumn	68,825	27.0%	109,972	31.0%	-4.034	-0.089
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.4	1.3	1.4	1.2	0.063	0.050
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	108,464	42.5%	144,144	40.6%	1.863	0.038
Psychiatric Drug Dispensings <sup>4</sup>	68,485	26.8%	91,469	25.8%	1.048	0.024
Self Harm Encounter <sup>4</sup>	342	0.1%	591	0.2%	-0.033	-0.008
Encounter for Other Psychiatric Event <sup>4</sup>	93,987	36.8%	126,140	35.6%	1.266	0.026
Asthma Severity						
Asthma Emergency Encounter	22,554	8.8%	38,498	10.9%	-2.016	-0.068

**Table 1y. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	547	0.2%	1,043	0.3%	-0.080	-0.016
Asthma Outpatient Encounter	246,182	96.4%	343,276	96.8%	-0.313	-0.017
Oral Corticosteroid Dispensing	60,903	23.9%	80,410	22.7%	1.195	0.028
Use of Other Asthma Medication	166,179	65.1%	285,718	80.5%	-15.432	-0.352
Allergic Rhinitis	110,642	43.3%	85,938	24.2%	19.122	0.413
Anxiety	28,486	11.2%	36,859	10.4%	0.770	0.025
Depression	21,438	8.4%	29,245	8.2%	0.155	0.006
Sleep Disorder	35,204	13.8%	34,037	9.6%	4.198	0.131
Substance Abuse	8,458	3.3%	15,269	4.3%	-0.990	-0.052
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	278	0.1%	556	0.2%	-0.048	-0.013
Suffocation	17	0.0%	20	0.0%	0.001	0.001
Suicide Attempt	183	0.1%	350	0.1%	-0.027	-0.009
Toxicity	47	0.0%	75	0.0%	-0.003	-0.002
Other Self Harm	94	0.0%	164	0.0%	-0.009	-0.005
Asthma Exacerbations						
No moderate asthma exacerbations	220,473	86.4%	303,122	85.4%	0.933	0.027
One moderate asthma exacerbation	31,028	12.2%	46,282	13.0%	-0.890	-0.027
Two or more moderate asthma exacerbations	3,758	1.5%	5,376	1.5%	-0.043	-0.004
No severe asthma exacerbations	253,680	99.4%	351,695	99.1%	0.251	0.029
One severe asthma exacerbation	1,516	0.6%	3,001	0.8%	-0.252	-0.030
Two or more severe asthma exacerbations	63	0.0%	84	0.0%	0.001	0.001

**Table 1y. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	34,749	13.6%	40,670	11.5%	2.150	0.065
Antipsychotics	9,799	3.8%	17,124	4.8%	-0.988	-0.049
Anxiolytics Hypnotics	28,784	11.3%	33,039	9.3%	1.964	0.065
Lithium Other Mood Stabilizers	9,826	3.8%	14,667	4.1%	-0.285	-0.015
Antidepressants	38,049	14.9%	48,721	13.7%	1.173	0.034
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	8.4	10.5	7.8	10.7		
Mean number of emergency room encounters	0.4	1.0	0.4	1.2	-0.060	-0.054
Mean number of inpatient hospital encounters	0.1	0.3	0.1	0.4	-0.001	-0.003
Mean number of other ambulatory encounters	2.5	9.8	3.2	12.9	-0.672	-0.059
Mean number of filled prescriptions	11.7	11.9	11.1	12.1	0.633	0.053
Mean number of generics dispensed	6.4	4.1	5.7	3.8	0.619	0.157
Mean number of unique drug classes dispensed	6.1	3.7	5.6	3.5	0.492	0.138
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.010	-0.025
Mean number of outpatient visits for respiratory disorders	2.1	3.2	1.6	2.8	0.494	0.164

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1z. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	255,192	N/A	246,700	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	38.3	15.9	38.1	17.0	0.172	0.010
	Number	Percent	Number	Percent		
10-24	104,662	41.0%	106,806	43.3%	-2.281	-0.057
25-54	75,767	29.7%	64,005	25.9%	3.746	0.087
≥ 55	74,763	29.3%	75,890	30.8%	-1.465	-0.043
Sex						
Female	0	0.0%	0	0.0%	NaN	NaN
Male	255,192	100.0%	246,700	100.0%	0.000	NaN
Race <sup>3</sup>						
American Indian or Alaska Native	1,553	0.6%	1,524	0.6%	-0.009	-0.001
Asian	5,891	2.3%	5,199	2.1%	0.201	0.014
Black or African American	25,927	10.2%	22,823	9.3%	0.909	0.032
Multi-racial	639	0.3%	587	0.2%	0.013	0.003
Native Hawaiian or Other Pacific Islander	499	0.2%	720	0.3%	-0.096	-0.020
Unknown	142,902	56.0%	140,031	56.8%	-0.764	-0.021
White	77,781	30.5%	75,816	30.7%	-0.253	-0.007
Hispanic origin						
Yes	25,205	9.9%	25,565	10.4%	-0.486	-0.018
No	104,699	41.0%	99,274	40.2%	0.787	0.024
Unknown	125,288	49.1%	121,860	49.4%	-0.301	-0.012

**Table 1z. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	10,212	4.0%	10,298	4.2%	-0.172	-0.009
2016	49,231	19.3%	48,528	19.7%	-0.379	-0.010
2017	58,611	23.0%	57,003	23.1%	-0.139	-0.003
2018	55,113	21.6%	52,791	21.4%	0.198	0.005
2019	28,566	16.4%	26,961	16.0%	0.371	0.010
2020	24,163	13.9%	23,128	13.7%	0.122	0.004
2021	21,785	12.5%	20,875	12.4%	0.096	0.003
2022	7,511	4.3%	7,117	4.2%	0.081	0.004
Pre-boxed warning	206,312	80.8%	199,895	81.0%	-0.182	-0.005
Post-boxed warning	48,880	19.2%	46,805	19.0%	0.182	0.005
Seasonality						
Winter	58,745	23.0%	57,423	23.3%	-0.256	-0.006
Spring	70,658	27.7%	66,573	27.0%	0.703	0.016
Summer	56,976	22.3%	55,128	22.3%	-0.020	-0.000
Autumn	68,813	27.0%	67,576	27.4%	-0.427	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.4	1.3	1.4	1.3	-0.002	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	108,408	42.5%	103,785	42.1%	0.412	0.008
Psychiatric Drug Dispensings <sup>5</sup>	68,441	26.8%	65,564	26.6%	0.243	0.006
Self Harm Encounter <sup>5</sup>	342	0.1%	283	0.1%	0.019	0.006
Encounter for Other Psychiatric Event <sup>5</sup>	93,936	36.8%	89,519	36.3%	0.523	0.011
Asthma Severity						

**Table 1z. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	22,547	8.8%	21,802	8.8%	-0.002	-0.000
Asthma Inpatient Encounter	545	0.2%	554	0.2%	-0.011	-0.002
Asthma Outpatient Encounter	246,124	96.4%	238,461	96.7%	-0.214	-0.012
Oral Corticosteroid Dispensing	60,861	23.8%	58,117	23.6%	0.291	0.007
Use of Other Asthma Medication	166,168	65.1%	164,830	66.8%	-1.699	-0.037
Allergic Rhinitis	110,584	43.3%	100,937	40.9%	2.419	0.049
Anxiety	28,463	11.2%	27,247	11.0%	0.109	0.003
Depression	21,424	8.4%	20,609	8.4%	0.041	0.002
Sleep Disorder	35,169	13.8%	33,004	13.4%	0.403	0.012
Substance Abuse	8,455	3.3%	8,354	3.4%	-0.073	-0.004
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	278	0.1%	291	0.1%	-0.009	-0.003
Suffocation	17	0.0%	*****	0.0%	0.003	0.004
Suicide Attempt	182	0.1%	183	0.1%	-0.003	-0.001
Toxicity	47	0.0%	39	0.0%	0.003	0.002
Other Self Harm	94	0.0%	102	0.0%	-0.004	-0.002
Asthma Exacerbations						
No moderate asthma exacerbations	220,424	86.4%	212,253	86.0%	0.339	0.010
One moderate asthma exacerbation	31,013	12.2%	30,752	12.5%	-0.312	-0.010
Two or more moderate asthma exacerbations	3,755	1.5%	3,695	1.5%	-0.026	-0.002
No severe asthma exacerbations	253,616	99.4%	245,098	99.4%	0.032	0.004
One severe asthma exacerbation	1,515	0.6%	1,542	0.6%	-0.031	-0.004
Two or more severe asthma exacerbations	61	0.0%	61	0.0%	-0.001	-0.001

**Table 1z. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	34,709	13.6%	33,106	13.4%	0.182	0.005
Antipsychotics	9,789	3.8%	9,663	3.9%	-0.081	-0.004
Anxiolytics Hypnotics	28,754	11.3%	27,380	11.1%	0.169	0.005
Lithium Other Mood Stabilizers	9,820	3.8%	9,644	3.9%	-0.061	-0.003
Antidepressants	38,019	14.9%	36,491	14.8%	0.106	0.003
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	8.4	10.5	8.4	10.1		
Mean number of emergency room encounters	0.4	1.0	0.4	1.1	-0.003	-0.003
Mean number of inpatient hospital encounters	0.1	0.3	0.1	0.3	-0.001	-0.004
Mean number of other ambulatory encounters	2.5	9.8	2.7	10.6	-0.164	-0.016
Mean number of filled prescriptions	11.7	11.8	11.7	11.7	-0.019	-0.002
Mean number of generics dispensed	6.3	4.1	6.3	4.1	0.065	0.016
Mean number of unique drug classes dispensed	6.0	3.7	6.0	3.7	0.050	0.014
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.1	3.2	2.1	3.2	0.031	0.010

**Table 1z. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1aa. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	207,872	100.0%	375,887	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	15.6	4.0	15.0	3.8	0.628	0.161
	Number	Percent	Number	Percent		
10-24	207,872	100.0%	375,887	100.0%	0.000	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	103,207	49.6%	183,943	48.9%	0.714	0.014
Male	104,665	50.4%	191,944	51.1%	-0.714	-0.014
Race <sup>2</sup>						
American Indian or Alaska Native	1,875	0.9%	3,666	1.0%	-0.073	-0.008
Asian	3,223	1.6%	7,781	2.1%	-0.520	-0.039
Black or African American	30,300	14.6%	58,379	15.5%	-0.955	-0.027
Multi-racial	448	0.2%	676	0.2%	0.036	0.008
Native Hawaiian or Other Pacific Islander	381	0.2%	1,640	0.4%	-0.253	-0.046
Unknown	133,761	64.3%	233,470	62.1%	2.236	0.046
White	37,884	18.2%	70,275	18.7%	-0.471	-0.012
Hispanic origin						
Yes	36,007	17.3%	75,976	20.2%	-2.891	-0.074
No	71,482	34.4%	138,113	36.7%	-2.356	-0.049
Unknown	100,383	48.3%	161,798	43.0%	5.246	0.105

**Table 1aa. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,718	4.7%	20,009	5.3%	-0.648	-0.030
2016	48,700	23.4%	95,879	25.5%	-2.080	-0.048
2017	59,946	28.8%	113,853	30.3%	-1.451	-0.032
2018	54,094	26.0%	92,686	24.7%	1.365	0.031
2019	13,511	16.1%	18,246	14.5%	1.596	0.044
2020	9,706	11.6%	14,962	11.9%	-0.328	-0.010
2021	8,746	10.4%	14,427	11.5%	-1.047	-0.034
2022	3,451	4.1%	5,825	4.6%	-0.518	-0.025
Pre-boxed warning	187,878	90.4%	343,771	91.5%	-1.074	-0.037
Post-boxed warning	19,994	9.6%	32,116	8.5%	1.074	0.037
Seasonality						
Winter	43,717	21.0%	89,354	23.8%	-2.741	-0.066
Spring	54,434	26.2%	78,707	20.9%	5.247	0.124
Summer	50,043	24.1%	84,617	22.5%	1.563	0.037
Autumn	59,678	28.7%	123,209	32.8%	-4.069	-0.088
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.2	0.5	1.2	0.5	-0.006	-0.012
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	68,592	33.0%	123,140	32.8%	0.237	0.005
Psychiatric Drug Dispensings <sup>4</sup>	43,119	20.7%	74,283	19.8%	0.981	0.024
Self Harm Encounter <sup>4</sup>	553	0.3%	1,175	0.3%	-0.047	-0.009
Encounter for Other Psychiatric Event <sup>4</sup>	60,185	29.0%	109,621	29.2%	-0.210	-0.005
Asthma Severity						

**Table 1aa. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	24,077	11.6%	47,337	12.6%	-1.011	-0.031
Asthma Inpatient Encounter	413	0.2%	1,147	0.3%	-0.106	-0.021
Asthma Outpatient Encounter	199,785	96.1%	363,837	96.8%	-0.685	-0.037
Oral Corticosteroid Dispensing	42,363	20.4%	78,553	20.9%	-0.519	-0.013
Use of Other Asthma Medication	156,997	75.5%	323,028	85.9%	-10.412	-0.266
Allergic Rhinitis	92,342	44.4%	97,742	26.0%	18.420	0.393
Anxiety	20,705	10.0%	36,986	9.8%	0.121	0.004
Depression	15,563	7.5%	27,916	7.4%	0.060	0.002
Sleep Disorder	6,788	3.3%	10,427	2.8%	0.491	0.029
Substance Abuse	2,845	1.4%	6,159	1.6%	-0.270	-0.022
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	547	0.3%	1,204	0.3%	-0.057	-0.011
Suffocation	17	0.0%	27	0.0%	0.001	0.001
Suicide Attempt	288	0.1%	628	0.2%	-0.029	-0.007
Toxicity	58	0.0%	126	0.0%	-0.006	-0.003
Other Self Harm	162	0.1%	312	0.1%	-0.005	-0.002
Asthma Exacerbations						
No moderate asthma exacerbations	181,745	87.4%	322,274	85.7%	1.694	0.050
One moderate asthma exacerbation	23,947	11.5%	48,725	13.0%	-1.443	-0.044
Two or more moderate asthma exacerbations	2,180	1.0%	4,888	1.3%	-0.252	-0.023
No severe asthma exacerbations	206,881	99.5%	372,677	99.1%	0.377	0.046
One severe asthma exacerbation	954	0.5%	3,128	0.8%	-0.373	-0.047
Two or more severe asthma exacerbations	37	0.0%	82	0.0%	-0.004	-0.003

**Table 1aa. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	13,031	6.3%	20,608	5.5%	0.786	0.033
Antipsychotics	6,023	2.9%	11,759	3.1%	-0.231	-0.014
Anxiolytics Hypnotics	11,280	5.4%	17,583	4.7%	0.749	0.034
Lithium Other Mood Stabilizers	4,719	2.3%	9,032	2.4%	-0.133	-0.009
Antidepressants	21,178	10.2%	35,087	9.3%	0.854	0.029
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.5	8.1	6.6	8.5	-0.045	-0.005
Mean number of emergency room encounters	0.4	1.0	0.4	1.0	-0.036	-0.036
Mean number of inpatient hospital encounters	0.0	0.3	0.0	0.3	-0.008	-0.028
Mean number of other ambulatory encounters	2.3	10.3	2.9	12.8	-0.673	-0.058
Mean number of filled prescriptions	7.5	7.1	7.4	7.4	0.051	0.007
Mean number of generics dispensed	4.9	3.1	4.7	2.9	0.256	0.084
Mean number of unique drug classes dispensed	4.8	2.8	4.6	2.7	0.153	0.055
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.2	-0.006	-0.038
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.008	-0.022
<b>Mean number of outpatient visits for respiratory disorders</b>	<b>1.8</b>	<b>2.9</b>	<b>1.5</b>	<b>2.5</b>	<b>0.356</b>	<b>0.133</b>

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1ab. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	207,831	N/A	201,205	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	15.6	4.0	15.5	4.0	0.080	0.020
	Number	Percent	Number	Percent		
10-24	207,831	100.0%	201,205	100.0%	0.000	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	103,178	49.6%	99,427	49.4%	0.229	0.005
Male	104,653	50.4%	101,778	50.6%	-0.229	-0.005
Race <sup>3</sup>						
American Indian or Alaska Native	1,875	0.9%	1,743	0.9%	0.036	0.004
Asian	3,223	1.6%	3,945	2.0%	-0.410	-0.031
Black or African American	30,297	14.6%	27,427	13.6%	0.947	0.029
Multi-racial	448	0.2%	390	0.2%	0.022	0.005
Native Hawaiian or Other Pacific Islander	381	0.2%	763	0.4%	-0.196	-0.037
Unknown	133,728	64.3%	132,377	65.8%	-1.448	-0.036
White	37,879	18.2%	34,560	17.2%	1.049	0.029
Hispanic origin						
Yes	36,006	17.3%	37,493	18.6%	-1.309	-0.037
No	71,475	34.4%	66,185	32.9%	1.497	0.039
Unknown	100,350	48.3%	97,528	48.5%	-0.187	-0.007

**Table 1ab. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,717	4.7%	9,626	4.8%	-0.109	-0.005
2016	48,695	23.4%	47,581	23.6%	-0.218	-0.005
2017	59,936	28.8%	58,265	29.0%	-0.119	-0.003
2018	54,084	26.0%	51,664	25.7%	0.346	0.008
2019	13,504	16.1%	12,792	15.8%	0.292	0.008
2020	9,700	11.6%	9,451	11.7%	-0.114	-0.004
2021	8,744	10.4%	8,490	10.5%	-0.067	-0.002
2022	3,451	4.1%	3,336	4.1%	-0.008	-0.000
Pre-boxed warning	187,843	90.4%	181,777	90.3%	0.039	0.001
Post-boxed warning	19,988	9.6%	19,428	9.7%	-0.039	-0.001
Seasonality						
Winter	43,712	21.0%	42,885	21.3%	-0.282	-0.007
Spring	54,407	26.2%	51,249	25.5%	0.708	0.016
Summer	50,037	24.1%	48,373	24.0%	0.034	0.001
Autumn	59,675	28.7%	58,698	29.2%	-0.460	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.2	0.5	1.2	0.5	-0.001	-0.001
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	68,559	33.0%	65,961	32.8%	0.205	0.004
Psychiatric Drug Dispensings <sup>5</sup>	43,094	20.7%	40,587	20.2%	0.563	0.014
Self Harm Encounter <sup>5</sup>	553	0.3%	545	0.3%	-0.005	-0.001
Encounter for Other Psychiatric Event <sup>5</sup>	60,154	28.9%	57,637	28.6%	0.298	0.007
Asthma Severity						

**Table 1ab. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	24,067	11.6%	23,270	11.6%	0.015	0.000
Asthma Inpatient Encounter	413	0.2%	437	0.2%	-0.019	-0.004
Asthma Outpatient Encounter	199,754	96.1%	193,941	96.4%	-0.276	-0.015
Oral Corticosteroid Dispensing	42,345	20.4%	41,037	20.4%	-0.021	-0.001
Use of Other Asthma Medication	156,987	75.5%	155,504	77.3%	-1.750	-0.042
Allergic Rhinitis	92,303	44.4%	84,945	42.2%	2.195	0.045
Anxiety	20,688	10.0%	19,870	9.9%	0.079	0.003
Depression	15,553	7.5%	14,965	7.4%	0.046	0.002
Sleep Disorder	6,778	3.3%	6,359	3.2%	0.101	0.006
Substance Abuse	2,842	1.4%	2,835	1.4%	-0.042	-0.004
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	547	0.3%	601	0.3%	-0.035	-0.007
Suffocation	17	0.0%	*****	0.0%	0.003	0.004
Suicide Attempt	288	0.1%	309	0.2%	-0.015	-0.004
Toxicity	58	0.0%	62	0.0%	-0.003	-0.002
Other Self Harm	162	0.1%	156	0.1%	0.000	0.000
Asthma Exacerbations						
No moderate asthma exacerbations	181,708	87.4%	174,407	86.7%	0.749	0.022
One moderate asthma exacerbation	23,944	11.5%	24,289	12.1%	-0.551	-0.017
Two or more moderate asthma exacerbations	2,179	1.0%	2,509	1.2%	-0.199	-0.019
No severe asthma exacerbations	206,841	99.5%	200,124	99.5%	0.061	0.009
One severe asthma exacerbation	954	0.5%	1,041	0.5%	-0.058	-0.008
Two or more severe asthma exacerbations	36	0.0%	40	0.0%	-0.003	-0.002

**Table 1ab. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	13,022	6.3%	12,363	6.1%	0.121	0.005
Antipsychotics	6,017	2.9%	5,947	3.0%	-0.061	-0.004
Anxiolytics Hypnotics	11,269	5.4%	10,560	5.2%	0.174	0.008
Lithium Other Mood Stabilizers	4,713	2.3%	4,603	2.3%	-0.020	-0.001
Antidepressants	21,161	10.2%	20,149	10.0%	0.168	0.006
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	6.5	8.1	6.6	7.8		
Mean number of emergency room encounters	0.4	1.0	0.4	1.0	-0.002	-0.002
Mean number of inpatient hospital encounters	0.0	0.3	0.0	0.3	-0.002	-0.007
Mean number of other ambulatory encounters	2.3	10.3	2.6	11.6	-0.350	-0.032
Mean number of filled prescriptions	7.5	7.1	7.5	7.1	0.013	0.002
Mean number of generics dispensed	4.9	3.1	4.9	3.2	0.051	0.016
Mean number of unique drug classes dispensed	4.8	2.8	4.7	2.9	0.037	0.013
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.001	-0.008
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	1.8	2.9	1.8	2.8	0.042	0.015



**Table 1ab. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1ac. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	257,148	100.0%	294,436	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	40.4	8.4	39.8	8.5	0.512	0.061
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	257,148	100.0%	294,436	100.0%	0.000	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	181,369	70.5%	203,726	69.2%	1.339	0.029
Male	75,779	29.5%	90,710	30.8%	-1.339	-0.029
Race <sup>2</sup>						
American Indian or Alaska Native	1,423	0.6%	2,696	0.9%	-0.362	-0.042
Asian	4,290	1.7%	5,838	2.0%	-0.314	-0.023
Black or African American	24,390	9.5%	36,234	12.3%	-2.821	-0.091
Multi-racial	1,158	0.5%	1,019	0.3%	0.104	0.017
Native Hawaiian or Other Pacific Islander	405	0.2%	1,086	0.4%	-0.211	-0.041
Unknown	171,015	66.5%	167,557	56.9%	9.597	0.198
White	54,467	21.2%	80,006	27.2%	-5.991	-0.140
Hispanic origin						
Yes	17,129	6.7%	28,464	9.7%	-3.006	-0.110
No	74,388	28.9%	116,562	39.6%	-10.660	-0.226
Unknown	165,631	64.4%	149,410	50.7%	13.666	0.279

**Table 1ac. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,809	3.8%	14,029	4.8%	-0.950	-0.047
2016	48,279	18.8%	64,375	21.9%	-3.089	-0.077
2017	55,357	21.5%	75,785	25.7%	-4.212	-0.099
2018	53,240	20.7%	65,905	22.4%	-1.679	-0.041
2019	29,855	15.4%	22,845	13.4%	2.047	0.058
2020	28,163	14.6%	23,750	13.9%	0.643	0.018
2021	23,589	12.2%	19,834	11.6%	0.573	0.018
2022	8,856	4.6%	7,913	4.6%	-0.058	-0.003
Pre-boxed warning	201,276	78.3%	246,933	83.9%	-5.594	-0.143
Post-boxed warning	55,872	21.7%	47,503	16.1%	5.594	0.143
Seasonality						
Winter	59,055	23.0%	75,126	25.5%	-2.550	-0.060
Spring	75,203	29.2%	68,655	23.3%	5.928	0.135
Summer	55,312	21.5%	61,601	20.9%	0.588	0.014
Autumn	67,578	26.3%	89,054	30.2%	-3.966	-0.088
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.4	1.1	1.5	1.2	-0.053	-0.046
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	143,353	55.7%	168,149	57.1%	-1.362	-0.027
Psychiatric Drug Dispensings <sup>4</sup>	107,788	41.9%	126,188	42.9%	-0.941	-0.019
Self Harm Encounter <sup>4</sup>	705	0.3%	1,141	0.4%	-0.113	-0.020
Encounter for Other Psychiatric Event <sup>4</sup>	120,700	46.9%	142,478	48.4%	-1.452	-0.029
Asthma Severity						
Asthma Emergency Encounter	31,695	12.3%	43,028	14.6%	-2.288	-0.067

**Table 1ac. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	937	0.4%	1,019	0.3%	0.018	0.003
Asthma Outpatient Encounter	245,692	95.5%	281,169	95.5%	0.051	0.002
Oral Corticosteroid Dispensing	78,193	30.4%	85,975	29.2%	1.208	0.026
Use of Other Asthma Medication	171,159	66.6%	237,360	80.6%	-14.055	-0.323
Allergic Rhinitis	109,249	42.5%	59,267	20.1%	22.356	0.497
Anxiety	60,551	23.5%	68,544	23.3%	0.267	0.006
Depression	43,810	17.0%	53,492	18.2%	-1.131	-0.030
Sleep Disorder	38,545	15.0%	36,504	12.4%	2.591	0.075
Substance Abuse	13,267	5.2%	24,373	8.3%	-3.119	-0.125
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	634	0.2%	1,111	0.4%	-0.131	-0.023
Suffocation	*****	0.0%	19	0.0%	-0.002	-0.002
Suicide Attempt	372	0.1%	562	0.2%	-0.046	-0.011
Toxicity	72	0.0%	130	0.0%	-0.016	-0.009
Other Self Harm	194	0.1%	290	0.1%	-0.023	-0.008
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	215,246	83.7%	243,203	82.6%	1.105	0.030
One moderate asthma exacerbation	36,786	14.3%	44,976	15.3%	-0.970	-0.027
Two or more moderate asthma exacerbations	5,116	2.0%	6,257	2.1%	-0.136	-0.010
No severe asthma exacerbations	254,842	99.1%	291,437	99.0%	0.122	0.013
One severe asthma exacerbation	2,180	0.8%	2,893	1.0%	-0.135	-0.014
Two or more severe asthma exacerbations	126	0.0%	106	0.0%	0.013	0.006

**Table 1ac. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	60,024	23.3%	72,975	24.8%	-1.442	-0.034
Antipsychotics	17,888	7.0%	28,585	9.7%	-2.752	-0.100
Anxiolytics Hypnotics	56,414	21.9%	63,995	21.7%	0.204	0.005
Lithium Other Mood Stabilizers	20,512	8.0%	27,559	9.4%	-1.383	-0.049
Antidepressants	78,757	30.6%	94,183	32.0%	-1.360	-0.029
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	9.6	11.2	10.1	12.5	-0.446	-0.038
Mean number of emergency room encounters	0.6	1.5	0.7	1.8	-0.158	-0.096
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.015	-0.035
Mean number of other ambulatory encounters	2.6	9.4	3.6	12.4	-0.938	-0.085
Mean number of filled prescriptions	15.7	15.1	16.7	16.5	-1.058	-0.067
Mean number of generics dispensed	7.9	5.1	7.9	5.1	0.044	0.009
Mean number of unique drug classes dispensed	7.5	4.6	7.5	4.6	-0.030	-0.006
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.3	-0.006	-0.024
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.2	0.5	-0.022	-0.043
Mean number of outpatient visits for respiratory disorders	2.1	3.2	1.6	2.7	0.454	0.154

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1ad. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	257,106	N/A	247,528	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	40.3	8.4	40.4	8.5	-0.002	-0.000
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	257,106	100.0%	247,528	100.0%	0.000	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	181,330	70.5%	173,831	70.2%	0.301	0.007
Male	75,776	29.5%	73,698	29.8%	-0.301	-0.007
Race <sup>3</sup>						
American Indian or Alaska Native	1,422	0.6%	1,561	0.6%	-0.078	-0.010
Asian	4,290	1.7%	3,970	1.6%	0.065	0.005
Black or African American	24,383	9.5%	22,654	9.2%	0.332	0.012
Multi-racial	1,158	0.5%	1,153	0.5%	-0.016	-0.002
Native Hawaiian or Other Pacific Islander	405	0.2%	556	0.2%	-0.067	-0.015
Unknown	170,995	66.5%	164,605	66.5%	0.008	0.000
White	54,453	21.2%	53,029	21.4%	-0.244	-0.007
Hispanic origin						
Yes	17,121	6.7%	16,756	6.8%	-0.110	-0.005
No	74,368	28.9%	71,067	28.7%	0.214	0.008
Unknown	165,617	64.4%	159,706	64.5%	-0.104	-0.004

**Table 1ad. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,809	3.8%	9,894	4.0%	-0.182	-0.009
2016	48,275	18.8%	47,147	19.0%	-0.271	-0.007
2017	55,349	21.5%	53,426	21.6%	-0.056	-0.001
2018	53,226	20.7%	50,608	20.4%	0.257	0.007
2019	29,846	15.4%	27,950	15.0%	0.409	0.011
2020	28,158	14.6%	27,182	14.6%	-0.051	-0.001
2021	23,587	12.2%	22,780	12.2%	-0.048	-0.001
2022	8,856	4.6%	8,542	4.6%	-0.012	-0.001
Pre-boxed warning	201,241	78.3%	193,542	78.2%	0.082	0.002
Post-boxed warning	55,865	21.7%	53,987	21.8%	-0.082	-0.002
Seasonality						
Winter	59,053	23.0%	57,809	23.4%	-0.386	-0.009
Spring	75,180	29.2%	70,204	28.4%	0.879	0.019
Summer	55,300	21.5%	53,053	21.4%	0.076	0.002
Autumn	67,573	26.3%	66,462	26.9%	-0.568	-0.013
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.4	1.1	1.4	1.1	-0.002	-0.001
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	143,311	55.7%	136,924	55.3%	0.424	0.009
Psychiatric Drug Dispensings <sup>5</sup>	107,750	41.9%	102,597	41.4%	0.460	0.010
Self Harm Encounter <sup>5</sup>	705	0.3%	634	0.3%	0.018	0.003
Encounter for Other Psychiatric Event <sup>5</sup>	120,664	46.9%	115,321	46.6%	0.343	0.007
Asthma Severity						

**Table 1ad. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	31,679	12.3%	30,144	12.2%	0.143	0.004
Asthma Inpatient Encounter	935	0.4%	908	0.4%	-0.003	-0.001
Asthma Outpatient Encounter	245,669	95.6%	237,342	95.9%	-0.333	-0.017
Oral Corticosteroid Dispensing	78,162	30.4%	74,963	30.3%	0.116	0.003
Use of Other Asthma Medication	171,156	66.6%	169,941	68.7%	-2.085	-0.045
Allergic Rhinitis	109,208	42.5%	99,045	40.0%	2.462	0.051
Anxiety	60,528	23.5%	57,637	23.3%	0.257	0.006
Depression	43,790	17.0%	41,980	17.0%	0.072	0.002
Sleep Disorder	38,524	15.0%	36,168	14.6%	0.372	0.011
Substance Abuse	13,266	5.2%	13,043	5.3%	-0.110	-0.005
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	632	0.2%	645	0.3%	-0.015	-0.003
Suffocation	*****	0.0%	*****	0.0%	0.001	0.001
Suicide Attempt	371	0.1%	339	0.1%	0.007	0.002
Toxicity	71	0.0%	72	0.0%	-0.001	-0.001
Other Self Harm	194	0.1%	185	0.1%	0.001	0.000
Asthma Exacerbations						
No moderate asthma exacerbations	215,213	83.7%	205,669	83.1%	0.617	0.017
One moderate asthma exacerbation	36,778	14.3%	36,896	14.9%	-0.601	-0.017
Two or more moderate asthma exacerbations	5,115	2.0%	4,964	2.0%	-0.016	-0.001
No severe asthma exacerbations	254,802	99.1%	245,233	99.1%	0.031	0.003
One severe asthma exacerbation	2,179	0.8%	2,185	0.9%	-0.035	-0.004
Two or more severe asthma exacerbations	125	0.0%	111	0.0%	0.004	0.002



**Table 1ad. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	59,994	23.3%	56,916	23.0%	0.341	0.008
Antipsychotics	17,879	7.0%	17,402	7.0%	-0.076	-0.003
Anxiolytics Hypnotics	56,380	21.9%	53,586	21.6%	0.280	0.007
Lithium Other Mood Stabilizers	20,503	8.0%	19,779	8.0%	-0.016	-0.001
Antidepressants	78,731	30.6%	75,231	30.4%	0.229	0.005
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	9.6	11.2	9.7	10.8	-0.084	-0.008
Mean number of emergency room encounters	0.6	1.5	0.6	1.5	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of other ambulatory encounters	2.6	9.4	2.7	9.4	-0.090	-0.010
Mean number of filled prescriptions	15.7	15.1	15.6	15.0	0.065	0.004
Mean number of generics dispensed	7.9	5.1	7.8	5.2	0.092	0.018
Mean number of unique drug classes dispensed	7.5	4.5	7.4	4.6	0.071	0.015
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.003
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.1	0.5	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.1	3.2	2.1	3.1	0.009	0.003

**Table 1ad. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1ae. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	287,237	100.0%	253,066	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	69.6	7.3	69.0	7.5	0.535	0.072
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	287,237	100.0%	253,066	100.0%	0.000	NaN
Sex						
Female	212,422	74.0%	180,940	71.5%	2.454	0.055
Male	74,815	26.0%	72,126	28.5%	-2.454	-0.055
Race <sup>2</sup>						
American Indian or Alaska Native	1,343	0.5%	1,533	0.6%	-0.138	-0.019
Asian	8,480	3.0%	6,062	2.4%	0.557	0.035
Black or African American	27,029	9.4%	22,157	8.8%	0.655	0.023
Multi-racial	306	0.1%	273	0.1%	-0.001	-0.000
Native Hawaiian or Other Pacific Islander	562	0.2%	509	0.2%	-0.005	-0.001
Unknown	73,841	25.7%	72,525	28.7%	-2.951	-0.066
White	175,676	61.2%	150,007	59.3%	1.885	0.039
Hispanic origin						
Yes	8,884	3.1%	10,041	4.0%	-0.875	-0.047
No	203,506	70.8%	172,273	68.1%	2.775	0.060
Unknown	74,847	26.1%	70,752	28.0%	-1.900	-0.043

**Table 1ae. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,614	3.3%	12,650	5.0%	-1.652	-0.083
2016	45,009	15.7%	49,761	19.7%	-3.994	-0.105
2017	48,771	17.0%	48,666	19.2%	-2.251	-0.058
2018	49,227	17.1%	43,809	17.3%	-0.173	-0.005
2019	47,412	17.1%	33,650	14.5%	2.587	0.071
2020	40,088	14.5%	30,350	13.1%	1.367	0.040
2021	37,113	13.4%	26,801	11.6%	1.826	0.055
2022	10,003	3.6%	7,379	3.2%	0.425	0.023
Pre-boxed warning	207,859	72.4%	194,321	76.8%	-4.422	-0.102
Post-boxed warning	79,378	27.6%	58,745	23.2%	4.422	0.102
Seasonality						
Winter	71,688	25.0%	68,178	26.9%	-1.983	-0.045
Spring	79,956	27.8%	59,300	23.4%	4.404	0.101
Summer	61,411	21.4%	52,837	20.9%	0.501	0.012
Autumn	74,182	25.8%	72,751	28.7%	-2.922	-0.066
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	2.0	2.0	2.0	2.1	0.005	0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	173,557	60.4%	147,711	58.4%	2.054	0.042
Psychiatric Drug Dispensings <sup>4</sup>	130,160	45.3%	111,691	44.1%	1.179	0.024
Self Harm Encounter <sup>4</sup>	150	0.1%	158	0.1%	-0.010	-0.004
Encounter for Other Psychiatric Event <sup>4</sup>	139,413	48.5%	117,428	46.4%	2.134	0.043
Asthma Severity						
Asthma Emergency Encounter	20,734	7.2%	20,130	8.0%	-0.736	-0.028

**Table 1ae. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	901	0.3%	739	0.3%	0.022	0.004
Asthma Outpatient Encounter	275,191	95.8%	243,315	96.1%	-0.341	-0.017
Oral Corticosteroid Dispensing	88,233	30.7%	69,296	27.4%	3.335	0.074
Use of Other Asthma Medication	137,290	47.8%	163,078	64.4%	-16.644	-0.340
Allergic Rhinitis	122,766	42.7%	57,423	22.7%	20.049	0.437
Anxiety	55,393	19.3%	44,947	17.8%	1.524	0.039
Depression	51,067	17.8%	44,709	17.7%	0.112	0.003
Sleep Disorder	70,165	24.4%	54,114	21.4%	3.044	0.072
Substance Abuse	8,357	2.9%	8,797	3.5%	-0.567	-0.032
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	145	0.1%	168	0.1%	-0.016	-0.007
Suffocation	*****	0.0%	0	0.0%	NaN	NaN
Suicide Attempt	80	0.0%	74	0.0%	-0.001	-0.001
Toxicity	36	0.0%	23	0.0%	0.003	0.003
Other Self Harm	36	0.0%	36	0.0%	-0.002	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	239,151	83.3%	213,809	84.5%	-1.228	-0.033
One moderate asthma exacerbation	41,515	14.5%	34,419	13.6%	0.852	0.025
Two or more moderate asthma exacerbations	6,571	2.3%	4,838	1.9%	0.376	0.026
No severe asthma exacerbations	284,313	99.0%	250,294	98.9%	0.077	0.008
One severe asthma exacerbation	2,838	1.0%	2,714	1.1%	-0.084	-0.008
Two or more severe asthma exacerbations	86	0.0%	58	0.0%	0.007	0.004

**Table 1ae. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	76,006	26.5%	64,357	25.4%	1.030	0.024
Antipsychotics	10,769	3.7%	11,999	4.7%	-0.992	-0.049
Anxiolytics Hypnotics	67,457	23.5%	55,381	21.9%	1.601	0.038
Lithium Other Mood Stabilizers	15,380	5.4%	15,000	5.9%	-0.573	-0.025
Antidepressants	96,629	33.6%	84,167	33.3%	0.382	0.008
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.3	12.3	12.7	12.4	0.534	0.043
Mean number of emergency room encounters	0.3	0.9	0.4	1.0	-0.024	-0.026
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.006	-0.015
Mean number of other ambulatory encounters	3.0	7.8	3.5	10.3	-0.471	-0.052
Mean number of filled prescriptions	19.8	15.5	20.5	16.7	-0.725	-0.045
Mean number of generics dispensed	9.7	5.1	9.3	5.0	0.369	0.073
Mean number of unique drug classes dispensed	9.2	4.6	9.0	4.5	0.223	0.049
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.006	-0.019
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.006	-0.014
<a href="#">Mean number of outpatient visits for respiratory disorders</a>	<a href="#">2.7</a>	<a href="#">3.7</a>	<a href="#">2.2</a>	<a href="#">3.3</a>	<a href="#">0.550</a>	<a href="#">0.157</a>

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1af. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	287,155	N/A	275,983	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	69.6	7.3	69.6	7.4	-0.018	-0.002
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	287,155	100.0%	275,983	100.0%	0.000	NaN
Sex						
Female	212,356	74.0%	203,295	73.7%	0.290	0.007
Male	74,799	26.0%	72,688	26.3%	-0.290	-0.007
Race <sup>3</sup>						
American Indian or Alaska Native	1,343	0.5%	1,425	0.5%	-0.049	-0.007
Asian	8,475	3.0%	5,678	2.1%	0.894	0.058
Black or African American	27,010	9.4%	21,916	7.9%	1.465	0.053
Multi-racial	305	0.1%	315	0.1%	-0.008	-0.002
Native Hawaiian or Other Pacific Islander	562	0.2%	481	0.2%	0.021	0.005
Unknown	73,818	25.7%	71,614	25.9%	-0.242	-0.009
White	175,642	61.2%	174,555	63.2%	-2.082	-0.055
Hispanic origin						
Yes	8,876	3.1%	8,068	2.9%	0.168	0.010
No	203,454	70.9%	194,623	70.5%	0.332	0.014
Unknown	74,825	26.1%	73,292	26.6%	-0.499	-0.026

**Table 1af. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,613	3.3%	9,962	3.6%	-0.262	-0.014
2016	45,005	15.7%	44,876	16.3%	-0.588	-0.016
2017	48,753	17.0%	47,456	17.2%	-0.217	-0.006
2018	49,204	17.1%	46,839	17.0%	0.163	0.004
2019	47,390	17.1%	44,026	16.6%	0.570	0.015
2020	40,082	14.5%	38,134	14.3%	0.145	0.004
2021	37,108	13.4%	35,215	13.2%	0.168	0.005
2022	10,000	3.6%	9,476	3.6%	0.051	0.003
Pre-boxed warning	207,790	72.4%	200,400	72.6%	-0.251	-0.006
Post-boxed warning	79,365	27.6%	75,584	27.4%	0.251	0.006
Seasonality						
Winter	71,677	25.0%	69,404	25.1%	-0.187	-0.004
Spring	79,915	27.8%	74,799	27.1%	0.727	0.016
Summer	61,390	21.4%	59,340	21.5%	-0.123	-0.003
Autumn	74,173	25.8%	72,439	26.2%	-0.417	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	2.0	2.0	2.0	2.0	0.000	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	173,488	60.4%	165,240	59.9%	0.543	0.011
Psychiatric Drug Dispensings <sup>5</sup>	130,095	45.3%	124,214	45.0%	0.297	0.006
Self Harm Encounter <sup>5</sup>	150	0.1%	131	0.0%	0.005	0.002
Encounter for Other Psychiatric Event <sup>5</sup>	139,360	48.5%	132,100	47.9%	0.666	0.013
Asthma Severity						



**Table 1af. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	20,726	7.2%	19,727	7.1%	0.070	0.003
Asthma Inpatient Encounter	898	0.3%	879	0.3%	-0.006	-0.001
Asthma Outpatient Encounter	275,120	95.8%	265,267	96.1%	-0.308	-0.016
Oral Corticosteroid Dispensing	88,184	30.7%	83,219	30.2%	0.556	0.012
Use of Other Asthma Medication	137,273	47.8%	136,581	49.5%	-1.685	-0.034
Allergic Rhinitis	122,692	42.7%	110,490	40.0%	2.692	0.055
Anxiety	55,358	19.3%	52,309	19.0%	0.325	0.008
Depression	51,040	17.8%	48,400	17.5%	0.237	0.006
Sleep Disorder	70,138	24.4%	66,028	23.9%	0.501	0.012
Substance Abuse	8,350	2.9%	7,886	2.9%	0.050	0.003
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	145	0.1%	131	0.0%	0.003	0.001
Suffocation	*****	0.0%	0	0.0%	NaN	NaN
Suicide Attempt	80	0.0%	60	0.0%	0.006	0.004
Toxicity	36	0.0%	17	0.0%	0.007	0.007
Other Self Harm	36	0.0%	29	0.0%	0.002	0.002
Asthma Exacerbations						
No moderate asthma exacerbations	239,089	83.3%	230,515	83.5%	-0.264	-0.007
One moderate asthma exacerbation	41,497	14.5%	39,607	14.4%	0.100	0.003
Two or more moderate asthma exacerbations	6,569	2.3%	5,862	2.1%	0.164	0.011
No severe asthma exacerbations	284,236	99.0%	273,120	99.0%	0.021	0.002
One severe asthma exacerbation	2,836	1.0%	2,787	1.0%	-0.022	-0.002
Two or more severe asthma exacerbations	83	0.0%	76	0.0%	0.001	0.001

**Table 1af. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	75,955	26.5%	71,705	26.0%	0.469	0.011
Antipsychotics	10,761	3.7%	10,511	3.8%	-0.061	-0.003
Anxiolytics Hypnotics	67,405	23.5%	64,010	23.2%	0.280	0.007
Lithium Other Mood Stabilizers	15,369	5.4%	14,966	5.4%	-0.070	-0.003
Antidepressants	96,586	33.6%	92,024	33.3%	0.292	0.006
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.3	12.3	13.3	11.7	-0.044	-0.004
Mean number of emergency room encounters	0.3	0.9	0.3	0.9	0.001	0.001
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.000
Mean number of other ambulatory encounters	3.0	7.8	3.1	8.1	-0.043	-0.005
Mean number of filled prescriptions	19.8	15.5	19.8	15.3	-0.023	-0.001
Mean number of generics dispensed	9.7	5.1	9.6	5.2	0.092	0.018
Mean number of unique drug classes dispensed	9.2	4.6	9.1	4.6	0.070	0.015
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.001	-0.003
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.7	3.7	2.7	3.8	0.022	0.006

**Table 1af. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1ag. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	366,755	100.0%	484,389	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	39.7	15.7	32.9	15.9	6.758	0.429
	Number	Percent	Number	Percent		
10-24	139,280	38.0%	252,747	52.2%	-14.202	-0.288
25-54	113,795	31.0%	126,287	26.1%	4.956	0.110
≥ 55	113,680	31.0%	105,355	21.8%	9.246	0.211
Sex						
Female	219,960	60.0%	273,753	56.5%	3.460	0.070
Male	146,795	40.0%	210,636	43.5%	-3.460	-0.070
Race <sup>2</sup>						
American Indian or Alaska Native	2,125	0.6%	3,847	0.8%	-0.215	-0.026
Asian	10,459	2.9%	13,781	2.8%	0.007	0.000
Black or African American	40,995	11.2%	63,077	13.0%	-1.844	-0.057
Multi-racial	1,061	0.3%	1,120	0.2%	0.058	0.011
Native Hawaiian or Other Pacific Islander	795	0.2%	2,164	0.4%	-0.230	-0.040
Unknown	213,063	58.1%	282,637	58.3%	-0.255	-0.005
White	98,257	26.8%	117,763	24.3%	2.479	0.057
Hispanic origin						
Yes	38,389	10.5%	73,527	15.2%	-4.712	-0.141
No	141,923	38.7%	189,966	39.2%	-0.521	-0.011
Unknown	186,443	50.8%	220,896	45.6%	5.233	0.105

**Table 1ag. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	15,456	4.2%	25,241	5.2%	-0.997	-0.047
2016	73,028	19.9%	113,667	23.5%	-3.554	-0.086
2017	84,999	23.2%	130,716	27.0%	-3.810	-0.088
2018	79,849	21.8%	108,391	22.4%	-0.605	-0.015
2019	40,339	16.1%	35,999	14.0%	2.052	0.057
2020	34,053	13.6%	32,400	12.6%	0.950	0.028
2021	29,079	11.6%	27,760	10.8%	0.775	0.025
2022	9,952	4.0%	10,215	4.0%	-0.013	-0.001
Pre-boxed warning	300,130	81.8%	420,264	86.8%	-4.928	-0.136
Post-boxed warning	66,625	18.2%	64,125	13.2%	4.928	0.136
Seasonality						
Winter	84,483	23.0%	122,436	25.3%	-2.241	-0.052
Spring	101,541	27.7%	107,561	22.2%	5.481	0.127
Summer	81,177	22.1%	103,540	21.4%	0.758	0.018
Autumn	99,554	27.1%	150,852	31.1%	-3.998	-0.088
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.2	1.0	1.1	0.8	0.030	0.033
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	0	0.0%	0	0.0%	NaN	NaN
Psychiatric Drug Dispensings <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Self Harm Encounter <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Encounter for Other Psychiatric Event <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Asthma Severity						
Asthma Emergency Encounter	29,345	8.0%	48,926	10.1%	-2.099	-0.073

**Table 1ag. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	762	0.2%	1,157	0.2%	-0.031	-0.007
Asthma Outpatient Encounter	356,965	97.3%	472,197	97.5%	-0.152	-0.010
Oral Corticosteroid Dispensing	86,673	23.6%	108,718	22.4%	1.188	0.028
Use of Other Asthma Medication	240,263	65.5%	387,214	79.9%	-14.428	-0.328
Allergic Rhinitis	159,610	43.5%	118,966	24.6%	18.960	0.408
Anxiety	0	0.0%	0	0.0%	NaN	NaN
Depression	0	0.0%	0	0.0%	NaN	NaN
Sleep Disorder	0	0.0%	0	0.0%	NaN	NaN
Substance Abuse	0	0.0%	0	0.0%	NaN	NaN
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	182	0.0%	337	0.1%	-0.020	-0.008
Suffocation	*****	0.0%	*****	0.0%	-0.000	-0.001
Suicide Attempt	95	0.0%	152	0.0%	-0.005	-0.003
Toxicity	19	0.0%	26	0.0%	-0.000	-0.000
Other Self Harm	46	0.0%	60	0.0%	0.000	0.000
Asthma Exacerbations						
No moderate asthma exacerbations	315,934	86.1%	412,777	85.2%	0.927	0.026
One moderate asthma exacerbation	45,527	12.4%	64,410	13.3%	-0.884	-0.026
Two or more moderate asthma exacerbations	5,294	1.4%	7,202	1.5%	-0.043	-0.004
No severe asthma exacerbations	365,006	99.5%	481,258	99.4%	0.169	0.023
One severe asthma exacerbation	1,706	0.5%	3,089	0.6%	-0.173	-0.023
Two or more severe asthma exacerbations	43	0.0%	42	0.0%	0.003	0.003

**Table 1ag. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	38,221	10.4%	42,767	8.8%	1.592	0.054
Antipsychotics	0	0.0%	0	0.0%	NaN	NaN
Anxiolytics Hypnotics	0	0.0%	0	0.0%	NaN	NaN
Lithium Other Mood Stabilizers	0	0.0%	0	0.0%	NaN	NaN
Antidepressants	78	0.0%	129	0.0%	-0.005	-0.003
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.7	7.3	5.9	6.6	0.797	0.114
Mean number of emergency room encounters	0.3	0.7	0.3	0.8	-0.053	-0.072
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.2	-0.000	-0.001
Mean number of other ambulatory encounters	1.2	4.3	1.3	5.0	-0.049	-0.010
Mean number of filled prescriptions	9.0	8.2	8.1	7.6	0.915	0.116
Mean number of generics dispensed	5.6	3.4	5.0	3.1	0.589	0.183
Mean number of unique drug classes dispensed	5.3	3.1	4.9	2.8	0.472	0.160
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.001	-0.005
Mean number of emergency department visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.013	-0.038
Mean number of outpatient visits for respiratory disorders	2.0	3.0	1.5	2.6	0.451	0.160

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1ah. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	366,683	N/A	354,806	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	39.7	15.7	39.5	16.8	0.174	0.011
	Number	Percent	Number	Percent		
10-24	139,277	38.0%	143,484	40.4%	-2.457	-0.059
25-54	113,785	31.0%	96,077	27.1%	3.952	0.092
≥ 55	113,621	31.0%	115,245	32.5%	-1.495	-0.046
Sex						
Female	219,910	60.0%	211,223	59.5%	0.441	0.009
Male	146,773	40.0%	143,583	40.5%	-0.441	-0.009
Race <sup>3</sup>						
American Indian or Alaska Native	2,124	0.6%	2,214	0.6%	-0.045	-0.006
Asian	10,452	2.9%	8,979	2.5%	0.320	0.020
Black or African American	40,984	11.2%	35,872	10.1%	1.067	0.036
Multi-racial	1,061	0.3%	949	0.3%	0.022	0.004
Native Hawaiian or Other Pacific Islander	794	0.2%	1,175	0.3%	-0.115	-0.022
Unknown	213,036	58.1%	208,424	58.7%	-0.645	-0.018
White	98,232	26.8%	97,191	27.4%	-0.604	-0.017
Hispanic origin						
Yes	38,378	10.5%	38,852	11.0%	-0.484	-0.017
No	141,882	38.7%	134,851	38.0%	0.686	0.021
Unknown	186,423	50.8%	181,103	51.0%	-0.203	-0.008



**Table 1ah. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	15,453	4.2%	15,582	4.4%	-0.178	-0.009
2016	73,020	19.9%	71,971	20.3%	-0.371	-0.009
2017	84,989	23.2%	82,775	23.3%	-0.152	-0.004
2018	79,837	21.8%	76,338	21.5%	0.257	0.006
2019	40,321	16.1%	37,965	15.6%	0.415	0.011
2020	34,046	13.6%	32,837	13.5%	0.029	0.001
2021	29,066	11.6%	27,844	11.5%	0.103	0.003
2022	9,951	4.0%	9,494	3.9%	0.051	0.003
Pre-boxed warning	300,076	81.8%	290,736	81.9%	-0.107	-0.003
Post-boxed warning	66,607	18.2%	64,070	18.1%	0.107	0.003
Seasonality						
Winter	84,467	23.0%	82,702	23.3%	-0.274	-0.006
Spring	101,512	27.7%	95,643	27.0%	0.727	0.016
Summer	81,163	22.1%	78,590	22.2%	-0.016	-0.000
Autumn	99,541	27.1%	97,871	27.6%	-0.438	-0.010
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.2	1.0	1.2	1.0	-0.002	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	0	0.0%	0	0.0%	NaN	NaN
Psychiatric Drug Dispensings <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Self Harm Encounter <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Encounter for Other Psychiatric Event <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Asthma Severity						

**Table 1ah. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	29,336	8.0%	28,511	8.0%	-0.035	-0.001
Asthma Inpatient Encounter	760	0.2%	742	0.2%	-0.002	-0.000
Asthma Outpatient Encounter	356,902	97.3%	345,909	97.5%	-0.160	-0.010
Oral Corticosteroid Dispensing	86,635	23.6%	82,937	23.4%	0.251	0.006
Use of Other Asthma Medication	240,241	65.5%	238,053	67.1%	-1.577	-0.035
Allergic Rhinitis	159,548	43.5%	146,307	41.2%	2.275	0.046
Anxiety	0	0.0%	0	0.0%	NaN	NaN
Depression	0	0.0%	0	0.0%	NaN	NaN
Sleep Disorder	0	0.0%	0	0.0%	NaN	NaN
Substance Abuse	0	0.0%	0	0.0%	NaN	NaN
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	182	0.0%	190	0.1%	-0.004	-0.002
Suffocation	*****	0.0%	*****	0.0%	-0.000	-0.000
Suicide Attempt	95	0.0%	83	0.0%	0.002	0.002
Toxicity	19	0.0%	15	0.0%	0.001	0.001
Other Self Harm	46	0.0%	34	0.0%	0.003	0.003
Asthma Exacerbations						
No moderate asthma exacerbations	315,883	86.1%	303,779	85.6%	0.528	0.015
One moderate asthma exacerbation	45,509	12.4%	45,704	12.9%	-0.470	-0.014
Two or more moderate asthma exacerbations	5,291	1.4%	5,323	1.5%	-0.057	-0.005
No severe asthma exacerbations	364,938	99.5%	353,051	99.5%	0.019	0.003
One severe asthma exacerbation	1,706	0.5%	1,721	0.5%	-0.020	-0.003
Two or more severe asthma exacerbations	39	0.0%	34	0.0%	0.001	0.001

**Table 1ah. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	38,191	10.4%	36,427	10.3%	0.148	0.005
Antipsychotics	0	0.0%	0	0.0%	NaN	NaN
Anxiolytics Hypnotics	0	0.0%	0	0.0%	NaN	NaN
Lithium Other Mood Stabilizers	0	0.0%	0	0.0%	NaN	NaN
Antidepressants	76	0.0%	69	0.0%	0.001	0.001
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.7	7.3	6.7	6.9	-0.001	-0.000
Mean number of emergency room encounters	0.3	0.7	0.3	0.7	-0.001	-0.001
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.2	-0.000	-0.001
Mean number of other ambulatory encounters	1.2	4.3	1.3	4.4	-0.041	-0.009
Mean number of filled prescriptions	9.0	8.1	8.9	7.9	0.064	0.008
Mean number of generics dispensed	5.6	3.4	5.5	3.4	0.076	0.022
Mean number of unique drug classes dispensed	5.3	3.1	5.3	3.1	0.061	0.020
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.000	-0.002
Mean number of emergency department visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.0	3.0	1.9	3.0	0.026	0.009

**Table 1ah. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1ai. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	385,502	100.0%	439,000	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	49.4	15.5	43.0	16.6	6.402	0.399
	Number	Percent	Number	Percent		
10-24	68,592	17.8%	123,140	28.1%	-10.257	-0.246
25-54	143,353	37.2%	168,149	38.3%	-1.117	-0.023
≥ 55	173,557	45.0%	147,711	33.6%	11.374	0.234
Sex						
Female	277,038	71.9%	294,856	67.2%	4.699	0.102
Male	108,464	28.1%	144,144	32.8%	-4.699	-0.102
Race <sup>2</sup>						
American Indian or Alaska Native	2,516	0.7%	4,048	0.9%	-0.269	-0.030
Asian	5,534	1.4%	5,900	1.3%	0.092	0.008
Black or African American	40,724	10.6%	53,693	12.2%	-1.667	-0.052
Multi-racial	851	0.2%	848	0.2%	0.028	0.006
Native Hawaiian or Other Pacific Islander	553	0.1%	1,071	0.2%	-0.101	-0.023
Unknown	165,554	42.9%	190,915	43.5%	-0.544	-0.011
White	169,770	44.0%	182,525	41.6%	2.461	0.050
Hispanic origin						
Yes	23,631	6.1%	40,954	9.3%	-3.199	-0.120
No	207,453	53.8%	236,982	54.0%	-0.169	-0.003
Unknown	154,418	40.1%	161,064	36.7%	3.368	0.069

**Table 1ai. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	13,685	3.5%	21,447	4.9%	-1.336	-0.066
2016	68,960	17.9%	96,348	21.9%	-4.059	-0.102
2017	79,075	20.5%	107,588	24.5%	-3.995	-0.096
2018	76,712	19.9%	94,009	21.4%	-1.515	-0.037
2019	50,439	16.6%	38,742	14.3%	2.345	0.065
2020	43,904	14.5%	36,662	13.5%	0.956	0.028
2021	40,369	13.3%	33,302	12.3%	1.030	0.031
2022	12,358	4.1%	10,902	4.0%	0.054	0.003
Pre-boxed warning	296,883	77.0%	364,761	83.1%	-6.077	-0.153
Post-boxed warning	88,619	23.0%	74,239	16.9%	6.077	0.153
Seasonality						
Winter	89,977	23.3%	110,222	25.1%	-1.767	-0.041
Spring	108,052	28.0%	99,101	22.6%	5.455	0.126
Summer	85,589	22.2%	95,515	21.8%	0.445	0.011
Autumn	101,884	26.4%	134,162	30.6%	-4.132	-0.092
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.9	1.8	1.9	1.6	0.066	0.039
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,502	100.0%	439,000	100.0%	0.000	NaN
Psychiatric Drug Dispensings <sup>4</sup>	281,067	72.9%	312,162	71.1%	1.802	0.040
Self Harm Encounter <sup>4</sup>	1,408	0.4%	2,474	0.6%	-0.198	-0.029
Encounter for Other Psychiatric Event <sup>4</sup>	320,298	83.1%	369,527	84.2%	-1.089	-0.029
Asthma Severity						
Asthma Emergency Encounter	47,161	12.2%	61,569	14.0%	-1.791	-0.053

**Table 1ai. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	1,489	0.4%	1,748	0.4%	-0.012	-0.002
Asthma Outpatient Encounter	363,703	94.3%	416,124	94.8%	-0.444	-0.020
Oral Corticosteroid Dispensing	122,116	31.7%	125,106	28.5%	3.179	0.069
Use of Other Asthma Medication	225,183	58.4%	336,252	76.6%	-18.182	-0.396
Allergic Rhinitis	164,747	42.7%	95,466	21.7%	20.989	0.461
Anxiety	136,649	35.4%	150,477	34.3%	1.170	0.025
Depression	110,440	28.6%	126,117	28.7%	-0.080	-0.002
Sleep Disorder	115,498	30.0%	101,045	23.0%	6.943	0.158
Substance Abuse	24,469	6.3%	39,329	9.0%	-2.611	-0.098
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,144	0.3%	2,146	0.5%	-0.192	-0.031
Suffocation	*****	0.0%	*****	0.0%	-0.002	-0.002
Suicide Attempt	645	0.2%	1,112	0.3%	-0.086	-0.019
Toxicity	147	0.0%	253	0.1%	-0.019	-0.009
Other Self Harm	346	0.1%	578	0.1%	-0.042	-0.013
Asthma Exacerbations						
No moderate asthma exacerbations	320,208	83.1%	366,509	83.5%	-0.425	-0.011
One moderate asthma exacerbation	56,721	14.7%	63,710	14.5%	0.201	0.006
Two or more moderate asthma exacerbations	8,573	2.2%	8,781	2.0%	0.224	0.016
No severe asthma exacerbations	381,030	98.8%	433,150	98.7%	0.173	0.016
One severe asthma exacerbation	4,266	1.1%	5,646	1.3%	-0.179	-0.017
Two or more severe asthma exacerbations	206	0.1%	204	0.0%	0.007	0.003

**Table 1ai. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	110,840	28.8%	115,173	26.2%	2.517	0.056
Antipsychotics	34,680	9.0%	52,343	11.9%	-2.927	-0.096
Anxiolytics Hypnotics	135,151	35.1%	136,959	31.2%	3.860	0.082
Lithium Other Mood Stabilizers	40,611	10.5%	51,591	11.8%	-1.217	-0.039
Antidepressants	196,486	51.0%	213,308	48.6%	2.379	0.048
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.5	12.9	13.2	13.8	0.236	0.018
Mean number of emergency room encounters	0.6	1.5	0.7	1.7	-0.129	-0.081
Mean number of inpatient hospital encounters	0.1	0.5	0.1	0.5	-0.008	-0.016
Mean number of other ambulatory encounters	4.1	11.8	5.5	16.2	-1.452	-0.102
Mean number of filled prescriptions	20.6	16.8	20.5	17.8	0.182	0.011
Mean number of generics dispensed	9.9	5.4	9.2	5.2	0.703	0.133
Mean number of unique drug classes dispensed	9.3	4.8	8.8	4.7	0.548	0.116
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.003	-0.010
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.2	0.5	-0.016	-0.033
Mean number of outpatient visits for respiratory disorders	2.5	3.5	1.9	3.0	0.603	0.185

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1aj. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	385,471	N/A	369,831	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	49.4	15.5	49.3	16.4	0.140	0.009
	Number	Percent	Number	Percent		
10-24	68,590	17.8%	72,773	19.7%	-1.884	-0.055
25-54	143,331	37.2%	127,029	34.3%	2.836	0.062
≥ 55	173,550	45.0%	170,029	46.0%	-0.952	-0.024
Sex						
Female	277,011	71.9%	264,469	71.5%	0.352	0.008
Male	108,460	28.1%	105,362	28.5%	-0.352	-0.008
Race <sup>3</sup>						
American Indian or Alaska Native	2,515	0.7%	2,519	0.7%	-0.029	-0.004
Asian	5,534	1.4%	4,531	1.2%	0.210	0.018
Black or African American	40,717	10.6%	36,083	9.8%	0.806	0.028
Multi-racial	851	0.2%	815	0.2%	0.000	0.000
Native Hawaiian or Other Pacific Islander	553	0.1%	626	0.2%	-0.026	-0.007
Unknown	165,541	42.9%	160,403	43.4%	-0.427	-0.013
White	169,760	44.0%	164,854	44.6%	-0.536	-0.014
Hispanic origin						
Yes	23,626	6.1%	23,386	6.3%	-0.194	-0.008
No	207,441	53.8%	197,221	53.3%	0.488	0.017
Unknown	154,404	40.1%	149,225	40.3%	-0.293	-0.013

**Table 1aj. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	13,684	3.5%	13,932	3.8%	-0.217	-0.012
2016	68,958	17.9%	67,869	18.4%	-0.462	-0.012
2017	79,066	20.5%	76,452	20.7%	-0.161	-0.004
2018	76,703	19.9%	72,843	19.7%	0.202	0.005
2019	50,434	16.6%	46,764	16.1%	0.529	0.014
2020	43,902	14.5%	41,723	14.4%	0.110	0.003
2021	40,367	13.3%	38,471	13.3%	0.064	0.002
2022	12,357	4.1%	11,777	4.1%	0.019	0.001
Pre-boxed warning	296,856	77.0%	285,318	77.1%	-0.137	-0.003
Post-boxed warning	88,615	23.0%	84,513	22.9%	0.137	0.003
Seasonality						
Winter	89,972	23.3%	87,289	23.6%	-0.262	-0.006
Spring	108,037	28.0%	100,763	27.2%	0.782	0.017
Summer	85,584	22.2%	82,230	22.2%	-0.032	-0.001
Autumn	101,878	26.4%	99,550	26.9%	-0.488	-0.011
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.9	1.8	1.9	1.7	-0.003	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,471	100.0%	369,831	100.0%	0.000	NaN
Psychiatric Drug Dispensings <sup>5</sup>	281,040	72.9%	269,075	72.8%	0.152	0.003
Self Harm Encounter <sup>5</sup>	1,408	0.4%	1,370	0.4%	-0.005	-0.001
Encounter for Other Psychiatric Event <sup>5</sup>	320,269	83.1%	306,616	82.9%	0.178	0.005
Asthma Severity						

**Table 1aj. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	47,151	12.2%	44,826	12.1%	0.111	0.003
Asthma Inpatient Encounter	1,489	0.4%	1,492	0.4%	-0.017	-0.003
Asthma Outpatient Encounter	363,688	94.3%	350,456	94.8%	-0.412	-0.018
Oral Corticosteroid Dispensing	122,100	31.7%	115,716	31.3%	0.387	0.008
Use of Other Asthma Medication	225,178	58.4%	223,897	60.5%	-2.124	-0.045
Allergic Rhinitis	164,720	42.7%	147,834	40.0%	2.759	0.056
Anxiety	136,633	35.4%	130,370	35.3%	0.195	0.004
Depression	110,424	28.6%	105,652	28.6%	0.079	0.002
Sleep Disorder	115,482	30.0%	109,064	29.5%	0.469	0.011
Substance Abuse	24,467	6.3%	23,738	6.4%	-0.071	-0.003
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,143	0.3%	1,225	0.3%	-0.035	-0.006
Suffocation	*****	0.0%	*****	0.0%	0.002	0.003
Suicide Attempt	644	0.2%	651	0.2%	-0.009	-0.002
Toxicity	147	0.0%	140	0.0%	0.000	0.000
Other Self Harm	346	0.1%	368	0.1%	-0.010	-0.003
Asthma Exacerbations						
No moderate asthma exacerbations	320,180	83.1%	306,670	82.9%	0.140	0.004
One moderate asthma exacerbation	56,718	14.7%	55,213	14.9%	-0.215	-0.006
Two or more moderate asthma exacerbations	8,573	2.2%	7,948	2.1%	0.075	0.005
No severe asthma exacerbations	381,000	98.8%	365,329	98.8%	0.057	0.005
One severe asthma exacerbation	4,265	1.1%	4,301	1.2%	-0.057	-0.005
Two or more severe asthma exacerbations	206	0.1%	201	0.1%	-0.001	-0.000

**Table 1aj. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	110,820	28.7%	104,623	28.3%	0.460	0.010
Antipsychotics	34,672	9.0%	33,853	9.2%	-0.159	-0.006
Anxiolytics Hypnotics	135,128	35.1%	128,700	34.8%	0.256	0.005
Lithium Other Mood Stabilizers	40,604	10.5%	39,459	10.7%	-0.136	-0.004
Antidepressants	196,467	51.0%	187,937	50.8%	0.151	0.003
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	13.5	12.9	13.6	12.4		
Mean number of emergency room encounters	0.6	1.5	0.6	1.4	-0.005	-0.003
Mean number of inpatient hospital encounters	0.1	0.5	0.1	0.5	-0.002	-0.003
Mean number of other ambulatory encounters	4.1	11.8	4.4	12.6	-0.286	-0.023
Mean number of filled prescriptions	20.6	16.8	20.7	16.5	-0.041	-0.002
Mean number of generics dispensed	9.9	5.4	9.8	5.4	0.081	0.015
Mean number of unique drug classes dispensed	9.3	4.8	9.2	4.8	0.057	0.012
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.002	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.1	0.5	-0.001	-0.003
Mean number of outpatient visits for respiratory disorders	2.5	3.5	2.5	3.5	0.026	0.007

**Table 1aj. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1ak. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	597,013	100.0%	785,025	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	42.6	15.8	36.0	16.4	6.540	0.406
	Number	Percent	Number	Percent		
10-24	187,878	31.5%	343,771	43.8%	-12.321	-0.256
25-54	201,276	33.7%	246,933	31.5%	2.258	0.048
≥ 55	207,859	34.8%	194,321	24.8%	10.063	0.221
Sex						
Female	390,652	65.4%	479,451	61.1%	4.360	0.091
Male	206,361	34.6%	305,574	38.9%	-4.360	-0.091
Race <sup>2</sup>						
American Indian or Alaska Native	4,135	0.7%	7,519	1.0%	-0.265	-0.029
Asian	13,700	2.3%	18,066	2.3%	-0.007	-0.000
Black or African American	71,432	12.0%	109,892	14.0%	-2.034	-0.061
Multi-racial	1,256	0.2%	1,185	0.2%	0.059	0.014
Native Hawaiian or Other Pacific Islander	1,168	0.2%	3,122	0.4%	-0.202	-0.037
Unknown	294,664	49.4%	389,100	49.6%	-0.209	-0.004
White	210,658	35.3%	256,141	32.6%	2.657	0.056
Hispanic origin						
Yes	58,338	9.8%	111,481	14.2%	-4.429	-0.137
No	287,397	48.1%	382,037	48.7%	-0.526	-0.011
Unknown	251,278	42.1%	291,507	37.1%	4.956	0.101

**Table 1ak. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	29,141	4.9%	46,688	5.9%	-1.066	-0.047
2016	141,988	23.8%	210,015	26.8%	-2.970	-0.068
2017	164,074	27.5%	238,304	30.4%	-2.874	-0.063
2018	156,561	26.2%	202,400	25.8%	0.441	0.010
2019	90,778	22.8%	74,741	19.2%	3.567	0.088
2020	14,471	3.6%	12,877	3.3%	0.321	0.018
2021	0	0.0%	0	0.0%	NaN	NaN
2022	0	0.0%	0	0.0%	NaN	NaN
Pre-boxed warning	597,013	100.0%	785,025	100.0%	0.000	NaN
Post-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Seasonality						
Winter	138,409	23.2%	196,460	25.0%	-1.842	-0.043
Spring	158,765	26.6%	168,468	21.5%	5.133	0.120
Summer	132,491	22.2%	168,718	21.5%	0.700	0.017
Autumn	167,348	28.0%	251,379	32.0%	-3.991	-0.087
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.5	1.4	1.5	1.2	0.065	0.049
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	296,883	49.7%	364,761	46.5%	3.263	0.065
Psychiatric Drug Dispensings <sup>4</sup>	216,746	36.3%	258,783	33.0%	3.340	0.070
Self Harm Encounter <sup>4</sup>	1,238	0.2%	2,254	0.3%	-0.080	-0.016
Encounter for Other Psychiatric Event <sup>4</sup>	244,530	41.0%	305,703	38.9%	2.017	0.041
Asthma Severity						
Asthma Emergency Encounter	64,326	10.8%	98,904	12.6%	-1.824	-0.057

**Table 1ak. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	2,005	0.3%	2,707	0.3%	-0.009	-0.002
Asthma Outpatient Encounter	570,669	95.6%	753,892	96.0%	-0.447	-0.022
Oral Corticosteroid Dispensing	168,300	28.2%	200,647	25.6%	2.631	0.059
Use of Other Asthma Medication	379,053	63.5%	626,836	79.8%	-16.358	-0.369
Allergic Rhinitis	255,197	42.7%	178,388	22.7%	20.022	0.437
Anxiety	100,214	16.8%	119,313	15.2%	1.587	0.043
Depression	83,188	13.9%	103,058	13.1%	0.806	0.024
Sleep Disorder	83,144	13.9%	77,672	9.9%	4.032	0.125
Substance Abuse	19,275	3.2%	34,163	4.4%	-1.123	-0.059
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,168	0.2%	2,296	0.3%	-0.097	-0.020
Suffocation	*****	0.0%	*****	0.0%	-0.001	-0.002
Suicide Attempt	649	0.1%	1,145	0.1%	-0.037	-0.010
Toxicity	146	0.0%	259	0.0%	-0.009	-0.005
Other Self Harm	328	0.1%	551	0.1%	-0.015	-0.006
Asthma Exacerbations						
No moderate asthma exacerbations	500,056	83.8%	657,199	83.7%	0.043	0.001
One moderate asthma exacerbation	85,302	14.3%	113,518	14.5%	-0.172	-0.005
Two or more moderate asthma exacerbations	11,655	2.0%	14,308	1.8%	0.130	0.010
No severe asthma exacerbations	591,660	99.1%	776,910	99.0%	0.137	0.014
One severe asthma exacerbation	5,137	0.9%	7,895	1.0%	-0.145	-0.015
Two or more severe asthma exacerbations	216	0.0%	220	0.0%	0.008	0.005



**Table 1ak. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	121,058	20.3%	137,379	17.5%	2.777	0.071
Antipsychotics	27,913	4.7%	45,150	5.8%	-1.076	-0.048
Anxiolytics Hypnotics	104,869	17.6%	113,674	14.5%	3.085	0.084
Lithium Other Mood Stabilizers	32,406	5.4%	43,716	5.6%	-0.141	-0.006
Antidepressants	148,664	24.9%	173,853	22.1%	2.755	0.065
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.0	10.9	9.3	11.2	0.773	0.070
Mean number of emergency room encounters	0.5	1.2	0.5	1.4	-0.077	-0.060
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.000
Mean number of other ambulatory encounters	2.8	9.9	3.4	12.8	-0.695	-0.061
Mean number of filled prescriptions	15.0	14.4	13.9	14.6	1.014	0.070
Mean number of generics dispensed	7.8	4.9	7.0	4.6	0.793	0.167
Mean number of unique drug classes dispensed	7.3	4.4	6.7	4.2	0.639	0.149
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.000	-0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.010	-0.024
Mean number of outpatient visits for respiratory disorders	2.3	3.3	1.7	2.7	0.587	0.194

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1a. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	596,988	N/A	575,135	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	42.6	15.8	42.4	16.8	0.188	0.012
	Number	Percent	Number	Percent		
10-24	187,877	31.5%	193,068	33.6%	-2.098	-0.053
25-54	201,269	33.7%	175,546	30.5%	3.191	0.071
≥ 55	207,842	34.8%	206,521	35.9%	-1.093	-0.031
Sex						
Female	390,632	65.4%	373,633	65.0%	0.469	0.010
Male	206,356	34.6%	201,503	35.0%	-0.469	-0.010
Race <sup>3</sup>						
American Indian or Alaska Native	4,135	0.7%	4,323	0.8%	-0.059	-0.007
Asian	13,698	2.3%	11,628	2.0%	0.273	0.019
Black or African American	71,429	12.0%	63,874	11.1%	0.859	0.028
Multi-racial	1,256	0.2%	1,072	0.2%	0.024	0.005
Native Hawaiian or Other Pacific Islander	1,168	0.2%	1,649	0.3%	-0.091	-0.019
Unknown	294,655	49.4%	287,476	50.0%	-0.627	-0.018
White	210,647	35.3%	205,114	35.7%	-0.379	-0.010
Hispanic origin						
Yes	58,335	9.8%	58,982	10.3%	-0.484	-0.017
No	287,391	48.1%	273,187	47.5%	0.641	0.020
Unknown	251,262	42.1%	242,967	42.2%	-0.157	-0.006

**Table 1a. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	29,140	4.9%	29,442	5.1%	-0.238	-0.011
2016	141,985	23.8%	139,633	24.3%	-0.495	-0.012
2017	164,070	27.5%	159,067	27.7%	-0.174	-0.004
2018	156,553	26.2%	149,036	25.9%	0.311	0.007
2019	90,769	22.8%	84,431	22.0%	0.721	0.017
2020	14,471	3.6%	13,527	3.5%	0.098	0.005
2021	0	0.0%	0	0.0%	NaN	NaN
2022	0	0.0%	0	0.0%	NaN	NaN
Pre-boxed warning	596,988	100.0%	575,135	100.0%	0.000	NaN
Post-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Seasonality						
Winter	138,403	23.2%	134,611	23.4%	-0.222	-0.005
Spring	158,757	26.6%	148,775	25.9%	0.725	0.016
Summer	132,485	22.2%	127,663	22.2%	-0.005	-0.000
Autumn	167,343	28.0%	164,086	28.5%	-0.499	-0.011
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.5	1.4	1.5	1.4	0.001	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	296,860	49.7%	283,128	49.2%	0.498	0.010
Psychiatric Drug Dispensings <sup>5</sup>	216,723	36.3%	206,061	35.8%	0.474	0.010
Self Harm Encounter <sup>5</sup>	1,238	0.2%	1,177	0.2%	0.003	0.001
Encounter for Other Psychiatric Event <sup>5</sup>	244,512	41.0%	232,824	40.5%	0.476	0.010
Asthma Severity						

**Table 1a. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	64,321	10.8%	61,706	10.7%	0.045	0.001
Asthma Inpatient Encounter	2,005	0.3%	1,987	0.3%	-0.010	-0.002
Asthma Outpatient Encounter	570,651	95.6%	551,518	95.9%	-0.305	-0.015
Oral Corticosteroid Dispensing	168,285	28.2%	159,917	27.8%	0.384	0.009
Use of Other Asthma Medication	379,046	63.5%	376,392	65.4%	-1.951	-0.042
Allergic Rhinitis	255,176	42.7%	231,464	40.2%	2.499	0.051
Anxiety	100,202	16.8%	95,059	16.5%	0.256	0.007
Depression	83,179	13.9%	79,329	13.8%	0.140	0.004
Sleep Disorder	83,132	13.9%	77,885	13.5%	0.383	0.011
Substance Abuse	19,274	3.2%	18,971	3.3%	-0.070	-0.004
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,168	0.2%	1,246	0.2%	-0.021	-0.005
Suffocation	*****	0.0%	*****	0.0%	0.001	0.001
Suicide Attempt	649	0.1%	622	0.1%	0.000	0.000
Toxicity	146	0.0%	135	0.0%	0.001	0.001
Other Self Harm	328	0.1%	332	0.1%	-0.003	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	500,034	83.8%	479,127	83.3%	0.453	0.012
One moderate asthma exacerbation	85,299	14.3%	84,732	14.7%	-0.444	-0.013
Two or more moderate asthma exacerbations	11,655	2.0%	11,276	2.0%	-0.008	-0.001
No severe asthma exacerbations	591,636	99.1%	569,767	99.1%	0.037	0.004
One severe asthma exacerbation	5,136	0.9%	5,161	0.9%	-0.037	-0.004
Two or more severe asthma exacerbations	216	0.0%	207	0.0%	0.000	0.000

**Table 1a. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	121,042	20.3%	114,487	19.9%	0.369	0.009
Antipsychotics	27,909	4.7%	27,316	4.7%	-0.075	-0.004
Anxiolytics Hypnotics	104,851	17.6%	99,109	17.2%	0.331	0.009
Lithium Other Mood Stabilizers	32,403	5.4%	31,385	5.5%	-0.029	-0.001
Antidepressants	148,649	24.9%	141,391	24.6%	0.316	0.007
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	10.0	10.9	10.1	10.5		
Mean number of emergency room encounters	0.5	1.2	0.5	1.2	-0.002	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.8	9.9	2.9	10.5	-0.161	-0.016
Mean number of filled prescriptions	15.0	14.4	14.9	14.2	0.065	0.005
Mean number of generics dispensed	7.8	4.9	7.7	5.0	0.105	0.021
Mean number of unique drug classes dispensed	7.3	4.4	7.3	4.4	0.080	0.018
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.3	3.3	2.2	3.3	0.037	0.011

**Table 1a. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1am. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	155,244	100.0%	138,364	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	52.7	15.8	47.2	17.6	5.466	0.327
	Number	Percent	Number	Percent		
10-24	19,994	12.9%	32,116	23.2%	-10.332	-0.271
25-54	55,872	36.0%	47,503	34.3%	1.658	0.035
≥ 55	79,378	51.1%	58,745	42.5%	8.674	0.175
Sex						
Female	106,346	68.5%	89,158	64.4%	4.065	0.086
Male	48,898	31.5%	49,206	35.6%	-4.065	-0.086
Race <sup>2</sup>						
American Indian or Alaska Native	506	0.3%	376	0.3%	0.054	0.010
Asian	2,293	1.5%	1,615	1.2%	0.310	0.027
Black or African American	10,287	6.6%	6,878	5.0%	1.655	0.071
Multi-racial	656	0.4%	783	0.6%	-0.143	-0.020
Native Hawaiian or Other Pacific Islander	180	0.1%	113	0.1%	0.034	0.011
Unknown	83,953	54.1%	84,452	61.0%	-6.958	-0.141
White	57,369	37.0%	44,147	31.9%	5.048	0.106
Hispanic origin						
Yes	3,682	2.4%	3,000	2.2%	0.204	0.014
No	61,979	39.9%	44,911	32.5%	7.465	0.156
Unknown	89,583	57.7%	90,453	65.4%	-7.669	-0.158

**Table 1am. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
<b>Year</b>						
2015	0	0.0%	0	0.0%	NaN	NaN
2016	0	0.0%	0	0.0%	NaN	NaN
2017	0	0.0%	0	0.0%	NaN	NaN
2018	0	0.0%	0	0.0%	NaN	NaN
2019	0	0.0%	0	0.0%	NaN	NaN
2020	63,486	40.9%	56,185	40.6%	0.288	0.006
2021	69,448	44.7%	61,062	44.1%	0.603	0.012
2022	22,310	14.4%	21,117	15.3%	-0.891	-0.025
Pre-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Post-boxed warning	155,244	100.0%	138,364	100.0%	0.000	NaN
<b>Seasonality</b>						
Winter	36,051	23.2%	36,198	26.2%	-2.939	-0.068
Spring	50,828	32.7%	38,194	27.6%	5.137	0.112
Summer	34,275	22.1%	30,337	21.9%	0.153	0.004
Autumn	34,090	22.0%	33,635	24.3%	-2.350	-0.056
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.7	1.7	1.7	1.6	0.052	0.032
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	88,619	57.1%	74,239	53.7%	3.429	0.069
Psychiatric Drug Dispensings <sup>4</sup>	64,321	41.4%	53,379	38.6%	2.854	0.058
Self Harm Encounter <sup>4</sup>	170	0.1%	220	0.2%	-0.049	-0.014
Encounter for Other Psychiatric Event <sup>4</sup>	75,768	48.8%	63,824	46.1%	2.678	0.054
<b>Asthma Severity</b>						
Asthma Emergency Encounter	12,180	7.8%	11,591	8.4%	-0.531	-0.019



**Table 1am. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	246	0.2%	198	0.1%	0.015	0.004
Asthma Outpatient Encounter	149,999	96.6%	134,429	97.2%	-0.535	-0.031
Oral Corticosteroid Dispensing	40,489	26.1%	33,177	24.0%	2.103	0.049
Use of Other Asthma Medication	86,393	55.6%	96,630	69.8%	-14.188	-0.297
Allergic Rhinitis	69,160	44.5%	36,044	26.1%	18.499	0.395
Anxiety	36,435	23.5%	31,164	22.5%	0.946	0.022
Depression	27,252	17.6%	23,059	16.7%	0.889	0.024
Sleep Disorder	32,354	20.8%	23,373	16.9%	3.948	0.101
Substance Abuse	5,194	3.3%	5,166	3.7%	-0.388	-0.021
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	158	0.1%	187	0.1%	-0.033	-0.010
Suffocation	*****	0.0%	*****	0.0%	0.002	0.003
Suicide Attempt	91	0.1%	119	0.1%	-0.027	-0.010
Toxicity	20	0.0%	20	0.0%	-0.002	-0.001
Other Self Harm	64	0.0%	87	0.1%	-0.022	-0.009
Asthma Exacerbations						
No moderate asthma exacerbations	136,086	87.7%	122,087	88.2%	-0.577	-0.018
One moderate asthma exacerbation	16,946	10.9%	14,602	10.6%	0.362	0.012
Two or more moderate asthma exacerbations	2,212	1.4%	1,675	1.2%	0.214	0.019
No severe asthma exacerbations	154,376	99.4%	137,498	99.4%	0.067	0.009
One severe asthma exacerbation	835	0.5%	840	0.6%	-0.069	-0.009
Two or more severe asthma exacerbations	33	0.0%	26	0.0%	0.002	0.002

**Table 1am. Aggregated Unadjusted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	28,003	18.0%	20,561	14.9%	3.178	0.086
Antipsychotics	6,767	4.4%	7,193	5.2%	-0.840	-0.039
Anxiolytics Hypnotics	30,282	19.5%	23,285	16.8%	2.677	0.069
Lithium Other Mood Stabilizers	8,205	5.3%	7,875	5.7%	-0.406	-0.018
Antidepressants	47,900	30.9%	39,584	28.6%	2.246	0.049
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.6	11.1	10.0	10.9	0.616	0.056
Mean number of emergency room encounters	0.3	1.0	0.3	1.1	-0.020	-0.019
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	0.001	0.004
Mean number of other ambulatory encounters	2.5	5.7	2.5	6.4	-0.017	-0.003
Mean number of filled prescriptions	15.0	13.4	14.1	13.6	0.882	0.065
Mean number of generics dispensed	7.9	4.8	7.1	4.5	0.801	0.172
Mean number of unique drug classes dispensed	7.5	4.4	6.8	4.1	0.673	0.158
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.3	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.013	-0.032
Mean number of outpatient visits for respiratory disorders	2.2	3.3	1.9	3.1	0.335	0.104

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1an. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	155,205	N/A	149,925	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	52.7	15.8	52.5	17.1	0.118	0.007
	Number	Percent	Number	Percent		
10-24	19,992	12.9%	23,728	15.8%	-2.946	-0.089
25-54	55,857	36.0%	46,865	31.3%	4.730	0.109
≥ 55	79,356	51.1%	79,332	52.9%	-1.784	-0.044
Sex						
Female	106,312	68.5%	102,116	68.1%	0.386	0.008
Male	48,893	31.5%	47,809	31.9%	-0.386	-0.008
Race <sup>3</sup>						
American Indian or Alaska Native	506	0.3%	408	0.3%	0.054	0.010
Asian	2,292	1.5%	1,813	1.2%	0.267	0.023
Black or African American	10,282	6.6%	8,165	5.4%	1.179	0.051
Multi-racial	656	0.4%	680	0.5%	-0.031	-0.005
Native Hawaiian or Other Pacific Islander	180	0.1%	145	0.1%	0.020	0.006
Unknown	83,924	54.1%	81,231	54.2%	-0.108	-0.004
White	57,365	37.0%	57,483	38.3%	-1.380	-0.042
Hispanic origin						
Yes	3,680	2.4%	3,192	2.1%	0.242	0.016
No	61,969	39.9%	59,454	39.7%	0.271	0.013
Unknown	89,556	57.7%	87,279	58.2%	-0.513	-0.027

**Table 1an. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	0	0.0%	0	0.0%	NaN	NaN
2016	0	0.0%	0	0.0%	NaN	NaN
2017	0	0.0%	0	0.0%	NaN	NaN
2018	0	0.0%	0	0.0%	NaN	NaN
2019	0	0.0%	0	0.0%	NaN	NaN
2020	63,467	40.9%	61,589	41.1%	-0.188	-0.004
2021	69,431	44.7%	66,933	44.6%	0.091	0.002
2022	22,307	14.4%	21,403	14.3%	0.097	0.003
Pre-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Post-boxed warning	155,205	100.0%	149,925	100.0%	0.000	NaN
Seasonality						
Winter	36,048	23.2%	35,425	23.6%	-0.402	-0.010
Spring	50,803	32.7%	47,792	31.9%	0.855	0.018
Summer	34,268	22.1%	33,279	22.2%	-0.118	-0.003
Autumn	34,086	22.0%	33,429	22.3%	-0.335	-0.008
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.7	1.7	1.7	1.7	-0.003	-0.002
	Number	Percent	Number	Percent		
Psychiatric History	88,585	57.1%	84,848	56.6%	0.483	0.010
Psychiatric Drug Dispensings <sup>5</sup>	64,293	41.4%	61,581	41.1%	0.350	0.007
Self Harm Encounter <sup>5</sup>	170	0.1%	172	0.1%	-0.005	-0.002
Encounter for Other Psychiatric Event <sup>5</sup>	75,737	48.8%	72,207	48.2%	0.636	0.013
Asthma Severity						

**Table 1a. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	12,174	7.8%	11,577	7.7%	0.122	0.005
Asthma Inpatient Encounter	246	0.2%	237	0.2%	0.000	0.000
Asthma Outpatient Encounter	149,963	96.6%	145,268	96.9%	-0.271	-0.015
Oral Corticosteroid Dispensing	40,466	26.1%	38,543	25.7%	0.364	0.008
Use of Other Asthma Medication	86,384	55.7%	85,781	57.2%	-1.558	-0.032
Allergic Rhinitis	69,124	44.5%	63,056	42.1%	2.479	0.050
Anxiety	36,417	23.5%	34,729	23.2%	0.300	0.007
Depression	27,234	17.5%	26,027	17.4%	0.187	0.005
Sleep Disorder	32,335	20.8%	30,561	20.4%	0.449	0.011
Substance Abuse	5,191	3.3%	4,952	3.3%	0.042	0.002
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	157	0.1%	163	0.1%	-0.008	-0.002
Suffocation	*****	0.0%	*****	0.0%	0.003	0.006
Suicide Attempt	90	0.1%	103	0.1%	-0.011	-0.004
Toxicity	20	0.0%	19	0.0%	0.000	0.000
Other Self Harm	63	0.0%	66	0.0%	-0.004	-0.002
Asthma Exacerbations						
No moderate asthma exacerbations	136,055	87.7%	131,618	87.8%	-0.128	-0.004
One moderate asthma exacerbation	16,938	10.9%	16,338	10.9%	0.016	0.001
Two or more moderate asthma exacerbations	2,212	1.4%	1,969	1.3%	0.112	0.010
No severe asthma exacerbations	154,338	99.4%	149,061	99.4%	0.018	0.002
One severe asthma exacerbation	834	0.5%	836	0.6%	-0.020	-0.003
Two or more severe asthma exacerbations	33	0.0%	28	0.0%	0.002	0.002

**Table 1a. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	27,977	18.0%	26,286	17.5%	0.493	0.013
Antipsychotics	6,762	4.4%	6,705	4.5%	-0.116	-0.006
Anxiolytics Hypnotics	30,265	19.5%	28,879	19.3%	0.238	0.006
Lithium Other Mood Stabilizers	8,200	5.3%	8,044	5.4%	-0.082	-0.004
Antidepressants	47,877	30.8%	45,836	30.6%	0.275	0.006
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	10.6	11.1	10.7	10.6		
Mean number of emergency room encounters	0.3	1.0	0.3	1.0	-0.004	-0.003
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.004
Mean number of other ambulatory encounters	2.5	5.7	2.6	6.1	-0.128	-0.022
Mean number of filled prescriptions	15.0	13.4	15.0	13.2	-0.016	-0.001
Mean number of generics dispensed	7.9	4.8	7.8	4.9	0.074	0.015
Mean number of unique drug classes dispensed	7.5	4.4	7.5	4.4	0.062	0.014
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.005
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.002	-0.004
Mean number of outpatient visits for respiratory disorders	2.2	3.3	2.2	3.2	0.003	0.001

**Table 1an. Aggregated Weighted Characteristics of Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1ao. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	752,176	100.0%	923,166	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	44.7	15.8	37.7	16.6	6.948	0.429
	Number	Percent	Number	Percent		
10-24	207,843	27.6%	375,787	40.7%	-13.074	-0.278
25-54	257,128	34.2%	294,349	31.9%	2.300	0.049
≥ 55	287,205	38.2%	253,030	27.4%	10.774	0.231
Sex						
Female	496,953	66.1%	568,459	61.6%	4.492	0.094
Male	255,223	33.9%	354,707	38.4%	-4.492	-0.094
Race <sup>2</sup>						
American Indian or Alaska Native	4,641	0.6%	7,888	0.9%	-0.237	-0.028
Asian	15,989	2.1%	19,677	2.1%	-0.006	-0.000
Black or African American	81,712	10.9%	116,745	12.6%	-1.783	-0.055
Multi-racial	1,913	0.3%	1,968	0.2%	0.041	0.009
Native Hawaiian or Other Pacific Islander	1,348	0.2%	3,235	0.4%	-0.171	-0.033
Unknown	378,597	50.3%	473,426	51.3%	-0.949	-0.019
White	267,976	35.6%	300,227	32.5%	3.105	0.066
Hispanic origin						
Yes	62,009	8.2%	114,455	12.4%	-4.154	-0.137
No	349,299	46.4%	426,852	46.2%	0.201	0.004
Unknown	340,868	45.3%	381,859	41.4%	3.954	0.080



**Table 1ao. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	29,138	3.9%	46,673	5.1%	-1.182	-0.057
2016	141,977	18.9%	209,938	22.7%	-3.866	-0.095
2017	164,048	21.8%	238,254	25.8%	-3.999	-0.094
2018	156,541	20.8%	202,343	21.9%	-1.107	-0.027
2019	90,770	16.4%	74,733	14.2%	2.220	0.062
2020	77,953	14.1%	69,052	13.1%	0.984	0.029
2021	69,437	12.5%	61,055	11.6%	0.962	0.030
2022	22,312	4.0%	21,118	4.0%	0.025	0.001
Pre-boxed warning	596,943	79.4%	784,816	85.0%	-5.651	-0.148
Post-boxed warning	155,233	20.6%	138,350	15.0%	5.651	0.148
Seasonality						
Winter	174,438	23.2%	232,612	25.2%	-2.006	-0.047
Spring	209,573	27.9%	206,603	22.4%	5.482	0.127
Summer	166,759	22.2%	199,002	21.6%	0.614	0.015
Autumn	201,406	26.8%	284,949	30.9%	-4.090	-0.090
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.6	1.5	1.5	1.3	0.076	0.054
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,451	51.2%	438,873	47.5%	3.705	0.074
Psychiatric Drug Dispensings <sup>4</sup>	281,038	37.4%	312,069	33.8%	3.559	0.074
Self Harm Encounter <sup>4</sup>	1,395	0.2%	2,452	0.3%	-0.080	-0.017
Encounter for Other Psychiatric Event <sup>4</sup>	320,249	42.6%	369,418	40.0%	2.560	0.052
Asthma Severity						
Asthma Emergency Encounter	76,491	10.2%	110,452	12.0%	-1.795	-0.057

**Table 1ao. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	2,253	0.3%	2,904	0.3%	-0.015	-0.003
Asthma Outpatient Encounter	720,597	95.8%	888,109	96.2%	-0.401	-0.020
Oral Corticosteroid Dispensing	208,787	27.8%	233,770	25.3%	2.435	0.055
Use of Other Asthma Medication	465,399	61.9%	723,304	78.4%	-16.477	-0.366
Allergic Rhinitis	324,354	43.1%	214,386	23.2%	19.899	0.432
Anxiety	136,624	18.2%	150,428	16.3%	1.869	0.050
Depression	110,416	14.7%	126,074	13.7%	1.023	0.029
Sleep Disorder	115,494	15.4%	101,015	10.9%	4.412	0.131
Substance Abuse	24,457	3.3%	39,313	4.3%	-1.007	-0.053
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,319	0.2%	2,469	0.3%	-0.092	-0.020
Suffocation	30	0.0%	46	0.0%	-0.001	-0.001
Suicide Attempt	733	0.1%	1,248	0.1%	-0.038	-0.011
Toxicity	156	0.0%	275	0.0%	-0.009	-0.006
Other Self Harm	386	0.1%	628	0.1%	-0.017	-0.007
Asthma Exacerbations						
No moderate asthma exacerbations	636,061	84.6%	779,095	84.4%	0.169	0.005
One moderate asthma exacerbation	102,243	13.6%	128,091	13.9%	-0.282	-0.008
Two or more moderate asthma exacerbations	13,872	1.8%	15,980	1.7%	0.113	0.009
No severe asthma exacerbations	745,952	99.2%	914,186	99.0%	0.145	0.015
One severe asthma exacerbation	5,975	0.8%	8,734	0.9%	-0.152	-0.016
Two or more severe asthma exacerbations	249	0.0%	246	0.0%	0.006	0.004

**Table 1ao. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	149,058	19.8%	157,887	17.1%	2.714	0.070
Antipsychotics	34,660	4.6%	52,324	5.7%	-1.060	-0.048
Anxiolytics Hypnotics	135,141	18.0%	136,911	14.8%	3.136	0.085
Lithium Other Mood Stabilizers	40,595	5.4%	51,572	5.6%	-0.189	-0.008
Antidepressants	196,543	26.1%	213,369	23.1%	3.017	0.070
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.2	11.0	9.4	11.2	0.781	0.071
Mean number of emergency room encounters	0.4	1.2	0.5	1.3	-0.076	-0.061
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of other ambulatory encounters	2.7	9.2	3.3	12.0	-0.611	-0.057
Mean number of filled prescriptions	15.0	14.2	14.0	14.5	0.997	0.069
Mean number of generics dispensed	7.8	4.9	7.0	4.6	0.803	0.169
Mean number of unique drug classes dispensed	7.4	4.4	6.7	4.2	0.655	0.153
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.000	-0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.012	-0.028
Mean number of outpatient visits for respiratory disorders	2.3	3.3	1.7	2.8	0.545	0.178

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1ap. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1,2</sup>	Number	Percent	Number	Percent		
Weighted patients	752,128	N/A	724,746	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	44.7	15.8	44.5	16.9	0.183	0.011
	Number	Percent	Number	Percent		
10-24	207,843	27.6%	216,761	29.9%	-2.275	-0.059
25-54	257,110	34.2%	222,489	30.7%	3.485	0.078
≥ 55	287,175	38.2%	285,496	39.4%	-1.211	-0.033
Sex						
Female	496,909	66.1%	475,508	65.6%	0.457	0.010
Male	255,219	33.9%	249,238	34.4%	-0.457	-0.010
Race <sup>3</sup>						
American Indian or Alaska Native	4,641	0.6%	4,732	0.7%	-0.036	-0.005
Asian	15,988	2.1%	13,438	1.9%	0.272	0.020
Black or African American	81,707	10.9%	72,035	9.9%	0.924	0.032
Multi-racial	1,912	0.3%	1,757	0.2%	0.012	0.002
Native Hawaiian or Other Pacific Islander	1,348	0.2%	1,794	0.2%	-0.068	-0.015
Unknown	378,574	50.3%	368,705	50.9%	-0.540	-0.016
White	267,958	35.6%	262,285	36.2%	-0.563	-0.015
Hispanic origin						
Yes	62,009	8.2%	62,170	8.6%	-0.334	-0.013
No	349,293	46.4%	332,335	45.9%	0.585	0.019
Unknown	340,826	45.3%	330,241	45.6%	-0.252	-0.010

**Table 1ap. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	29,137	3.9%	29,516	4.1%	-0.199	-0.010
2016	141,971	18.9%	139,840	19.3%	-0.419	-0.011
2017	164,045	21.8%	159,291	22.0%	-0.168	-0.004
2018	156,535	20.8%	149,297	20.6%	0.212	0.005
2019	90,758	16.4%	84,734	15.9%	0.478	0.013
2020	77,940	14.1%	74,562	14.0%	0.073	0.002
2021	69,434	12.5%	66,271	12.4%	0.094	0.003
2022	22,308	4.0%	21,236	4.0%	0.041	0.002
Pre-boxed warning	596,913	79.4%	576,249	79.5%	-0.147	-0.004
Post-boxed warning	155,215	20.6%	148,497	20.5%	0.147	0.004
Seasonality						
Winter	174,435	23.2%	169,950	23.4%	-0.257	-0.006
Spring	209,546	27.9%	196,486	27.1%	0.749	0.017
Summer	166,744	22.2%	160,864	22.2%	-0.026	-0.001
Autumn	201,403	26.8%	197,446	27.2%	-0.466	-0.011
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.6	1.5	1.6	1.4	0.000	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,407	51.2%	367,736	50.7%	0.502	0.010
Psychiatric Drug Dispensings <sup>5</sup>	280,998	37.4%	267,475	36.9%	0.454	0.010
Self Harm Encounter <sup>5</sup>	1,395	0.2%	1,335	0.2%	0.001	0.000
Encounter for Other Psychiatric Event <sup>5</sup>	320,209	42.6%	304,789	42.1%	0.519	0.011
Asthma Severity						
Asthma Emergency Encounter	76,474	10.2%	73,283	10.1%	0.056	0.002

**Table 1ap. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	2,251	0.3%	2,232	0.3%	-0.009	-0.002
Asthma Outpatient Encounter	720,562	95.8%	696,471	96.1%	-0.296	-0.015
Oral Corticosteroid Dispensing	208,755	27.8%	198,470	27.4%	0.370	0.008
Use of Other Asthma Medication	465,392	61.9%	462,152	63.8%	-1.891	-0.041
Allergic Rhinitis	324,308	43.1%	294,326	40.6%	2.508	0.051
Anxiety	136,600	18.2%	129,663	17.9%	0.271	0.007
Depression	110,396	14.7%	105,243	14.5%	0.156	0.004
Sleep Disorder	115,470	15.4%	108,304	14.9%	0.409	0.012
Substance Abuse	24,452	3.3%	23,883	3.3%	-0.044	-0.002
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,318	0.2%	1,401	0.2%	-0.018	-0.004
Suffocation	30	0.0%	21	0.0%	0.001	0.002
Suicide Attempt	732	0.1%	720	0.1%	-0.002	-0.001
Toxicity	156	0.0%	153	0.0%	-0.000	-0.000
Other Self Harm	386	0.1%	393	0.1%	-0.003	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	636,027	84.6%	610,492	84.2%	0.328	0.009
One moderate asthma exacerbation	102,234	13.6%	101,019	13.9%	-0.346	-0.010
Two or more moderate asthma exacerbations	13,867	1.8%	13,235	1.8%	0.018	0.001
No severe asthma exacerbations	745,908	99.2%	718,500	99.1%	0.035	0.004
One severe asthma exacerbation	5,971	0.8%	6,006	0.8%	-0.035	-0.004
Two or more severe asthma exacerbations	249	0.0%	240	0.0%	0.000	0.000

**Table 1ap. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	149,025	19.8%	140,818	19.4%	0.384	0.010
Antipsychotics	34,654	4.6%	33,976	4.7%	-0.081	-0.004
Anxiolytics Hypnotics	135,110	18.0%	127,935	17.7%	0.311	0.008
Lithium Other Mood Stabilizers	40,585	5.4%	39,405	5.4%	-0.041	-0.002
Antidepressants	196,515	26.1%	187,094	25.8%	0.313	0.007
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.2	11.0	10.2	10.5	-0.029	-0.003
Mean number of emergency room encounters	0.4	1.2	0.4	1.2	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.7	9.2	2.8	9.7	-0.154	-0.016
Mean number of filled prescriptions	15.0	14.2	14.9	14.1	0.048	0.003
Mean number of generics dispensed	7.8	4.9	7.7	4.9	0.098	0.020
Mean number of unique drug classes dispensed	7.4	4.4	7.3	4.4	0.076	0.017
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.3	3.3	2.2	3.3	0.029	0.009

**Table 1ap. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Medical Product		Covariate Balance
Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.



**Table 1a. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	496,909	100.0%	568,448	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	47.9	15.5	41.4	16.4	6.564	0.412
	Number	Percent	Number	Percent		
10-24	103,196	20.8%	183,882	32.3%	-11.580	-0.264
25-54	181,338	36.5%	203,653	35.8%	0.667	0.014
≥ 55	212,375	42.7%	180,913	31.8%	10.913	0.227
Sex						
Female	496,909	100.0%	568,448	100.0%	0.000	NaN
Male	0	0.0%	0	0.0%	NaN	NaN
Race <sup>2</sup>						
American Indian or Alaska Native	3,088	0.6%	5,016	0.9%	-0.261	-0.030
Asian	10,096	2.0%	11,303	2.0%	0.043	0.003
Black or African American	55,779	11.2%	73,258	12.9%	-1.662	-0.051
Multi-racial	1,273	0.3%	1,215	0.2%	0.042	0.009
Native Hawaiian or Other Pacific Islander	849	0.2%	1,892	0.3%	-0.162	-0.032
Unknown	235,654	47.4%	273,868	48.2%	-0.754	-0.015
White	190,170	38.3%	201,896	35.5%	2.754	0.057
Hispanic origin						
Yes	36,805	7.4%	64,752	11.4%	-3.984	-0.137
No	244,588	49.2%	279,856	49.2%	-0.010	-0.000
Unknown	215,516	43.4%	223,840	39.4%	3.994	0.081

**Table 1a. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	18,923	3.8%	28,502	5.0%	-1.206	-0.059
2016	92,738	18.7%	128,025	22.5%	-3.859	-0.096
2017	105,436	21.2%	144,247	25.4%	-4.157	-0.098
2018	101,421	20.4%	122,789	21.6%	-1.190	-0.029
2019	62,176	16.4%	47,613	14.0%	2.334	0.065
2020	53,770	14.2%	45,006	13.3%	0.889	0.026
2021	47,651	12.5%	38,983	11.5%	1.054	0.032
2022	14,794	3.9%	13,283	3.9%	-0.021	-0.001
Pre-boxed warning	390,581	78.6%	479,301	84.3%	-5.715	-0.147
Post-boxed warning	106,328	21.4%	89,147	15.7%	5.715	0.147
Seasonality						
Winter	115,679	23.3%	143,890	25.3%	-2.033	-0.047
Spring	138,875	27.9%	127,222	22.4%	5.567	0.129
Summer	109,769	22.1%	122,339	21.5%	0.569	0.014
Autumn	132,586	26.7%	174,997	30.8%	-4.103	-0.091
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.6	1.5	1.6	1.4	0.069	0.047
	Number	Percent	Number	Percent		
Psychiatric History	276,966	55.7%	294,761	51.9%	3.884	0.078
Psychiatric Drug Dispensings <sup>4</sup>	212,530	42.8%	220,615	38.8%	3.960	0.081
Self Harm Encounter <sup>4</sup>	1,054	0.2%	1,863	0.3%	-0.116	-0.022
Encounter for Other Psychiatric Event <sup>4</sup>	226,242	45.5%	243,306	42.8%	2.728	0.055
Asthma Severity						
Asthma Emergency Encounter	53,928	10.9%	71,966	12.7%	-1.807	-0.056

**Table 1a. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	1,704	0.3%	1,861	0.3%	0.016	0.003
Asthma Outpatient Encounter	474,416	95.5%	544,889	95.9%	-0.382	-0.019
Oral Corticosteroid Dispensing	147,866	29.8%	153,374	27.0%	2.776	0.062
Use of Other Asthma Medication	299,231	60.2%	437,633	77.0%	-16.769	-0.367
Allergic Rhinitis	213,679	43.0%	128,456	22.6%	20.404	0.445
Anxiety	108,121	21.8%	113,576	20.0%	1.779	0.044
Depression	88,964	17.9%	96,828	17.0%	0.870	0.023
Sleep Disorder	80,271	16.2%	66,986	11.8%	4.370	0.126
Substance Abuse	15,997	3.2%	24,045	4.2%	-1.011	-0.053
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,042	0.2%	1,916	0.3%	-0.127	-0.024
Suffocation	13	0.0%	27	0.0%	-0.002	-0.004
Suicide Attempt	550	0.1%	902	0.2%	-0.048	-0.013
Toxicity	113	0.0%	201	0.0%	-0.013	-0.007
Other Self Harm	293	0.1%	467	0.1%	-0.023	-0.009
Asthma Exacerbations						
No moderate asthma exacerbations	415,587	83.6%	476,028	83.7%	-0.107	-0.003
One moderate asthma exacerbation	71,213	14.3%	81,819	14.4%	-0.062	-0.002
Two or more moderate asthma exacerbations	10,109	2.0%	10,601	1.9%	0.169	0.012
No severe asthma exacerbations	492,268	99.1%	562,553	99.0%	0.103	0.010
One severe asthma exacerbation	4,455	0.9%	5,733	1.0%	-0.112	-0.012
Two or more severe asthma exacerbations	186	0.0%	162	0.0%	0.009	0.005

**Table 1aq. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	114,288	23.0%	117,228	20.6%	2.377	0.058
Antipsychotics	24,862	5.0%	35,203	6.2%	-1.189	-0.052
Anxiolytics Hypnotics	106,337	21.4%	103,880	18.3%	3.125	0.078
Lithium Other Mood Stabilizers	30,764	6.2%	36,907	6.5%	-0.302	-0.012
Antidepressants	158,470	31.9%	164,651	29.0%	2.926	0.064
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	11.1	11.1	10.4	11.4	0.723	0.064
Mean number of emergency room encounters	0.5	1.3	0.6	1.4	-0.096	-0.072
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.002	-0.004
Mean number of other ambulatory encounters	2.8	8.8	3.4	11.5	-0.596	-0.058
Mean number of filled prescriptions	16.6	15.1	15.8	15.6	0.865	0.056
Mean number of generics dispensed	8.5	5.1	7.8	4.9	0.758	0.151
Mean number of unique drug classes dispensed	8.1	4.6	7.4	4.5	0.609	0.134
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	0.000	0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.5	-0.015	-0.035
Mean number of outpatient visits for respiratory disorders	2.4	3.3	1.8	2.8	0.558	0.181

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1ar. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	496,850	N/A	478,373	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	47.9	15.5	47.8	16.4	0.149	0.009
	Number	Percent	Number	Percent		
10-24	103,195	20.8%	109,532	22.9%	-2.127	-0.058
25-54	181,321	36.5%	159,241	33.3%	3.206	0.071
≥ 55	212,334	42.7%	209,600	43.8%	-1.079	-0.029
Sex						
Female	496,850	100.0%	478,373	100.0%	0.000	NaN
Male	0	0.0%	0	0.0%	NaN	NaN
Race <sup>3</sup>						
American Indian or Alaska Native	3,088	0.6%	3,212	0.7%	-0.050	-0.006
Asian	10,094	2.0%	8,223	1.7%	0.313	0.023
Black or African American	55,769	11.2%	49,208	10.3%	0.938	0.031
Multi-racial	1,273	0.3%	1,178	0.2%	0.010	0.002
Native Hawaiian or Other Pacific Islander	849	0.2%	1,079	0.2%	-0.055	-0.012
Unknown	235,634	47.4%	229,020	47.9%	-0.449	-0.014
White	190,143	38.3%	186,453	39.0%	-0.707	-0.019
Hispanic origin						
Yes	36,801	7.4%	36,700	7.7%	-0.265	-0.011
No	244,553	49.2%	232,998	48.7%	0.514	0.017
Unknown	215,496	43.4%	208,675	43.6%	-0.249	-0.011

**Table 1ar. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	18,922	3.8%	19,235	4.0%	-0.213	-0.011
2016	92,734	18.7%	91,417	19.1%	-0.445	-0.011
2017	105,428	21.2%	102,303	21.4%	-0.166	-0.004
2018	101,405	20.4%	96,540	20.2%	0.229	0.006
2019	62,158	16.4%	57,854	15.9%	0.515	0.014
2020	53,762	14.2%	51,466	14.1%	0.055	0.002
2021	47,647	12.5%	45,435	12.4%	0.097	0.003
2022	14,794	3.9%	14,123	3.9%	0.026	0.001
Pre-boxed warning	390,533	78.6%	376,612	78.7%	-0.126	-0.003
Post-boxed warning	106,317	21.4%	101,762	21.3%	0.126	0.003
Seasonality						
Winter	115,673	23.3%	112,577	23.5%	-0.252	-0.006
Spring	138,846	27.9%	130,011	27.2%	0.768	0.017
Summer	109,754	22.1%	105,836	22.1%	-0.034	-0.001
Autumn	132,577	26.7%	129,950	27.2%	-0.481	-0.011
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.6	1.5	1.6	1.5	0.001	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	276,912	55.7%	264,430	55.3%	0.457	0.009
Psychiatric Drug Dispensings <sup>5</sup>	212,481	42.8%	202,408	42.3%	0.454	0.009
Self Harm Encounter <sup>5</sup>	1,054	0.2%	1,052	0.2%	-0.008	-0.002
Encounter for Other Psychiatric Event <sup>5</sup>	226,194	45.5%	215,566	45.1%	0.463	0.009
Asthma Severity						
Asthma Emergency Encounter	53,915	10.9%	51,561	10.8%	0.073	0.002

**Table 1ar. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	1,704	0.3%	1,674	0.4%	-0.007	-0.001
Asthma Outpatient Encounter	474,373	95.5%	458,307	95.8%	-0.329	-0.016
Oral Corticosteroid Dispensing	147,832	29.8%	140,639	29.4%	0.354	0.008
Use of Other Asthma Medication	299,223	60.2%	297,384	62.2%	-1.942	-0.041
Allergic Rhinitis	213,627	43.0%	193,669	40.5%	2.511	0.051
Anxiety	108,089	21.8%	102,718	21.5%	0.283	0.007
Depression	88,940	17.9%	84,908	17.7%	0.151	0.004
Sleep Disorder	80,251	16.2%	75,345	15.8%	0.402	0.011
Substance Abuse	15,991	3.2%	15,524	3.2%	-0.027	-0.002
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,041	0.2%	1,114	0.2%	-0.023	-0.005
Suffocation	13	0.0%	12	0.0%	0.000	0.000
Suicide Attempt	550	0.1%	538	0.1%	-0.002	-0.001
Toxicity	112	0.0%	114	0.0%	-0.001	-0.001
Other Self Harm	293	0.1%	292	0.1%	-0.002	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	415,543	83.6%	398,478	83.3%	0.337	0.009
One moderate asthma exacerbation	71,200	14.3%	70,320	14.7%	-0.369	-0.010
Two or more moderate asthma exacerbations	10,107	2.0%	9,575	2.0%	0.033	0.002
No severe asthma exacerbations	492,212	99.1%	473,727	99.0%	0.038	0.004
One severe asthma exacerbation	4,453	0.9%	4,469	0.9%	-0.038	-0.004
Two or more severe asthma exacerbations	185	0.0%	176	0.0%	0.000	0.000

**Table 1ar. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	114,254	23.0%	107,984	22.6%	0.423	0.010
Antipsychotics	24,858	5.0%	24,344	5.1%	-0.086	-0.004
Anxiolytics Hypnotics	106,299	21.4%	100,874	21.1%	0.308	0.008
Lithium Other Mood Stabilizers	30,755	6.2%	29,838	6.2%	-0.047	-0.002
Antidepressants	158,438	31.9%	151,090	31.6%	0.304	0.007
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	11.1	11.1	11.1	10.7		
Mean number of emergency room encounters	0.5	1.2	0.5	1.2	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.8	8.8	2.9	9.3	-0.151	-0.017
Mean number of filled prescriptions	16.6	15.1	16.6	15.0	0.042	0.003
Mean number of generics dispensed	8.5	5.1	8.4	5.2	0.097	0.019
Mean number of unique drug classes dispensed	8.1	4.6	8.0	4.6	0.074	0.016
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.4	3.3	2.3	3.3	0.025	0.008



**Table 1ar. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Medical Product		Covariate Balance
Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

**Table 1as. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	255,219	100.0%	354,697	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	38.3	15.9	31.9	16.2	6.433	0.402
	Number	Percent	Number	Percent		
10-24	104,647	41.0%	191,902	54.1%	-13.100	-0.265
25-54	75,772	29.7%	90,688	25.6%	4.121	0.092
≥ 55	74,800	29.3%	72,107	20.3%	8.979	0.209
Sex						
Female	0	0.0%	0	0.0%	NaN	NaN
Male	255,219	100.0%	354,697	100.0%	0.000	NaN
Race <sup>2</sup>						
American Indian or Alaska Native	1,553	0.6%	2,872	0.8%	-0.201	-0.024
Asian	5,892	2.3%	8,374	2.4%	-0.052	-0.003
Black or African American	25,928	10.2%	43,487	12.3%	-2.101	-0.067
Multi-racial	639	0.3%	753	0.2%	0.038	0.008
Native Hawaiian or Other Pacific Islander	499	0.2%	1,343	0.4%	-0.183	-0.034
Unknown	142,920	56.0%	199,543	56.3%	-0.258	-0.005
White	77,788	30.5%	98,325	27.7%	2.758	0.061
Hispanic origin						
Yes	25,204	9.9%	49,702	14.0%	-4.137	-0.128
No	104,705	41.0%	146,991	41.4%	-0.416	-0.008
Unknown	125,310	49.1%	158,004	44.5%	4.553	0.091

**Table 1as. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	10,214	4.0%	18,170	5.1%	-1.121	-0.054
2016	49,233	19.3%	81,910	23.1%	-3.802	-0.093
2017	58,609	23.0%	94,000	26.5%	-3.537	-0.082
2018	55,114	21.6%	79,552	22.4%	-0.833	-0.020
2019	28,582	16.4%	27,116	14.4%	2.017	0.056
2020	24,170	13.9%	24,045	12.8%	1.115	0.033
2021	21,783	12.5%	22,070	11.7%	0.793	0.024
2022	7,514	4.3%	7,834	4.2%	0.156	0.008
Pre-boxed warning	206,332	80.8%	305,498	86.1%	-5.284	-0.143
Post-boxed warning	48,887	19.2%	49,199	13.9%	5.284	0.143
Seasonality						
Winter	58,756	23.0%	88,715	25.0%	-1.990	-0.047
Spring	70,671	27.7%	79,377	22.4%	5.312	0.123
Summer	56,975	22.3%	76,659	21.6%	0.711	0.017
Autumn	68,817	27.0%	109,946	31.0%	-4.033	-0.089
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.4	1.3	1.4	1.2	0.063	0.050
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	108,441	42.5%	144,096	40.6%	1.864	0.038
Psychiatric Drug Dispensings <sup>4</sup>	68,468	26.8%	91,440	25.8%	1.047	0.024
Self Harm Encounter <sup>4</sup>	341	0.1%	589	0.2%	-0.032	-0.008
Encounter for Other Psychiatric Event <sup>4</sup>	93,967	36.8%	126,097	35.6%	1.268	0.026
Asthma Severity						

**Table 1as. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	22,546	8.8%	38,482	10.8%	-2.015	-0.068
Asthma Inpatient Encounter	547	0.2%	1,043	0.3%	-0.080	-0.016
Asthma Outpatient Encounter	246,146	96.4%	343,200	96.8%	-0.314	-0.017
Oral Corticosteroid Dispensing	60,889	23.9%	80,389	22.7%	1.193	0.028
Use of Other Asthma Medication	166,161	65.1%	285,657	80.5%	-15.430	-0.352
Allergic Rhinitis	110,629	43.3%	85,926	24.2%	19.122	0.413
Anxiety	28,479	11.2%	36,847	10.4%	0.770	0.025
Depression	21,432	8.4%	29,237	8.2%	0.155	0.006
Sleep Disorder	35,199	13.8%	34,024	9.6%	4.199	0.131
Substance Abuse	8,455	3.3%	15,263	4.3%	-0.990	-0.052
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	276	0.1%	553	0.2%	-0.048	-0.013
Suffocation	17	0.0%	19	0.0%	0.001	0.002
Suicide Attempt	182	0.1%	346	0.1%	-0.026	-0.009
Toxicity	43	0.0%	74	0.0%	-0.004	-0.003
Other Self Harm	93	0.0%	161	0.0%	-0.009	-0.004
Asthma Exacerbations						
No moderate asthma exacerbations	220,440	86.4%	303,050	85.4%	0.934	0.027
One moderate asthma exacerbation	31,021	12.2%	46,272	13.0%	-0.891	-0.027
Two or more moderate asthma exacerbations	3,758	1.5%	5,375	1.5%	-0.043	-0.004
No severe asthma exacerbations	253,640	99.4%	351,612	99.1%	0.251	0.029
One severe asthma exacerbation	1,516	0.6%	3,001	0.8%	-0.252	-0.030
Two or more severe asthma exacerbations	63	0.0%	84	0.0%	0.001	0.001

**Table 1as. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	34,737	13.6%	40,651	11.5%	2.150	0.065
Antipsychotics	9,792	3.8%	17,116	4.8%	-0.989	-0.049
Anxiolytics Hypnotics	28,773	11.3%	33,023	9.3%	1.964	0.065
Lithium Other Mood Stabilizers	9,821	3.8%	14,659	4.1%	-0.285	-0.015
Antidepressants	38,045	14.9%	48,706	13.7%	1.175	0.034
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	8.4	10.5	7.8	10.7	0.563	0.053
Mean number of emergency room encounters	0.4	1.0	0.4	1.2	-0.059	-0.053
Mean number of inpatient hospital encounters	0.1	0.3	0.1	0.4	-0.001	-0.003
Mean number of other ambulatory encounters	2.5	9.8	3.2	12.9	-0.672	-0.059
Mean number of filled prescriptions	11.7	11.9	11.1	12.1	0.633	0.053
Mean number of generics dispensed	6.4	4.1	5.7	3.8	0.619	0.157
Mean number of unique drug classes dispensed	6.1	3.7	5.6	3.5	0.492	0.138
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.010	-0.025
Mean number of outpatient visits for respiratory disorders	2.1	3.2	1.6	2.8	0.494	0.164

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1at. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	255,153	N/A	246,665	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	38.3	15.9	38.1	17.0	0.171	0.010
	Number	Percent	Number	Percent		
10-24	104,644	41.0%	106,788	43.3%	-2.280	-0.057
25-54	75,759	29.7%	63,999	25.9%	3.746	0.087
≥ 55	74,750	29.3%	75,879	30.8%	-1.466	-0.043
Sex						
Female	0	0.0%	0	0.0%	NaN	NaN
Male	255,153	100.0%	246,665	100.0%	0.000	NaN
Race <sup>3</sup>						
American Indian or Alaska Native	1,553	0.6%	1,524	0.6%	-0.009	-0.001
Asian	5,889	2.3%	5,195	2.1%	0.202	0.014
Black or African American	25,924	10.2%	22,819	9.3%	0.909	0.032
Multi-racial	639	0.3%	587	0.2%	0.013	0.003
Native Hawaiian or Other Pacific Islander	499	0.2%	720	0.3%	-0.096	-0.020
Unknown	142,885	56.0%	140,020	56.8%	-0.766	-0.022
White	77,764	30.5%	75,800	30.7%	-0.253	-0.007
Hispanic origin						
Yes	25,197	9.9%	25,562	10.4%	-0.488	-0.018
No	104,678	41.0%	99,250	40.2%	0.789	0.024
Unknown	125,278	49.1%	121,854	49.4%	-0.301	-0.012

**Table 1at. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
<b>Year</b>						
2015	10,212	4.0%	10,298	4.2%	-0.172	-0.009
2016	49,228	19.3%	48,522	19.7%	-0.378	-0.010
2017	58,601	23.0%	56,995	23.1%	-0.139	-0.003
2018	55,103	21.6%	52,780	21.4%	0.199	0.005
2019	28,561	16.4%	26,956	16.0%	0.371	0.010
2020	24,158	13.9%	23,126	13.7%	0.120	0.003
2021	21,780	12.5%	20,870	12.4%	0.096	0.003
2022	7,510	4.3%	7,117	4.2%	0.081	0.004
Pre-boxed warning	206,283	80.8%	199,866	81.0%	-0.180	-0.005
Post-boxed warning	48,870	19.2%	46,799	19.0%	0.180	0.005
<b>Seasonality</b>						
Winter	58,741	23.0%	57,419	23.3%	-0.256	-0.006
Spring	70,643	27.7%	66,558	27.0%	0.703	0.016
Summer	56,964	22.3%	55,116	22.3%	-0.019	-0.000
Autumn	68,805	27.0%	67,572	27.4%	-0.428	-0.010
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.4	1.3	1.4	1.3	-0.002	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	108,386	42.5%	103,765	42.1%	0.412	0.008
Psychiatric Drug Dispensings <sup>5</sup>	68,424	26.8%	65,552	26.6%	0.241	0.006
Self Harm Encounter <sup>5</sup>	341	0.1%	280	0.1%	0.020	0.006
Encounter for Other Psychiatric Event <sup>5</sup>	93,918	36.8%	89,502	36.3%	0.524	0.011
<b>Asthma Severity</b>						
Asthma Emergency Encounter	22,539	8.8%	21,795	8.8%	-0.002	-0.000
Asthma Inpatient Encounter	545	0.2%	554	0.2%	-0.011	-0.002

**Table 1at. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Outpatient Encounter	246,089	96.4%	238,431	96.7%	-0.214	-0.012
Oral Corticosteroid Dispensing	60,847	23.8%	58,106	23.6%	0.290	0.007
Use of Other Asthma Medication	166,150	65.1%	164,813	66.8%	-1.699	-0.037
Allergic Rhinitis	110,572	43.3%	100,930	40.9%	2.418	0.049
Anxiety	28,457	11.2%	27,241	11.0%	0.109	0.004
Depression	21,419	8.4%	20,605	8.4%	0.041	0.002
Sleep Disorder	35,164	13.8%	33,002	13.4%	0.402	0.012
Substance Abuse	8,452	3.3%	8,352	3.4%	-0.074	-0.004
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	276	0.1%	288	0.1%	-0.008	-0.003
Suffocation	17	0.0%	*****	0.0%	0.003	0.005
Suicide Attempt	181	0.1%	180	0.1%	-0.002	-0.001
Toxicity	43	0.0%	38	0.0%	0.001	0.001
Other Self Harm	93	0.0%	100	0.0%	-0.004	-0.002
Asthma Exacerbations						
No moderate asthma exacerbations	220,392	86.4%	212,226	86.0%	0.338	0.010
One moderate asthma exacerbation	31,006	12.2%	30,744	12.5%	-0.312	-0.009
Two or more moderate asthma exacerbations	3,755	1.5%	3,695	1.5%	-0.026	-0.002
No severe asthma exacerbations	253,577	99.4%	245,063	99.4%	0.032	0.004
One severe asthma exacerbation	1,515	0.6%	1,541	0.6%	-0.031	-0.004
Two or more severe asthma exacerbations	61	0.0%	61	0.0%	-0.001	-0.001



**Table 1at. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	34,696	13.6%	33,093	13.4%	0.182	0.005
Antipsychotics	9,783	3.8%	9,656	3.9%	-0.081	-0.004
Anxiolytics Hypnotics	28,743	11.3%	27,368	11.1%	0.170	0.005
Lithium Other Mood Stabilizers	9,816	3.8%	9,639	3.9%	-0.060	-0.003
Antidepressants	38,016	14.9%	36,490	14.8%	0.106	0.003
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	8.4	10.5	8.4	10.1		
Mean number of emergency room encounters	0.4	1.0	0.4	1.1	-0.003	-0.003
Mean number of inpatient hospital encounters	0.1	0.3	0.1	0.3	-0.001	-0.004
Mean number of other ambulatory encounters	2.5	9.8	2.6	10.5	-0.163	-0.016
Mean number of filled prescriptions	11.7	11.8	11.7	11.7	-0.017	-0.001
Mean number of generics dispensed	6.3	4.1	6.3	4.1	0.066	0.016
Mean number of unique drug classes dispensed	6.0	3.7	6.0	3.7	0.050	0.014
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.1	3.2	2.1	3.2	0.031	0.010

**Table 1a. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1au. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	207,843	100.0%	375,784	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	15.6	4.0	15.0	3.8	0.628	0.161
	Number	Percent	Number	Percent		
10-24	207,843	100.0%	375,784	100.0%	0.000	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	103,196	49.7%	183,882	48.9%	0.718	0.014
Male	104,647	50.3%	191,902	51.1%	-0.718	-0.014
Race <sup>2</sup>						
American Indian or Alaska Native	1,875	0.9%	3,662	1.0%	-0.072	-0.008
Asian	3,220	1.5%	7,778	2.1%	-0.521	-0.039
Black or African American	30,297	14.6%	58,363	15.5%	-0.954	-0.027
Multi-racial	448	0.2%	676	0.2%	0.036	0.008
Native Hawaiian or Other Pacific Islander	381	0.2%	1,640	0.4%	-0.253	-0.046
Unknown	133,743	64.3%	233,407	62.1%	2.236	0.046
White	37,879	18.2%	70,258	18.7%	-0.472	-0.012
Hispanic origin						
Yes	35,999	17.3%	75,958	20.2%	-2.893	-0.074
No	71,472	34.4%	138,072	36.7%	-2.355	-0.049
Unknown	100,372	48.3%	161,754	43.0%	5.248	0.105

**Table 1au. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,716	4.7%	20,002	5.3%	-0.648	-0.030
2016	48,697	23.4%	95,848	25.5%	-2.076	-0.048
2017	59,936	28.8%	113,823	30.3%	-1.452	-0.032
2018	54,086	26.0%	92,660	24.7%	1.365	0.031
2019	13,507	16.1%	18,241	14.5%	1.593	0.044
2020	9,705	11.6%	14,961	11.9%	-0.330	-0.010
2021	8,746	10.4%	14,424	11.5%	-1.046	-0.034
2022	3,450	4.1%	5,825	4.6%	-0.520	-0.025
Pre-boxed warning	187,851	90.4%	343,671	91.5%	-1.073	-0.037
Post-boxed warning	19,992	9.6%	32,113	8.5%	1.073	0.037
Seasonality						
Winter	43,716	21.0%	89,332	23.8%	-2.739	-0.066
Spring	54,422	26.2%	78,681	20.9%	5.246	0.124
Summer	50,035	24.1%	84,586	22.5%	1.564	0.037
Autumn	59,670	28.7%	123,185	32.8%	-4.072	-0.088
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.2	0.5	1.2	0.5	-0.006	-0.012
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	68,576	33.0%	123,092	32.8%	0.238	0.005
Psychiatric Drug Dispensings <sup>4</sup>	43,108	20.7%	74,249	19.8%	0.982	0.024
Self Harm Encounter <sup>4</sup>	550	0.3%	1,163	0.3%	-0.045	-0.008
Encounter for Other Psychiatric Event <sup>4</sup>	60,170	28.9%	109,576	29.2%	-0.210	-0.005
Asthma Severity						

**Table 1au. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	24,071	11.6%	47,314	12.6%	-1.009	-0.031
Asthma Inpatient Encounter	413	0.2%	1,147	0.3%	-0.107	-0.021
Asthma Outpatient Encounter	199,759	96.1%	363,736	96.8%	-0.683	-0.037
Oral Corticosteroid Dispensing	42,355	20.4%	78,531	20.9%	-0.520	-0.013
Use of Other Asthma Medication	156,979	75.5%	322,947	85.9%	-10.412	-0.266
Allergic Rhinitis	92,331	44.4%	97,718	26.0%	18.420	0.393
Anxiety	20,698	10.0%	36,965	9.8%	0.122	0.004
Depression	15,557	7.5%	27,897	7.4%	0.061	0.002
Sleep Disorder	6,788	3.3%	10,421	2.8%	0.493	0.029
Substance Abuse	2,843	1.4%	6,151	1.6%	-0.269	-0.022
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	545	0.3%	1,196	0.3%	-0.056	-0.010
Suffocation	17	0.0%	28	0.0%	0.001	0.001
Suicide Attempt	288	0.1%	621	0.2%	-0.027	-0.007
Toxicity	57	0.0%	125	0.0%	-0.006	-0.003
Other Self Harm	157	0.1%	305	0.1%	-0.006	-0.002
Asthma Exacerbations						
No moderate asthma exacerbations	181,721	87.4%	322,184	85.7%	1.695	0.050
One moderate asthma exacerbation	23,942	11.5%	48,712	13.0%	-1.443	-0.044
Two or more moderate asthma exacerbations	2,180	1.0%	4,888	1.3%	-0.252	-0.023
No severe asthma exacerbations	206,852	99.5%	372,574	99.1%	0.377	0.046
One severe asthma exacerbation	954	0.5%	3,128	0.8%	-0.373	-0.047
Two or more severe asthma exacerbations	37	0.0%	82	0.0%	-0.004	-0.003

**Table 1au. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	13,028	6.3%	20,596	5.5%	0.787	0.033
Antipsychotics	6,021	2.9%	11,754	3.1%	-0.231	-0.014
Anxiolytics Hypnotics	11,274	5.4%	17,569	4.7%	0.749	0.034
Lithium Other Mood Stabilizers	4,717	2.3%	9,026	2.4%	-0.132	-0.009
Antidepressants	21,173	10.2%	35,063	9.3%	0.856	0.029
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.5	8.1	6.6	8.5	-0.045	-0.005
Mean number of emergency room encounters	0.4	1.0	0.4	1.0	-0.036	-0.036
Mean number of inpatient hospital encounters	0.0	0.3	0.0	0.3	-0.008	-0.028
Mean number of other ambulatory encounters	2.3	10.3	2.9	12.8	-0.674	-0.058
Mean number of filled prescriptions	7.5	7.1	7.4	7.4	0.051	0.007
Mean number of generics dispensed	4.9	3.1	4.7	2.9	0.256	0.084
Mean number of unique drug classes dispensed	4.8	2.8	4.6	2.7	0.154	0.055
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.2	-0.006	-0.038
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.008	-0.022
<a href="#">Mean number of outpatient visits for respiratory disorders</a>	<a href="#">1.8</a>	<a href="#">2.9</a>	<a href="#">1.5</a>	<a href="#">2.5</a>	<a href="#">0.356</a>	<a href="#">0.133</a>

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1av. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	207,800	N/A	201,178	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	15.6	4.0	15.5	4.0	0.080	0.020
	Number	Percent	Number	Percent		
10-24	207,800	100.0%	201,178	100.0%	0.000	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	103,165	49.6%	99,417	49.4%	0.229	0.005
Male	104,635	50.4%	101,761	50.6%	-0.229	-0.005
Race <sup>3</sup>						
American Indian or Alaska Native	1,875	0.9%	1,741	0.9%	0.037	0.004
Asian	3,220	1.5%	3,944	2.0%	-0.411	-0.031
Black or African American	30,294	14.6%	27,422	13.6%	0.948	0.029
Multi-racial	448	0.2%	390	0.2%	0.022	0.005
Native Hawaiian or Other Pacific Islander	381	0.2%	763	0.4%	-0.196	-0.037
Unknown	133,708	64.3%	132,364	65.8%	-1.450	-0.036
White	37,874	18.2%	34,553	17.2%	1.051	0.029
Hispanic origin						
Yes	35,998	17.3%	37,492	18.6%	-1.313	-0.037
No	71,465	34.4%	66,172	32.9%	1.499	0.039
Unknown	100,337	48.3%	97,513	48.5%	-0.186	-0.007

**Table 1av. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,715	4.7%	9,624	4.8%	-0.109	-0.005
2016	48,692	23.4%	47,579	23.7%	-0.218	-0.005
2017	59,926	28.8%	58,256	29.0%	-0.119	-0.003
2018	54,075	26.0%	51,655	25.7%	0.346	0.008
2019	13,499	16.1%	12,788	15.8%	0.292	0.008
2020	9,699	11.6%	9,450	11.7%	-0.114	-0.004
2021	8,744	10.4%	8,489	10.5%	-0.066	-0.002
2022	3,450	4.1%	3,336	4.1%	-0.009	-0.000
Pre-boxed warning	187,814	90.4%	181,750	90.3%	0.039	0.001
Post-boxed warning	19,986	9.6%	19,427	9.7%	-0.039	-0.001
Seasonality						
Winter	43,711	21.0%	42,884	21.3%	-0.282	-0.007
Spring	54,393	26.2%	51,236	25.5%	0.708	0.016
Summer	50,029	24.1%	48,365	24.0%	0.034	0.001
Autumn	59,667	28.7%	58,692	29.2%	-0.461	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.2	0.5	1.2	0.5	-0.001	-0.001
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	68,541	33.0%	65,947	32.8%	0.203	0.004
Psychiatric Drug Dispensings <sup>5</sup>	43,081	20.7%	40,578	20.2%	0.562	0.014
Self Harm Encounter <sup>5</sup>	550	0.3%	540	0.3%	-0.004	-0.001
Encounter for Other Psychiatric Event <sup>5</sup>	60,137	28.9%	57,623	28.6%	0.297	0.007
Asthma Severity						



**Table 1av. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	24,061	11.6%	23,264	11.6%	0.015	0.000
Asthma Inpatient Encounter	413	0.2%	437	0.2%	-0.019	-0.004
Asthma Outpatient Encounter	199,726	96.1%	193,915	96.4%	-0.276	-0.015
Oral Corticosteroid Dispensing	42,337	20.4%	41,029	20.4%	-0.020	-0.001
Use of Other Asthma Medication	156,967	75.5%	155,485	77.3%	-1.750	-0.042
Allergic Rhinitis	92,291	44.4%	84,934	42.2%	2.195	0.045
Anxiety	20,680	10.0%	19,864	9.9%	0.078	0.003
Depression	15,547	7.5%	14,959	7.4%	0.046	0.002
Sleep Disorder	6,777	3.3%	6,361	3.2%	0.099	0.006
Substance Abuse	2,840	1.4%	2,833	1.4%	-0.042	-0.004
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	545	0.3%	597	0.3%	-0.034	-0.007
Suffocation	17	0.0%	11	0.0%	0.003	0.003
Suicide Attempt	288	0.1%	307	0.2%	-0.014	-0.004
Toxicity	57	0.0%	62	0.0%	-0.003	-0.002
Other Self Harm	157	0.1%	154	0.1%	-0.001	-0.000
Asthma Exacerbations						
No moderate asthma exacerbations	181,682	87.4%	174,384	86.7%	0.750	0.022
One moderate asthma exacerbation	23,939	11.5%	24,284	12.1%	-0.551	-0.017
Two or more moderate asthma exacerbations	2,179	1.0%	2,509	1.2%	-0.199	-0.019
No severe asthma exacerbations	206,810	99.5%	200,096	99.5%	0.061	0.009
One severe asthma exacerbation	954	0.5%	1,041	0.5%	-0.058	-0.008
Two or more severe asthma exacerbations	36	0.0%	40	0.0%	-0.003	-0.002

**Table 1av. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	13,019	6.3%	12,361	6.1%	0.121	0.005
Antipsychotics	6,014	2.9%	5,945	3.0%	-0.061	-0.004
Anxiolytics Hypnotics	11,263	5.4%	10,555	5.2%	0.173	0.008
Lithium Other Mood Stabilizers	4,710	2.3%	4,601	2.3%	-0.020	-0.001
Antidepressants	21,154	10.2%	20,145	10.0%	0.167	0.006
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	6.5	8.1	6.6	7.8		
Mean number of emergency room encounters	0.4	1.0	0.4	1.0	-0.002	-0.002
Mean number of inpatient hospital encounters	0.0	0.3	0.0	0.3	-0.002	-0.007
Mean number of other ambulatory encounters	2.3	10.3	2.6	11.6	-0.351	-0.032
Mean number of filled prescriptions	7.5	7.1	7.5	7.1	0.012	0.002
Mean number of generics dispensed	4.9	3.1	4.9	3.2	0.051	0.016
Mean number of unique drug classes dispensed	4.8	2.8	4.7	2.9	0.037	0.013
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.001	-0.008
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	1.8	2.9	1.8	2.8	0.042	0.015

**Table 1av. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

**Table 1aw. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	257,110	100.0%	294,341	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	40.4	8.4	39.8	8.5	0.512	0.061
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	257,110	100.0%	294,341	100.0%	0.000	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	181,338	70.5%	203,653	69.2%	1.340	0.029
Male	75,772	29.5%	90,688	30.8%	-1.340	-0.029
Race <sup>2</sup>						
American Indian or Alaska Native	1,423	0.6%	2,693	0.9%	-0.361	-0.042
Asian	4,289	1.7%	5,838	2.0%	-0.315	-0.024
Black or African American	24,385	9.5%	36,232	12.3%	-2.825	-0.091
Multi-racial	1,158	0.5%	1,019	0.3%	0.104	0.017
Native Hawaiian or Other Pacific Islander	405	0.2%	1,086	0.4%	-0.211	-0.041
Unknown	170,998	66.5%	167,494	56.9%	9.603	0.199
White	54,452	21.2%	79,979	27.2%	-5.994	-0.140
Hispanic origin						
Yes	17,125	6.7%	28,457	9.7%	-3.007	-0.110
No	74,367	28.9%	116,533	39.6%	-10.667	-0.226
Unknown	165,618	64.4%	149,351	50.7%	13.674	0.279

**Table 1aw. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,809	3.8%	14,025	4.8%	-0.950	-0.047
2016	48,272	18.8%	64,342	21.9%	-3.085	-0.077
2017	55,345	21.5%	75,760	25.7%	-4.213	-0.099
2018	53,229	20.7%	65,883	22.4%	-1.680	-0.041
2019	29,853	15.4%	22,843	13.4%	2.045	0.058
2020	28,159	14.6%	23,741	13.9%	0.643	0.018
2021	23,587	12.2%	19,834	11.6%	0.569	0.018
2022	8,856	4.6%	7,913	4.6%	-0.059	-0.003
Pre-boxed warning	201,244	78.3%	246,845	83.9%	-5.592	-0.143
Post-boxed warning	55,866	21.7%	47,496	16.1%	5.592	0.143
Seasonality						
Winter	59,048	23.0%	75,105	25.5%	-2.550	-0.060
Spring	75,190	29.2%	68,632	23.3%	5.927	0.135
Summer	55,307	21.5%	61,585	20.9%	0.588	0.014
Autumn	67,565	26.3%	89,019	30.2%	-3.965	-0.088
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.4	1.1	1.5	1.2	-0.053	-0.046
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	143,325	55.7%	168,088	57.1%	-1.362	-0.027
Psychiatric Drug Dispensings <sup>4</sup>	107,765	41.9%	126,142	42.9%	-0.942	-0.019
Self Harm Encounter <sup>4</sup>	698	0.3%	1,131	0.4%	-0.113	-0.020
Encounter for Other Psychiatric Event <sup>4</sup>	120,674	46.9%	142,428	48.4%	-1.454	-0.029
Asthma Severity						
Asthma Emergency Encounter	31,681	12.3%	43,015	14.6%	-2.292	-0.067

**Table 1aw. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	937	0.4%	1,018	0.3%	0.019	0.003
Asthma Outpatient Encounter	245,663	95.5%	281,077	95.5%	0.054	0.003
Oral Corticosteroid Dispensing	78,184	30.4%	85,945	29.2%	1.210	0.026
Use of Other Asthma Medication	171,136	66.6%	237,291	80.6%	-14.056	-0.323
Allergic Rhinitis	109,228	42.5%	59,245	20.1%	22.355	0.497
Anxiety	60,536	23.5%	68,518	23.3%	0.266	0.006
Depression	43,794	17.0%	53,468	18.2%	-1.132	-0.030
Sleep Disorder	38,538	15.0%	36,486	12.4%	2.593	0.075
Substance Abuse	13,255	5.2%	24,363	8.3%	-3.122	-0.125
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	631	0.2%	1,105	0.4%	-0.130	-0.023
Suffocation	*****	0.0%	18	0.0%	-0.001	-0.002
Suicide Attempt	364	0.1%	554	0.2%	-0.047	-0.011
Toxicity	68	0.0%	127	0.0%	-0.017	-0.009
Other Self Harm	193	0.1%	288	0.1%	-0.023	-0.008
Asthma Exacerbations						
No moderate asthma exacerbations	215,213	83.7%	243,125	82.6%	1.105	0.030
One moderate asthma exacerbation	36,781	14.3%	44,964	15.3%	-0.971	-0.027
Two or more moderate asthma exacerbations	5,116	2.0%	6,252	2.1%	-0.134	-0.009
No severe asthma exacerbations	254,804	99.1%	291,343	99.0%	0.122	0.012
One severe asthma exacerbation	2,180	0.8%	2,892	1.0%	-0.135	-0.014
Two or more severe asthma exacerbations	126	0.0%	106	0.0%	0.013	0.006

**Table 1aw. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	60,012	23.3%	72,943	24.8%	-1.441	-0.034
Antipsychotics	17,880	7.0%	28,570	9.7%	-2.752	-0.100
Anxiolytics Hypnotics	56,395	21.9%	63,967	21.7%	0.202	0.005
Lithium Other Mood Stabilizers	20,498	8.0%	27,544	9.4%	-1.385	-0.049
Antidepressants	78,739	30.6%	94,144	32.0%	-1.360	-0.029
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	9.6	11.2	10.1	12.5	-0.445	-0.037
Mean number of emergency room encounters	0.6	1.5	0.7	1.8	-0.158	-0.095
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.015	-0.035
Mean number of other ambulatory encounters	2.6	9.4	3.6	12.4	-0.940	-0.085
Mean number of filled prescriptions	15.7	15.1	16.7	16.5	-1.055	-0.067
Mean number of generics dispensed	7.9	5.1	7.9	5.1	0.044	0.009
Mean number of unique drug classes dispensed	7.5	4.6	7.5	4.6	-0.029	-0.006
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.3	-0.006	-0.024
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.2	0.5	-0.022	-0.043
Mean number of outpatient visits for respiratory disorders	2.1	3.2	1.6	2.7	0.455	0.154

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1ax. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	257,075	N/A	247,483	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	40.3	8.4	40.4	8.5	-0.002	-0.000
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	257,075	100.0%	247,483	100.0%	0.000	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	181,307	70.5%	173,792	70.2%	0.303	0.007
Male	75,768	29.5%	73,691	29.8%	-0.303	-0.007
Race <sup>3</sup>						
American Indian or Alaska Native	1,423	0.6%	1,560	0.6%	-0.077	-0.010
Asian	4,289	1.7%	3,970	1.6%	0.064	0.005
Black or African American	24,377	9.5%	22,651	9.2%	0.330	0.012
Multi-racial	1,158	0.5%	1,154	0.5%	-0.016	-0.002
Native Hawaiian or Other Pacific Islander	405	0.2%	556	0.2%	-0.067	-0.015
Unknown	170,983	66.5%	164,585	66.5%	0.007	0.000
White	54,440	21.2%	53,007	21.4%	-0.242	-0.007
Hispanic origin						
Yes	17,120	6.7%	16,748	6.8%	-0.108	-0.005
No	74,349	28.9%	71,044	28.7%	0.215	0.008
Unknown	165,606	64.4%	159,691	64.5%	-0.107	-0.005



**Table 1ax. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,809	3.8%	9,894	4.0%	-0.182	-0.009
2016	48,269	18.8%	47,132	19.0%	-0.268	-0.007
2017	55,339	21.5%	53,409	21.6%	-0.054	-0.001
2018	53,223	20.7%	50,596	20.4%	0.259	0.007
2019	29,841	15.4%	27,949	15.0%	0.407	0.011
2020	28,153	14.6%	27,180	14.6%	-0.053	-0.001
2021	23,585	12.2%	22,779	12.2%	-0.049	-0.001
2022	8,856	4.6%	8,543	4.6%	-0.013	-0.001
Pre-boxed warning	201,217	78.3%	193,498	78.2%	0.085	0.002
Post-boxed warning	55,858	21.7%	53,985	21.8%	-0.085	-0.002
Seasonality						
Winter	59,045	23.0%	57,799	23.4%	-0.387	-0.009
Spring	75,172	29.2%	70,186	28.4%	0.881	0.019
Summer	55,296	21.5%	53,048	21.4%	0.075	0.002
Autumn	67,562	26.3%	66,449	26.9%	-0.569	-0.013
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.4	1.1	1.4	1.1	-0.002	-0.001
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	143,293	55.7%	136,888	55.3%	0.428	0.009
Psychiatric Drug Dispensings <sup>5</sup>	107,738	41.9%	102,569	41.4%	0.464	0.010
Self Harm Encounter <sup>5</sup>	698	0.3%	630	0.3%	0.017	0.003
Encounter for Other Psychiatric Event <sup>5</sup>	120,646	46.9%	115,293	46.6%	0.344	0.007
Asthma Severity						

**Table 1ax. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	31,664	12.3%	30,126	12.2%	0.144	0.004
Asthma Inpatient Encounter	937	0.4%	908	0.4%	-0.003	-0.000
Asthma Outpatient Encounter	245,643	95.6%	237,307	95.9%	-0.335	-0.017
Oral Corticosteroid Dispensing	78,161	30.4%	74,948	30.3%	0.120	0.003
Use of Other Asthma Medication	171,134	66.6%	169,918	68.7%	-2.089	-0.045
Allergic Rhinitis	109,194	42.5%	99,019	40.0%	2.465	0.051
Anxiety	60,518	23.5%	57,615	23.3%	0.260	0.006
Depression	43,779	17.0%	41,962	17.0%	0.074	0.002
Sleep Disorder	38,522	15.0%	36,154	14.6%	0.376	0.011
Substance Abuse	13,254	5.2%	13,031	5.3%	-0.110	-0.005
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	631	0.2%	642	0.3%	-0.014	-0.003
Suffocation	*****	0.0%	*****	0.0%	0.001	0.002
Suicide Attempt	364	0.1%	335	0.1%	0.006	0.002
Toxicity	68	0.0%	71	0.0%	-0.002	-0.001
Other Self Harm	193	0.1%	185	0.1%	0.000	0.000
Asthma Exacerbations						
No moderate asthma exacerbations	215,186	83.7%	205,639	83.1%	0.613	0.017
One moderate asthma exacerbation	36,774	14.3%	36,889	14.9%	-0.601	-0.017
Two or more moderate asthma exacerbations	5,115	2.0%	4,955	2.0%	-0.013	-0.001
No severe asthma exacerbations	254,769	99.1%	245,187	99.1%	0.031	0.003
One severe asthma exacerbation	2,180	0.8%	2,185	0.9%	-0.035	-0.004
Two or more severe asthma exacerbations	126	0.0%	111	0.0%	0.004	0.002

**Table 1ax. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	59,988	23.3%	56,895	23.0%	0.345	0.008
Antipsychotics	17,874	7.0%	17,397	7.0%	-0.077	-0.003
Anxiolytics Hypnotics	56,372	21.9%	53,562	21.6%	0.286	0.007
Lithium Other Mood Stabilizers	20,493	8.0%	19,762	8.0%	-0.014	-0.001
Antidepressants	78,721	30.6%	75,207	30.4%	0.233	0.005
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	9.6	11.2	9.7	10.8		
Mean number of emergency room encounters	0.6	1.5	0.6	1.5	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of other ambulatory encounters	2.6	9.4	2.7	9.4	-0.091	-0.010
Mean number of filled prescriptions	15.7	15.1	15.6	15.0	0.065	0.004
Mean number of generics dispensed	7.9	5.1	7.8	5.2	0.094	0.018
Mean number of unique drug classes dispensed	7.5	4.5	7.4	4.6	0.072	0.016
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.003
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.1	0.5	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.1	3.2	2.1	3.1	0.010	0.003

**Table 1ax. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1ay. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	287,175	100.0%	253,020	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	69.6	7.3	69.0	7.5	0.533	0.072
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	287,175	100.0%	253,020	100.0%	0.000	NaN
Sex						
Female	212,375	74.0%	180,913	71.5%	2.452	0.055
Male	74,800	26.0%	72,107	28.5%	-2.452	-0.055
Race <sup>2</sup>						
American Indian or Alaska Native	1,343	0.5%	1,533	0.6%	-0.138	-0.019
Asian	8,479	3.0%	6,061	2.4%	0.557	0.035
Black or African American	27,025	9.4%	22,150	8.8%	0.656	0.023
Multi-racial	306	0.1%	273	0.1%	-0.001	-0.000
Native Hawaiian or Other Pacific Islander	562	0.2%	509	0.2%	-0.005	-0.001
Unknown	73,833	25.7%	72,510	28.7%	-2.948	-0.066
White	175,627	61.2%	149,984	59.3%	1.879	0.038
Hispanic origin						
Yes	8,885	3.1%	10,039	4.0%	-0.874	-0.047
No	203,454	70.8%	172,242	68.1%	2.772	0.060
Unknown	74,836	26.1%	70,739	28.0%	-1.898	-0.043

**Table 1ay. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,612	3.3%	12,645	5.0%	-1.651	-0.083
2016	45,002	15.7%	49,745	19.7%	-3.990	-0.105
2017	48,764	17.0%	48,664	19.2%	-2.253	-0.059
2018	49,220	17.1%	43,798	17.3%	-0.171	-0.005
2019	47,398	17.1%	33,645	14.5%	2.585	0.071
2020	40,076	14.5%	30,349	13.1%	1.364	0.040
2021	37,101	13.4%	26,795	11.6%	1.825	0.055
2022	10,002	3.6%	7,379	3.2%	0.425	0.023
Pre-boxed warning	207,818	72.4%	194,283	76.8%	-4.419	-0.102
Post-boxed warning	79,357	27.6%	58,737	23.2%	4.419	0.102
Seasonality						
Winter	71,671	25.0%	68,168	26.9%	-1.984	-0.045
Spring	79,934	27.8%	59,286	23.4%	4.403	0.101
Summer	61,402	21.4%	52,827	20.9%	0.503	0.012
Autumn	74,168	25.8%	72,739	28.7%	-2.922	-0.066
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	2.0	2.0	2.0	2.1	0.004	0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	173,506	60.4%	147,677	58.4%	2.052	0.042
Psychiatric Drug Dispensings <sup>4</sup>	130,125	45.3%	111,664	44.1%	1.180	0.024
Self Harm Encounter <sup>4</sup>	147	0.1%	158	0.1%	-0.011	-0.005
Encounter for Other Psychiatric Event <sup>4</sup>	139,365	48.5%	117,399	46.4%	2.131	0.043
Asthma Severity						

**Table 1ay. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	20,722	7.2%	20,119	8.0%	-0.736	-0.028
Asthma Inpatient Encounter	901	0.3%	739	0.3%	0.022	0.004
Asthma Outpatient Encounter	275,140	95.8%	243,276	96.1%	-0.340	-0.017
Oral Corticosteroid Dispensing	88,216	30.7%	69,287	27.4%	3.335	0.073
Use of Other Asthma Medication	137,277	47.8%	163,052	64.4%	-16.640	-0.340
Allergic Rhinitis	122,749	42.7%	57,419	22.7%	20.050	0.437
Anxiety	55,366	19.3%	44,940	17.8%	1.518	0.039
Depression	51,045	17.8%	44,700	17.7%	0.108	0.003
Sleep Disorder	70,144	24.4%	54,103	21.4%	3.043	0.072
Substance Abuse	8,354	2.9%	8,794	3.5%	-0.567	-0.032
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	142	0.0%	168	0.1%	-0.017	-0.007
Suffocation	*****	0.0%	0	0.0%	NaN	NaN
Suicide Attempt	80	0.0%	73	0.0%	-0.001	-0.001
Toxicity	31	0.0%	23	0.0%	0.002	0.002
Other Self Harm	36	0.0%	35	0.0%	-0.001	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	239,093	83.3%	213,769	84.5%	-1.230	-0.033
One moderate asthma exacerbation	41,511	14.5%	34,415	13.6%	0.853	0.025
Two or more moderate asthma exacerbations	6,571	2.3%	4,836	1.9%	0.377	0.026
No severe asthma exacerbations	284,252	99.0%	250,248	98.9%	0.078	0.008
One severe asthma exacerbation	2,837	1.0%	2,714	1.1%	-0.085	-0.008
Two or more severe asthma exacerbations	86	0.0%	58	0.0%	0.007	0.004

**Table 1ay. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	75,985	26.5%	64,340	25.4%	1.031	0.024
Antipsychotics	10,753	3.7%	11,995	4.7%	-0.996	-0.049
Anxiolytics Hypnotics	67,441	23.5%	55,367	21.9%	1.602	0.038
Lithium Other Mood Stabilizers	15,370	5.4%	14,996	5.9%	-0.575	-0.025
Antidepressants	96,603	33.6%	84,150	33.3%	0.381	0.008
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.3	12.3	12.7	12.4	0.533	0.043
Mean number of emergency room encounters	0.3	0.9	0.4	1.0	-0.024	-0.026
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.006	-0.015
Mean number of other ambulatory encounters	3.0	7.8	3.5	10.3	-0.472	-0.052
Mean number of filled prescriptions	19.8	15.5	20.5	16.7	-0.728	-0.045
Mean number of generics dispensed	9.7	5.1	9.3	5.0	0.368	0.073
Mean number of unique drug classes dispensed	9.2	4.6	9.0	4.5	0.222	0.049
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.006	-0.019
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.006	-0.014
<a href="#">Mean number of outpatient visits for respiratory disorders</a>	<a href="#">2.7</a>	<a href="#">3.7</a>	<a href="#">2.2</a>	<a href="#">3.3</a>	<a href="#">0.550</a>	<a href="#">0.157</a>

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1az. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1,2</sup>	Number	Percent	Number	Percent		
Weighted patients	287,090	N/A	275,915	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	69.6	7.3	69.6	7.4	-0.017	-0.002
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	287,090	100.0%	275,915	100.0%	0.000	NaN
Sex						
Female	212,304	74.0%	203,242	73.7%	0.289	0.007
Male	74,786	26.0%	72,673	26.3%	-0.289	-0.007
Race <sup>3</sup>						
American Indian or Alaska Native	1,343	0.5%	1,424	0.5%	-0.048	-0.007
Asian	8,475	3.0%	5,676	2.1%	0.895	0.058
Black or African American	27,006	9.4%	21,911	7.9%	1.466	0.053
Multi-racial	305	0.1%	315	0.1%	-0.008	-0.002
Native Hawaiian or Other Pacific Islander	562	0.2%	481	0.2%	0.021	0.005
Unknown	73,807	25.7%	71,596	25.9%	-0.240	-0.009
White	175,592	61.2%	174,511	63.2%	-2.086	-0.055
Hispanic origin						
Yes	8,877	3.1%	8,064	2.9%	0.169	0.010
No	203,402	70.8%	194,574	70.5%	0.330	0.014
Unknown	74,811	26.1%	73,276	26.6%	-0.499	-0.026

**Table 1az. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	9,612	3.3%	9,960	3.6%	-0.262	-0.014
2016	44,998	15.7%	44,865	16.3%	-0.587	-0.016
2017	48,745	17.0%	47,452	17.2%	-0.219	-0.006
2018	49,196	17.1%	46,831	17.0%	0.163	0.004
2019	47,375	17.1%	44,008	16.6%	0.571	0.015
2020	40,070	14.5%	38,120	14.3%	0.145	0.004
2021	37,095	13.4%	35,204	13.2%	0.167	0.005
2022	9,999	3.6%	9,475	3.6%	0.050	0.003
Pre-boxed warning	207,747	72.4%	200,351	72.6%	-0.250	-0.006
Post-boxed warning	79,343	27.6%	75,564	27.4%	0.250	0.006
Seasonality						
Winter	71,659	25.0%	69,386	25.1%	-0.187	-0.004
Spring	79,891	27.8%	74,777	27.1%	0.726	0.016
Summer	61,380	21.4%	59,323	21.5%	-0.121	-0.003
Autumn	74,160	25.8%	72,428	26.3%	-0.418	-0.010
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	2.0	2.0	2.0	2.0	0.000	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	173,434	60.4%	165,187	59.9%	0.542	0.011
Psychiatric Drug Dispensings <sup>5</sup>	130,058	45.3%	124,172	45.0%	0.298	0.006
Self Harm Encounter <sup>5</sup>	147	0.1%	131	0.0%	0.004	0.002
Encounter for Other Psychiatric Event <sup>5</sup>	139,309	48.5%	132,050	47.9%	0.665	0.013
Asthma Severity						

**Table 1az. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Emergency Encounter	20,714	7.2%	19,716	7.1%	0.070	0.003
Asthma Inpatient Encounter	898	0.3%	879	0.3%	-0.006	-0.001
Asthma Outpatient Encounter	275,066	95.8%	265,210	96.1%	-0.308	-0.016
Oral Corticosteroid Dispensing	88,165	30.7%	83,204	30.2%	0.554	0.012
Use of Other Asthma Medication	137,259	47.8%	136,570	49.5%	-1.687	-0.034
Allergic Rhinitis	122,671	42.7%	110,465	40.0%	2.693	0.055
Anxiety	55,328	19.3%	52,285	18.9%	0.322	0.008
Depression	51,017	17.8%	48,381	17.5%	0.236	0.006
Sleep Disorder	70,115	24.4%	66,008	23.9%	0.499	0.012
Substance Abuse	8,346	2.9%	7,885	2.9%	0.049	0.003
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	142	0.0%	131	0.0%	0.002	0.001
Suffocation	*****	0.0%	0	0.0%	NaN	NaN
Suicide Attempt	80	0.0%	59	0.0%	0.006	0.004
Toxicity	31	0.0%	17	0.0%	0.005	0.005
Other Self Harm	36	0.0%	28	0.0%	0.002	0.002
Asthma Exacerbations						
No moderate asthma exacerbations	239,030	83.3%	230,457	83.5%	-0.265	-0.007
One moderate asthma exacerbation	41,492	14.5%	39,599	14.4%	0.101	0.003
Two or more moderate asthma exacerbations	6,568	2.3%	5,860	2.1%	0.164	0.011
No severe asthma exacerbations	284,172	99.0%	273,053	99.0%	0.021	0.002
One severe asthma exacerbation	2,835	1.0%	2,786	1.0%	-0.022	-0.002
Two or more severe asthma exacerbations	83	0.0%	76	0.0%	0.001	0.001

**Table 1az. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	75,932	26.4%	71,681	26.0%	0.469	0.011
Antipsychotics	10,745	3.7%	10,497	3.8%	-0.062	-0.003
Anxiolytics Hypnotics	67,387	23.5%	63,992	23.2%	0.280	0.007
Lithium Other Mood Stabilizers	15,358	5.3%	14,956	5.4%	-0.071	-0.003
Antidepressants	96,559	33.6%	91,995	33.3%	0.292	0.006
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	13.3	12.3	13.3	11.7		
Mean number of emergency room encounters	0.3	0.9	0.3	0.9	0.001	0.001
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.000
Mean number of other ambulatory encounters	3.0	7.8	3.1	8.1	-0.044	-0.006
Mean number of filled prescriptions	19.8	15.5	19.8	15.3	-0.022	-0.001
Mean number of generics dispensed	9.7	5.1	9.6	5.2	0.092	0.018
Mean number of unique drug classes dispensed	9.2	4.6	9.1	4.6	0.070	0.015
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.001	-0.003
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.7	3.7	2.7	3.8	0.022	0.006

**Table 1az. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product		Covariate Balance
	Montelukast	Inhaled Corticosteroids (ICS)	

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1ba. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	366,721	100.0%	484,288	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	39.7	15.7	32.9	15.9	6.757	0.429
	Number	Percent	Number	Percent		
10-24	139,267	38.0%	252,692	52.2%	-14.202	-0.288
25-54	113,785	31.0%	126,253	26.1%	4.958	0.110
≥ 55	113,669	31.0%	105,343	21.8%	9.244	0.211
Sex						
Female	219,943	60.0%	273,687	56.5%	3.462	0.070
Male	146,778	40.0%	210,601	43.5%	-3.462	-0.070
Race <sup>2</sup>						
American Indian or Alaska Native	2,125	0.6%	3,843	0.8%	-0.214	-0.026
Asian	10,457	2.9%	13,779	2.8%	0.006	0.000
Black or African American	40,994	11.2%	63,063	13.0%	-1.843	-0.057
Multi-racial	1,061	0.3%	1,120	0.2%	0.058	0.011
Native Hawaiian or Other Pacific Islander	795	0.2%	2,164	0.4%	-0.230	-0.040
Unknown	213,044	58.1%	282,576	58.3%	-0.254	-0.005
White	98,245	26.8%	117,743	24.3%	2.478	0.057
Hispanic origin						
Yes	38,383	10.5%	73,511	15.2%	-4.713	-0.141
No	141,908	38.7%	189,927	39.2%	-0.521	-0.011
Unknown	186,430	50.8%	220,850	45.6%	5.234	0.105

**Table 1ba. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	15,454	4.2%	25,233	5.2%	-0.996	-0.047
2016	73,025	19.9%	113,632	23.5%	-3.551	-0.086
2017	84,986	23.2%	130,687	27.0%	-3.811	-0.088
2018	79,845	21.8%	108,367	22.4%	-0.604	-0.015
2019	40,336	16.1%	35,997	14.0%	2.050	0.057
2020	34,048	13.6%	32,396	12.6%	0.948	0.028
2021	29,076	11.6%	27,760	10.8%	0.773	0.025
2022	9,951	4.0%	10,216	4.0%	-0.014	-0.001
Pre-boxed warning	300,105	81.8%	420,165	86.8%	-4.925	-0.136
Post-boxed warning	66,616	18.2%	64,123	13.2%	4.925	0.136
Seasonality						
Winter	84,478	23.0%	122,419	25.3%	-2.242	-0.052
Spring	101,528	27.7%	107,533	22.2%	5.481	0.127
Summer	81,170	22.1%	103,512	21.4%	0.760	0.018
Autumn	99,545	27.1%	150,824	31.1%	-3.999	-0.088
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.2	1.0	1.1	0.8	0.030	0.033
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	0	0.0%	0	0.0%	NaN	NaN
Psychiatric Drug Dispensings <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Self Harm Encounter <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Encounter for Other Psychiatric Event <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Asthma Severity						
Asthma Emergency Encounter	29,342	8.0%	48,904	10.1%	-2.097	-0.073

**Table 1ba. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	762	0.2%	1,156	0.2%	-0.031	-0.007
Asthma Outpatient Encounter	356,933	97.3%	472,098	97.5%	-0.152	-0.010
Oral Corticosteroid Dispensing	86,664	23.6%	108,696	22.4%	1.188	0.028
Use of Other Asthma Medication	240,247	65.5%	387,145	79.9%	-14.429	-0.328
Allergic Rhinitis	159,591	43.5%	118,941	24.6%	18.958	0.408
Anxiety	0	0.0%	0	0.0%	NaN	NaN
Depression	0	0.0%	0	0.0%	NaN	NaN
Sleep Disorder	0	0.0%	0	0.0%	NaN	NaN
Substance Abuse	0	0.0%	0	0.0%	NaN	NaN
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	182	0.0%	337	0.1%	-0.020	-0.008
Suffocation	*****	0.0%	*****	0.0%	-0.000	-0.001
Suicide Attempt	95	0.0%	152	0.0%	-0.005	-0.003
Toxicity	19	0.0%	26	0.0%	-0.000	-0.000
Other Self Harm	46	0.0%	60	0.0%	0.000	0.000
Asthma Exacerbations						
No moderate asthma exacerbations	315,905	86.1%	412,691	85.2%	0.927	0.026
One moderate asthma exacerbation	45,522	12.4%	64,397	13.3%	-0.884	-0.026
Two or more moderate asthma exacerbations	5,294	1.4%	7,200	1.5%	-0.043	-0.004
No severe asthma exacerbations	364,972	99.5%	481,158	99.4%	0.169	0.023
One severe asthma exacerbation	1,706	0.5%	3,088	0.6%	-0.172	-0.023
Two or more severe asthma exacerbations	43	0.0%	42	0.0%	0.003	0.003



**Table 1ba. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Medical Product Use in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Analgesic Opiates	38,215	10.4%	42,752	8.8%	1.593	0.054
Antipsychotics	0	0.0%	0	0.0%	NaN	NaN
Anxiolytics Hypnotics	0	0.0%	0	0.0%	NaN	NaN
Lithium Other Mood Stabilizers	0	0.0%	0	0.0%	NaN	NaN
Antidepressants	78	0.0%	129	0.0%	-0.005	-0.003
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	6.7	7.3	5.9	6.6	0.797	0.114
Mean number of emergency room encounters	0.3	0.7	0.3	0.8	-0.053	-0.072
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.2	-0.000	-0.001
Mean number of other ambulatory encounters	1.2	4.3	1.3	5.0	-0.049	-0.010
Mean number of filled prescriptions	9.0	8.2	8.1	7.6	0.915	0.116
Mean number of generics dispensed	5.6	3.4	5.0	3.1	0.589	0.183
Mean number of unique drug classes dispensed	5.3	3.1	4.9	2.8	0.472	0.160
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.001	-0.005
Mean number of emergency department visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.013	-0.038
Mean number of outpatient visits for respiratory disorders	2.0	3.0	1.5	2.6	0.451	0.160

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bb. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	366,650	N/A	354,769	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	39.7	15.7	39.5	16.8	0.174	0.011
	Number	Percent	Number	Percent		
10-24	139,264	38.0%	143,472	40.4%	-2.458	-0.059
25-54	113,775	31.0%	96,062	27.1%	3.954	0.092
≥ 55	113,611	31.0%	115,235	32.5%	-1.495	-0.046
Sex						
Female	219,893	60.0%	211,202	59.5%	0.441	0.009
Male	146,757	40.0%	143,567	40.5%	-0.441	-0.009
Race <sup>3</sup>						
American Indian or Alaska Native	2,125	0.6%	2,212	0.6%	-0.044	-0.006
Asian	10,450	2.9%	8,979	2.5%	0.319	0.020
Black or African American	40,983	11.2%	35,869	10.1%	1.067	0.036
Multi-racial	1,061	0.3%	950	0.3%	0.022	0.004
Native Hawaiian or Other Pacific Islander	794	0.2%	1,175	0.3%	-0.115	-0.022
Unknown	213,016	58.1%	208,407	58.7%	-0.647	-0.018
White	98,221	26.8%	97,177	27.4%	-0.603	-0.017
Hispanic origin						
Yes	38,372	10.5%	38,847	11.0%	-0.484	-0.017
No	141,869	38.7%	134,831	38.0%	0.688	0.021
Unknown	186,409	50.8%	181,091	51.0%	-0.204	-0.008
Year						
2015	15,451	4.2%	15,580	4.4%	-0.178	-0.009
2016	73,017	19.9%	71,962	20.3%	-0.370	-0.009

**Table 1bb. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	84,977	23.2%	82,763	23.3%	-0.152	-0.004
2018	79,833	21.8%	76,330	21.5%	0.258	0.006
2019	40,318	16.1%	37,960	15.6%	0.416	0.011
2020	34,041	13.6%	32,834	13.5%	0.028	0.001
2021	29,063	11.6%	27,846	11.5%	0.101	0.003
2022	9,950	4.0%	9,494	3.9%	0.051	0.003
Pre-boxed warning	300,052	81.8%	290,701	81.9%	-0.105	-0.003
Post-boxed warning	66,598	18.2%	64,068	18.1%	0.105	0.003
Seasonality						
Winter	84,462	23.0%	82,696	23.3%	-0.274	-0.006
Spring	101,500	27.7%	95,628	27.0%	0.728	0.016
Summer	81,156	22.1%	78,582	22.2%	-0.016	-0.000
Autumn	99,532	27.1%	97,863	27.6%	-0.439	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.2	1.0	1.2	1.0	-0.002	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	0	0.0%	0	0.0%	NaN	NaN
Psychiatric Drug Dispensings <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Self Harm Encounter <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Encounter for Other Psychiatric Event <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Asthma Severity						
Asthma Emergency Encounter	29,333	8.0%	28,507	8.0%	-0.035	-0.001
Asthma Inpatient Encounter	760	0.2%	742	0.2%	-0.002	-0.000
Asthma Outpatient Encounter	356,871	97.3%	345,872	97.5%	-0.159	-0.010
Oral Corticosteroid Dispensing	86,626	23.6%	82,928	23.4%	0.251	0.006

**Table 1bb. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	240,226	65.5%	238,039	67.1%	-1.578	-0.035
Allergic Rhinitis	159,530	43.5%	146,282	41.2%	2.277	0.046
Anxiety	0	0.0%	0	0.0%	NaN	NaN
Depression	0	0.0%	0	0.0%	NaN	NaN
Sleep Disorder	0	0.0%	0	0.0%	NaN	NaN
Substance Abuse	0	0.0%	0	0.0%	NaN	NaN
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	182	0.0%	190	0.1%	-0.004	-0.002
Suffocation	*****	0.0%	*****	0.0%	-0.000	-0.000
Suicide Attempt	95	0.0%	83	0.0%	0.002	0.002
Toxicity	19	0.0%	15	0.0%	0.001	0.001
Other Self Harm	46	0.0%	34	0.0%	0.003	0.003
Asthma Exacerbations						
No moderate asthma exacerbations	315,855	86.1%	303,748	85.6%	0.528	0.015
One moderate asthma exacerbation	45,504	12.4%	45,700	12.9%	-0.471	-0.014
Two or more moderate asthma exacerbations	5,291	1.4%	5,322	1.5%	-0.057	-0.005
No severe asthma exacerbations	364,905	99.5%	353,014	99.5%	0.019	0.003
One severe asthma exacerbation	1,706	0.5%	1,721	0.5%	-0.020	-0.003
Two or more severe asthma exacerbations	39	0.0%	34	0.0%	0.001	0.001
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	38,186	10.4%	36,423	10.3%	0.148	0.005
Antipsychotics	0	0.0%	0	0.0%	NaN	NaN
Anxiolytics Hypnotics	0	0.0%	0	0.0%	NaN	NaN
Lithium Other Mood Stabilizers	0	0.0%	0	0.0%	NaN	NaN
Antidepressants	76	0.0%	69	0.0%	0.001	0.001

**Table 1bb. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.7	7.3	6.7	6.9	-0.001	-0.000
Mean number of emergency room encounters	0.3	0.7	0.3	0.7	-0.001	-0.001
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.2	-0.000	-0.001
Mean number of other ambulatory encounters	1.2	4.3	1.3	4.4	-0.041	-0.009
Mean number of filled prescriptions	9.0	8.1	8.9	7.9	0.065	0.008
Mean number of generics dispensed	5.6	3.4	5.5	3.4	0.076	0.022
Mean number of unique drug classes dispensed	5.3	3.1	5.3	3.1	0.061	0.020
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.000	-0.002
Mean number of emergency department visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.0	3.0	1.9	3.0	0.026	0.009

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bc. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	385,407	100.0%	438,857	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	49.4	15.5	43.0	16.6	6.400	0.398
	Number	Percent	Number	Percent		
10-24	68,576	17.8%	123,092	28.0%	-10.255	-0.246
25-54	143,325	37.2%	168,088	38.3%	-1.113	-0.023
≥ 55	173,506	45.0%	147,677	33.7%	11.369	0.234
Sex						
Female	276,966	71.9%	294,761	67.2%	4.698	0.102
Male	108,441	28.1%	144,096	32.8%	-4.698	-0.102
Race <sup>2</sup>						
American Indian or Alaska Native	2,516	0.7%	4,045	0.9%	-0.269	-0.030
Asian	5,531	1.4%	5,898	1.3%	0.091	0.008
Black or African American	40,713	10.6%	53,682	12.2%	-1.669	-0.053
Multi-racial	851	0.2%	848	0.2%	0.028	0.006
Native Hawaiian or Other Pacific Islander	553	0.1%	1,071	0.2%	-0.101	-0.023
Unknown	165,530	42.9%	190,835	43.5%	-0.535	-0.011
White	169,713	44.0%	182,478	41.6%	2.454	0.050
Hispanic origin						
Yes	23,626	6.1%	40,943	9.3%	-3.199	-0.120
No	207,385	53.8%	236,920	54.0%	-0.176	-0.004
Unknown	154,396	40.1%	160,994	36.7%	3.376	0.069

**Table 1bc. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Year						
2015	13,683	3.6%	21,439	4.9%	-1.335	-0.066
2016	68,946	17.9%	96,303	21.9%	-4.055	-0.102
2017	79,059	20.5%	107,560	24.5%	-3.996	-0.096
2018	76,690	19.9%	93,974	21.4%	-1.515	-0.037
2019	50,422	16.6%	38,732	14.3%	2.342	0.065
2020	43,892	14.5%	36,655	13.5%	0.954	0.027
2021	40,358	13.3%	33,293	12.3%	1.029	0.031
2022	12,357	4.1%	10,901	4.0%	0.054	0.003
Pre-boxed warning	296,808	77.0%	364,634	83.1%	-6.076	-0.152
Post-boxed warning	88,599	23.0%	74,223	16.9%	6.076	0.152
Seasonality						
Winter	89,957	23.3%	110,186	25.1%	-1.767	-0.041
Spring	108,018	28.0%	99,066	22.6%	5.453	0.126
Summer	85,574	22.2%	95,486	21.8%	0.446	0.011
Autumn	101,858	26.4%	134,119	30.6%	-4.132	-0.092
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.9	1.8	1.9	1.6	0.066	0.039
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,407	100.0%	438,857	100.0%	0.000	NaN
Psychiatric Drug Dispensings <sup>4</sup>	280,998	72.9%	312,055	71.1%	1.803	0.040
Self Harm Encounter <sup>4</sup>	1,395	0.4%	2,452	0.6%	-0.197	-0.029
Encounter for Other Psychiatric Event <sup>4</sup>	320,209	83.1%	369,403	84.2%	-1.091	-0.029
Asthma Severity						
Asthma Emergency Encounter	47,132	12.2%	61,544	14.0%	-1.795	-0.053

**Table 1bc. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Asthma Inpatient Encounter	1,489	0.4%	1,748	0.4%	-0.012	-0.002
Asthma Outpatient Encounter	363,629	94.3%	415,991	94.8%	-0.440	-0.019
Oral Corticosteroid Dispensing	122,091	31.7%	125,067	28.5%	3.180	0.069
Use of Other Asthma Medication	225,145	58.4%	336,145	76.6%	-18.178	-0.396
Allergic Rhinitis	164,717	42.7%	95,441	21.7%	20.991	0.461
Anxiety	136,600	35.4%	150,423	34.3%	1.167	0.024
Depression	110,396	28.6%	126,065	28.7%	-0.082	-0.002
Sleep Disorder	115,470	30.0%	101,010	23.0%	6.944	0.158
Substance Abuse	24,452	6.3%	39,308	9.0%	-2.612	-0.098
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,136	0.3%	2,132	0.5%	-0.191	-0.031
Suffocation	*****	0.0%	*****	0.0%	-0.002	-0.002
Suicide Attempt	637	0.2%	1,096	0.2%	-0.084	-0.019
Toxicity	137	0.0%	249	0.1%	-0.021	-0.010
Other Self Harm	340	0.1%	568	0.1%	-0.041	-0.012
Asthma Exacerbations						
No moderate asthma exacerbations	320,122	83.1%	366,387	83.5%	-0.426	-0.011
One moderate asthma exacerbation	56,712	14.7%	63,694	14.5%	0.201	0.006
Two or more moderate asthma exacerbations	8,573	2.2%	8,776	2.0%	0.225	0.016
No severe asthma exacerbations	380,936	98.8%	433,007	98.7%	0.173	0.016
One severe asthma exacerbation	4,265	1.1%	5,646	1.3%	-0.180	-0.017
Two or more severe asthma exacerbations	206	0.1%	204	0.0%	0.007	0.003



**Table 1bc. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Medical Product Use in the 183 Days Prior to and Including Index Date	Number	Percent	Number	Percent		
Analgesic Opiates	110,810	28.8%	115,127	26.2%	2.518	0.056
Antipsychotics	34,654	9.0%	52,319	11.9%	-2.930	-0.096
Anxiolytics Hypnotics	135,110	35.1%	136,903	31.2%	3.861	0.082
Lithium Other Mood Stabilizers	40,585	10.5%	51,566	11.8%	-1.220	-0.039
Antidepressants	196,437	51.0%	213,228	48.6%	2.382	0.048
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation	Absolute Difference	Standardized Difference
Mean number of ambulatory encounters	13.5	12.9	13.2	13.8	0.237	0.018
Mean number of emergency room encounters	0.6	1.5	0.7	1.7	-0.128	-0.080
Mean number of inpatient hospital encounters	0.1	0.5	0.1	0.5	-0.008	-0.016
Mean number of other ambulatory encounters	4.1	11.8	5.5	16.2	-1.455	-0.103
Mean number of filled prescriptions	20.6	16.8	20.5	17.8	0.182	0.011
Mean number of generics dispensed	9.9	5.4	9.2	5.2	0.703	0.133
Mean number of unique drug classes dispensed	9.3	4.8	8.8	4.7	0.547	0.116
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.003	-0.010
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.2	0.5	-0.016	-0.033
Mean number of outpatient visits for respiratory disorders	2.5	3.5	1.9	3.0	0.604	0.185

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bd. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	385,354	N/A	369,740	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	49.4	15.5	49.3	16.4	0.138	0.009
	Number	Percent	Number	Percent		
10-24	68,575	17.8%	72,755	19.7%	-1.882	-0.055
25-54	143,303	37.2%	127,003	34.3%	2.838	0.062
≥ 55	173,476	45.0%	169,982	46.0%	-0.956	-0.024
Sex						
Female	276,918	71.9%	264,399	71.5%	0.351	0.008
Male	108,436	28.1%	105,341	28.5%	-0.351	-0.008
Race <sup>3</sup>						
American Indian or Alaska Native	2,516	0.7%	2,518	0.7%	-0.028	-0.003
Asian	5,530	1.4%	4,528	1.2%	0.210	0.018
Black or African American	40,701	10.6%	36,079	9.8%	0.804	0.027
Multi-racial	851	0.2%	815	0.2%	0.000	0.000
Native Hawaiian or Other Pacific Islander	553	0.1%	626	0.2%	-0.026	-0.007
Unknown	165,511	43.0%	160,377	43.4%	-0.425	-0.013
White	169,692	44.0%	164,797	44.6%	-0.536	-0.014
Hispanic origin						
Yes	23,623	6.1%	23,377	6.3%	-0.192	-0.008
No	207,357	53.8%	197,158	53.3%	0.486	0.017
Unknown	154,374	40.1%	149,205	40.4%	-0.294	-0.013
Year						
2015	13,683	3.6%	13,930	3.8%	-0.217	-0.012
2016	68,943	17.9%	67,853	18.4%	-0.461	-0.012

**Table 1bd. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	79,052	20.5%	76,433	20.7%	-0.158	-0.004
2018	76,677	19.9%	72,820	19.7%	0.203	0.005
2019	50,404	16.6%	46,752	16.1%	0.525	0.014
2020	43,885	14.5%	41,712	14.4%	0.110	0.003
2021	40,354	13.3%	38,463	13.3%	0.064	0.002
2022	12,356	4.1%	11,777	4.1%	0.020	0.001
Pre-boxed warning	296,767	77.0%	285,241	77.1%	-0.135	-0.003
Post-boxed warning	88,587	23.0%	84,499	22.9%	0.135	0.003
Seasonality						
Winter	89,950	23.3%	87,267	23.6%	-0.260	-0.006
Spring	107,989	28.0%	100,735	27.2%	0.779	0.017
Summer	85,564	22.2%	82,212	22.2%	-0.031	-0.001
Autumn	101,851	26.4%	99,526	26.9%	-0.487	-0.011
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.9	1.8	1.9	1.7	-0.003	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,354	100.0%	369,740	100.0%	0.000	NaN
Psychiatric Drug Dispensings <sup>5</sup>	280,953	72.9%	269,005	72.8%	0.153	0.003
Self Harm Encounter <sup>5</sup>	1,395	0.4%	1,360	0.4%	-0.006	-0.001
Encounter for Other Psychiatric Event <sup>5</sup>	320,160	83.1%	306,538	82.9%	0.176	0.005
Asthma Severity						
Asthma Emergency Encounter	47,117	12.2%	44,799	12.1%	0.111	0.003
Asthma Inpatient Encounter	1,489	0.4%	1,491	0.4%	-0.017	-0.003
Asthma Outpatient Encounter	363,593	94.4%	350,387	94.8%	-0.413	-0.018
Oral Corticosteroid Dispensing	122,060	31.7%	115,693	31.3%	0.384	0.008

**Table 1bd. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	225,140	58.4%	223,863	60.5%	-2.122	-0.045
Allergic Rhinitis	164,668	42.7%	147,807	40.0%	2.756	0.056
Anxiety	136,568	35.4%	130,326	35.2%	0.192	0.004
Depression	110,371	28.6%	105,618	28.6%	0.076	0.002
Sleep Disorder	115,443	30.0%	109,043	29.5%	0.466	0.010
Substance Abuse	24,446	6.3%	23,727	6.4%	-0.073	-0.003
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	1,136	0.3%	1,217	0.3%	-0.034	-0.006
Suffocation	*****	0.0%	*****	0.0%	0.002	0.003
Suicide Attempt	637	0.2%	643	0.2%	-0.009	-0.002
Toxicity	137	0.0%	139	0.0%	-0.002	-0.001
Other Self Harm	340	0.1%	363	0.1%	-0.010	-0.003
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	320,078	83.1%	306,598	82.9%	0.138	0.004
One moderate asthma exacerbation	56,703	14.7%	55,197	14.9%	-0.214	-0.006
Two or more moderate asthma exacerbations	8,573	2.2%	7,945	2.1%	0.076	0.005
No severe asthma exacerbations	380,884	98.8%	365,239	98.8%	0.057	0.005
One severe asthma exacerbation	4,264	1.1%	4,300	1.2%	-0.056	-0.005
Two or more severe asthma exacerbations	206	0.1%	201	0.1%	-0.001	-0.000
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	110,779	28.7%	104,591	28.3%	0.460	0.010
Antipsychotics	34,648	9.0%	33,834	9.2%	-0.160	-0.006
Anxiolytics Hypnotics	135,075	35.1%	128,659	34.8%	0.255	0.005
Lithium Other Mood Stabilizers	40,578	10.5%	39,439	10.7%	-0.137	-0.004
Antidepressants	196,405	51.0%	187,892	50.8%	0.150	0.003

**Table 1bd. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.5	12.9	13.6	12.4	-0.102	-0.008
Mean number of emergency room encounters	0.6	1.5	0.6	1.5	-0.005	-0.003
Mean number of inpatient hospital encounters	0.1	0.5	0.1	0.5	-0.002	-0.003
Mean number of other ambulatory encounters	4.1	11.8	4.4	12.6	-0.286	-0.023
Mean number of filled prescriptions	20.6	16.8	20.7	16.5	-0.045	-0.003
Mean number of generics dispensed	9.9	5.4	9.8	5.4	0.081	0.015
Mean number of unique drug classes dispensed	9.3	4.8	9.2	4.8	0.057	0.012
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.002	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.1	0.5	-0.001	-0.003
Mean number of outpatient visits for respiratory disorders	2.5	3.5	2.5	3.5	0.026	0.007

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1be. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	596,913	100.0%	784,799	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	42.6	15.8	36.0	16.4	6.539	0.406
	Number	Percent	Number	Percent		
10-24	187,851	31.5%	343,671	43.8%	-12.321	-0.256
25-54	201,244	33.7%	246,845	31.5%	2.261	0.048
≥ 55	207,818	34.8%	194,283	24.8%	10.060	0.221
Sex						
Female	390,581	65.4%	479,301	61.1%	4.360	0.091
Male	206,332	34.6%	305,498	38.9%	-4.360	-0.091
Race <sup>2</sup>						
American Indian or Alaska Native	4,135	0.7%	7,512	1.0%	-0.264	-0.029
Asian	13,695	2.3%	18,063	2.3%	-0.007	-0.000
Black or African American	71,420	12.0%	109,868	14.0%	-2.035	-0.061
Multi-racial	1,256	0.2%	1,185	0.2%	0.059	0.014
Native Hawaiian or Other Pacific Islander	1,168	0.2%	3,122	0.4%	-0.202	-0.037
Unknown	294,631	49.4%	388,969	49.6%	-0.204	-0.004
White	210,608	35.3%	256,080	32.6%	2.653	0.056
Hispanic origin						
Yes	58,326	9.8%	111,454	14.2%	-4.430	-0.137
No	287,332	48.1%	381,944	48.7%	-0.531	-0.011
Unknown	251,255	42.1%	291,401	37.1%	4.962	0.102
Year						
2015	29,137	4.9%	46,672	5.9%	-1.066	-0.047
2016	141,971	23.8%	209,935	26.8%	-2.966	-0.068

**Table 1be. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	164,045	27.5%	238,247	30.4%	-2.875	-0.063
2018	156,535	26.2%	202,341	25.8%	0.442	0.010
2019	90,758	22.8%	74,729	19.2%	3.563	0.088
2020	14,467	3.6%	12,875	3.3%	0.321	0.018
2021	0	0.0%	0	0.0%	NaN	NaN
2022	0	0.0%	0	0.0%	NaN	NaN
Pre-boxed warning	596,913	100.0%	784,799	100.0%	0.000	NaN
Post-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Seasonality						
Winter	138,386	23.2%	196,414	25.0%	-1.844	-0.043
Spring	158,733	26.6%	168,408	21.5%	5.134	0.120
Summer	132,477	22.2%	168,663	21.5%	0.702	0.017
Autumn	167,317	28.0%	251,314	32.0%	-3.992	-0.087
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.5	1.4	1.5	1.2	0.065	0.049
	Number	Percent	Number	Percent		
Psychiatric History	296,808	49.7%	364,634	46.5%	3.262	0.065
Psychiatric Drug Dispensings <sup>4</sup>	216,692	36.3%	258,685	33.0%	3.340	0.070
Self Harm Encounter <sup>4</sup>	1,227	0.2%	2,236	0.3%	-0.079	-0.016
Encounter for Other Psychiatric Event <sup>4</sup>	244,459	41.0%	305,594	38.9%	2.015	0.041
Asthma Severity						
Asthma Emergency Encounter	64,300	10.8%	98,861	12.6%	-1.825	-0.057
Asthma Inpatient Encounter	2,005	0.3%	2,706	0.3%	-0.009	-0.002
Asthma Outpatient Encounter	570,590	95.6%	753,674	96.0%	-0.444	-0.022
Oral Corticosteroid Dispensing	168,273	28.2%	200,587	25.6%	2.632	0.059

**Table 1be. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	379,003	63.5%	626,670	79.9%	-16.357	-0.369
Allergic Rhinitis	255,161	42.7%	178,338	22.7%	20.023	0.437
Anxiety	100,172	16.8%	119,267	15.2%	1.585	0.043
Depression	83,155	13.9%	103,014	13.1%	0.805	0.024
Sleep Disorder	83,128	13.9%	77,643	9.9%	4.033	0.125
Substance Abuse	19,262	3.2%	34,144	4.4%	-1.124	-0.059
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,163	0.2%	2,285	0.3%	-0.096	-0.020
Suffocation	*****	0.0%	*****	0.0%	-0.001	-0.002
Suicide Attempt	643	0.1%	1,132	0.1%	-0.037	-0.010
Toxicity	138	0.0%	255	0.0%	-0.009	-0.006
Other Self Harm	322	0.1%	542	0.1%	-0.015	-0.006
Asthma Exacerbations						
No moderate asthma exacerbations	499,968	83.8%	657,009	83.7%	0.042	0.001
One moderate asthma exacerbation	85,290	14.3%	113,489	14.5%	-0.172	-0.005
Two or more moderate asthma exacerbations	11,655	2.0%	14,301	1.8%	0.130	0.010
No severe asthma exacerbations	591,561	99.1%	776,685	99.0%	0.137	0.014
One severe asthma exacerbation	5,136	0.9%	7,894	1.0%	-0.145	-0.015
Two or more severe asthma exacerbations	216	0.0%	220	0.0%	0.008	0.005
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	121,030	20.3%	137,322	17.5%	2.778	0.071
Antipsychotics	27,894	4.7%	45,129	5.8%	-1.077	-0.048
Anxiolytics Hypnotics	104,833	17.6%	113,621	14.5%	3.085	0.084
Lithium Other Mood Stabilizers	32,384	5.4%	43,692	5.6%	-0.142	-0.006
Antidepressants	148,627	24.9%	173,781	22.1%	2.756	0.065



**Table 1be. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.0	10.9	9.3	11.2	0.773	0.070
Mean number of emergency room encounters	0.5	1.2	0.5	1.4	-0.077	-0.060
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of other ambulatory encounters	2.8	9.9	3.4	12.8	-0.696	-0.061
Mean number of filled prescriptions	15.0	14.4	13.9	14.6	1.015	0.07
Mean number of generics dispensed	7.8	4.9	7.0	4.6	0.793	0.167
Mean number of unique drug classes dispensed	7.3	4.4	6.7	4.2	0.639	0.149
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.000	-0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.010	-0.024
Mean number of outpatient visits for respiratory disorders	2.3	3.3	1.7	2.7	0.587	0.194

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bf. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	596,859	N/A	575,038	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	42.6	15.8	42.4	16.8	0.187	0.011
	Number	Percent	Number	Percent		
10-24	187,850	31.5%	193,040	33.6%	-2.097	-0.053
25-54	201,233	33.7%	175,510	30.5%	3.194	0.071
≥ 55	207,776	34.8%	206,489	35.9%	-1.097	-0.031
Sex						
Female	390,536	65.4%	373,562	65.0%	0.469	0.010
Male	206,323	34.6%	201,476	35.0%	-0.469	-0.010
Race <sup>3</sup>						
American Indian or Alaska Native	4,135	0.7%	4,321	0.8%	-0.059	-0.007
Asian	13,693	2.3%	11,626	2.0%	0.272	0.019
Black or African American	71,412	12.0%	63,867	11.1%	0.858	0.028
Multi-racial	1,256	0.2%	1,072	0.2%	0.024	0.005
Native Hawaiian or Other Pacific Islander	1,168	0.2%	1,649	0.3%	-0.091	-0.019
Unknown	294,614	49.4%	287,444	50.0%	-0.626	-0.018
White	210,581	35.3%	205,060	35.7%	-0.379	-0.010
Hispanic origin						
Yes	58,322	9.8%	58,971	10.3%	-0.484	-0.017
No	287,305	48.1%	273,124	47.5%	0.639	0.019
Unknown	251,232	42.1%	242,943	42.2%	-0.156	-0.006
Year						
2015	29,136	4.9%	29,439	5.1%	-0.238	-0.011
2016	141,966	23.8%	139,612	24.3%	-0.493	-0.012

**Table 1bf. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	164,035	27.5%	159,037	27.7%	-0.174	-0.004
2018	156,518	26.2%	149,011	25.9%	0.310	0.007
2019	90,738	22.7%	84,418	22.0%	0.719	0.017
2020	14,466	3.6%	13,523	3.5%	0.098	0.005
2021	0	0.0%	0	0.0%	NaN	NaN
2022	0	0.0%	0	0.0%	NaN	NaN
Pre-boxed warning	596,859	100.0%	575,038	100.0%	0.000	NaN
Post-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Seasonality						
Winter	138,376	23.2%	134,590	23.4%	-0.221	-0.005
Spring	158,708	26.6%	148,742	25.9%	0.724	0.016
Summer	132,466	22.2%	127,647	22.2%	-0.004	-0.000
Autumn	167,309	28.0%	164,060	28.5%	-0.499	-0.011
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.5	1.4	1.5	1.4	0.000	0.000
	Number	Percent	Number	Percent		
Psychiatric History	296,757	49.7%	283,058	49.2%	0.496	0.010
Psychiatric Drug Dispensings <sup>5</sup>	216,643	36.3%	206,005	35.8%	0.473	0.010
Self Harm Encounter <sup>5</sup>	1,227	0.2%	1,169	0.2%	0.002	0.000
Encounter for Other Psychiatric Event <sup>5</sup>	244,415	41.0%	232,765	40.5%	0.472	0.010
Asthma Severity						
Asthma Emergency Encounter	64,293	10.8%	61,681	10.7%	0.046	0.001
Asthma Inpatient Encounter	2,005	0.3%	1,987	0.3%	-0.010	-0.002
Asthma Outpatient Encounter	570,546	95.6%	551,441	95.9%	-0.305	-0.015
Oral Corticosteroid Dispensing	168,239	28.2%	159,891	27.8%	0.382	0.009

**Table 1bf. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	378,992	63.5%	376,345	65.4%	-1.949	-0.042
Allergic Rhinitis	255,113	42.7%	231,430	40.2%	2.497	0.051
Anxiety	100,139	16.8%	95,022	16.5%	0.253	0.007
Depression	83,134	13.9%	79,300	13.8%	0.138	0.004
Sleep Disorder	83,102	13.9%	77,872	13.5%	0.381	0.011
Substance Abuse	19,257	3.2%	18,963	3.3%	-0.071	-0.004
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	1,163	0.2%	1,240	0.2%	-0.021	-0.005
Suffocation	*****	0.0%	*****	0.0%	0.001	0.001
Suicide Attempt	643	0.1%	616	0.1%	0.001	0.000
Toxicity	138	0.0%	134	0.0%	-0.000	-0.000
Other Self Harm	322	0.1%	328	0.1%	-0.003	-0.001
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	499,925	83.8%	479,050	83.3%	0.452	0.012
One moderate asthma exacerbation	85,281	14.3%	84,718	14.7%	-0.444	-0.013
Two or more moderate asthma exacerbations	11,653	2.0%	11,270	2.0%	-0.008	-0.001
No severe asthma exacerbations	591,508	99.1%	569,671	99.1%	0.037	0.004
One severe asthma exacerbation	5,135	0.9%	5,160	0.9%	-0.037	-0.004
Two or more severe asthma exacerbations	216	0.0%	207	0.0%	0.000	0.000
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	120,997	20.3%	114,458	19.9%	0.368	0.009
Antipsychotics	27,889	4.7%	27,305	4.7%	-0.076	-0.004
Anxiolytics Hypnotics	104,793	17.6%	99,075	17.2%	0.328	0.009
Lithium Other Mood Stabilizers	32,377	5.4%	31,368	5.5%	-0.030	-0.001
Antidepressants	148,594	24.9%	141,354	24.6%	0.314	0.007

**Table 1bf. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.0	10.9	10.1	10.5	-0.015	-0.001
Mean number of emergency room encounters	0.5	1.2	0.5	1.2	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.8	9.9	2.9	10.5	-0.162	-0.016
Mean number of filled prescriptions	15.0	14.4	14.9	14.2	0.063	0.004
Mean number of generics dispensed	7.8	4.9	7.7	5.0	0.104	0.021
Mean number of unique drug classes dispensed	7.3	4.4	7.3	4.4	0.079	0.018
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.3	3.3	2.2	3.3	0.036	0.011

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bg. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	155,215	100.0%	138,346	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	52.7	15.8	47.2	17.6	5.463	0.327
	Number	Percent	Number	Percent		
10-24	19,992	12.9%	32,113	23.2%	-10.332	-0.271
25-54	55,866	36.0%	47,496	34.3%	1.661	0.035
≥ 55	79,357	51.1%	58,737	42.5%	8.671	0.174
Sex						
Female	106,328	68.5%	89,147	64.4%	4.066	0.086
Male	48,887	31.5%	49,199	35.6%	-4.066	-0.086
Race <sup>2</sup>						
American Indian or Alaska Native	506	0.3%	376	0.3%	0.054	0.010
Asian	2,293	1.5%	1,614	1.2%	0.311	0.027
Black or African American	10,287	6.6%	6,877	5.0%	1.657	0.071
Multi-racial	656	0.4%	783	0.6%	-0.143	-0.020
Native Hawaiian or Other Pacific Islander	180	0.1%	113	0.1%	0.034	0.011
Unknown	83,943	54.1%	84,442	61.0%	-6.955	-0.141
White	57,350	36.9%	44,141	31.9%	5.043	0.106
Hispanic origin						
Yes	3,683	2.4%	3,000	2.2%	0.204	0.014
No	61,961	39.9%	44,903	32.5%	7.462	0.156
Unknown	89,571	57.7%	90,443	65.4%	-7.667	-0.158
Year						
2015	0	0.0%	0	0.0%	NaN	NaN
2016	0	0.0%	0	0.0%	NaN	NaN

**Table 1bg. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	0	0.0%	0	0.0%	NaN	NaN
2018	0	0.0%	0	0.0%	NaN	NaN
2019	0	0.0%	0	0.0%	NaN	NaN
2020	63,473	40.9%	56,176	40.6%	0.288	0.006
2021	69,434	44.7%	61,053	44.1%	0.603	0.012
2022	22,308	14.4%	21,117	15.3%	-0.892	-0.025
Pre-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Post-boxed warning	155,215	100.0%	138,346	100.0%	0.000	NaN
Seasonality						
Winter	36,049	23.2%	36,191	26.2%	-2.935	-0.068
Spring	50,813	32.7%	38,191	27.6%	5.132	0.112
Summer	34,267	22.1%	30,335	21.9%	0.150	0.004
Autumn	34,086	22.0%	33,629	24.3%	-2.347	-0.056
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.7	1.7	1.7	1.6	0.052	0.031
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	88,599	57.1%	74,223	53.7%	3.431	0.069
Psychiatric Drug Dispensings <sup>4</sup>	64,306	41.4%	53,370	38.6%	2.853	0.058
Self Harm Encounter <sup>4</sup>	168	0.1%	216	0.2%	-0.048	-0.013
Encounter for Other Psychiatric Event <sup>4</sup>	75,750	48.8%	63,809	46.1%	2.681	0.054
Asthma Severity						
Asthma Emergency Encounter	12,174	7.8%	11,587	8.4%	-0.532	-0.019
Asthma Inpatient Encounter	246	0.2%	198	0.1%	0.015	0.004
Asthma Outpatient Encounter	149,972	96.6%	134,415	97.2%	-0.536	-0.031
Oral Corticosteroid Dispensing	40,482	26.1%	33,176	24.0%	2.101	0.049

**Table 1bg. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	86,389	55.7%	96,620	69.8%	-14.182	-0.297
Allergic Rhinitis	69,147	44.5%	36,044	26.1%	18.496	0.394
Anxiety	36,428	23.5%	31,156	22.5%	0.949	0.023
Depression	27,241	17.6%	23,051	16.7%	0.889	0.024
Sleep Disorder	32,342	20.8%	23,367	16.9%	3.947	0.101
Substance Abuse	5,190	3.3%	5,164	3.7%	-0.389	-0.021
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	155	0.1%	184	0.1%	-0.033	-0.010
Suffocation	*****	0.0%	*****	0.0%	0.002	0.003
Suicide Attempt	89	0.1%	116	0.1%	-0.027	-0.010
Toxicity	18	0.0%	20	0.0%	-0.003	-0.003
Other Self Harm	64	0.0%	86	0.1%	-0.021	-0.009
Asthma Exacerbations						
No moderate asthma exacerbations	136,059	87.7%	122,069	88.2%	-0.576	-0.018
One moderate asthma exacerbation	16,944	10.9%	14,602	10.6%	0.362	0.012
Two or more moderate asthma exacerbations	2,212	1.4%	1,675	1.2%	0.214	0.019
No severe asthma exacerbations	154,347	99.4%	137,480	99.4%	0.067	0.009
One severe asthma exacerbation	835	0.5%	840	0.6%	-0.069	-0.009
Two or more severe asthma exacerbations	33	0.0%	26	0.0%	0.002	0.002
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	27,995	18.0%	20,557	14.9%	3.177	0.086
Antipsychotics	6,760	4.4%	7,190	5.2%	-0.842	-0.039
Anxiolytics Hypnotics	30,277	19.5%	23,282	16.8%	2.678	0.069
Lithium Other Mood Stabilizers	8,201	5.3%	7,874	5.7%	-0.408	-0.018
Antidepressants	47,888	30.9%	39,576	28.6%	2.246	0.049



**Table 1bg. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.6	11.1	10.0	10.9	0.615	0.056
Mean number of emergency room encounters	0.3	1.0	0.3	1.1	-0.020	-0.019
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	0.001	0.004
Mean number of other ambulatory encounters	2.5	5.7	2.5	6.4	-0.018	-0.003
Mean number of filled prescriptions	15.0	13.4	14.1	13.6	0.878	0.065
Mean number of generics dispensed	7.9	4.8	7.1	4.5	0.800	0.172
Mean number of unique drug classes dispensed	7.5	4.4	6.8	4.1	0.673	0.158
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.3	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.013	-0.032
Mean number of outpatient visits for respiratory disorders	2.2	3.3	1.9	3.1	0.335	0.104

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1bh. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	155,180	N/A	149,899	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	52.7	15.8	52.5	17.2	0.118	0.007
	Number	Percent	Number	Percent		
10-24	19,991	12.9%	23,727	15.8%	-2.946	-0.089
25-54	55,852	36.0%	46,864	31.3%	4.728	0.108
≥ 55	79,337	51.1%	79,309	52.9%	-1.782	-0.044
Sex						
Female	106,297	68.5%	102,100	68.1%	0.387	0.008
Male	48,883	31.5%	47,799	31.9%	-0.387	-0.008
Race <sup>3</sup>						
American Indian or Alaska Native	506	0.3%	407	0.3%	0.054	0.010
Asian	2,292	1.5%	1,811	1.2%	0.269	0.023
Black or African American	10,283	6.6%	8,164	5.4%	1.180	0.051
Multi-racial	656	0.4%	680	0.5%	-0.031	-0.005
Native Hawaiian or Other Pacific Islander	180	0.1%	145	0.1%	0.020	0.006
Unknown	83,917	54.1%	81,226	54.2%	-0.110	-0.004
White	57,346	37.0%	57,466	38.3%	-1.382	-0.042
Hispanic origin						
Yes	3,681	2.4%	3,192	2.1%	0.242	0.017
No	61,952	39.9%	59,431	39.6%	0.275	0.014
Unknown	89,547	57.7%	87,276	58.2%	-0.518	-0.027
Year						
2015	0	0.0%	0	0.0%	NaN	NaN
2016	0	0.0%	0	0.0%	NaN	NaN

**Table 1bh. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	0	0.0%	0	0.0%	NaN	NaN
2018	0	0.0%	0	0.0%	NaN	NaN
2019	0	0.0%	0	0.0%	NaN	NaN
2020	63,456	40.9%	61,577	41.1%	-0.187	-0.004
2021	69,419	44.7%	66,918	44.6%	0.093	0.002
2022	22,305	14.4%	21,405	14.3%	0.094	0.003
Pre-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Post-boxed warning	155,180	100.0%	149,899	100.0%	0.000	NaN
Seasonality						
Winter	36,047	23.2%	35,422	23.6%	-0.401	-0.009
Spring	50,789	32.7%	47,781	31.9%	0.853	0.018
Summer	34,261	22.1%	33,272	22.2%	-0.118	-0.003
Autumn	34,083	22.0%	33,425	22.3%	-0.334	-0.008
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.7	1.7	1.7	1.7	-0.003	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	88,569	57.1%	84,830	56.6%	0.483	0.010
Psychiatric Drug Dispensings <sup>5</sup>	64,279	41.4%	61,570	41.1%	0.348	0.007
Self Harm Encounter <sup>5</sup>	168	0.1%	169	0.1%	-0.005	-0.001
Encounter for Other Psychiatric Event <sup>5</sup>	75,723	48.8%	72,190	48.2%	0.638	0.013
Asthma Severity						
Asthma Emergency Encounter	12,169	7.8%	11,570	7.7%	0.124	0.005
Asthma Inpatient Encounter	246	0.2%	237	0.2%	0.000	0.000
Asthma Outpatient Encounter	149,940	96.6%	145,243	96.9%	-0.270	-0.015
Oral Corticosteroid Dispensing	40,459	26.1%	38,540	25.7%	0.361	0.008

**Table 1bh. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	86,384	55.7%	85,778	57.2%	-1.557	-0.032
Allergic Rhinitis	69,112	44.5%	63,045	42.1%	2.479	0.050
Anxiety	36,411	23.5%	34,724	23.2%	0.299	0.007
Depression	27,225	17.5%	26,016	17.4%	0.189	0.005
Sleep Disorder	32,325	20.8%	30,550	20.4%	0.450	0.011
Substance Abuse	5,188	3.3%	4,949	3.3%	0.042	0.002
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	155	0.1%	161	0.1%	-0.007	-0.002
Suffocation	*****	0.0%	*****	0.0%	0.003	0.006
Suicide Attempt	89	0.1%	101	0.1%	-0.010	-0.004
Toxicity	18	0.0%	19	0.0%	-0.001	-0.001
Other Self Harm	64	0.0%	66	0.0%	-0.003	-0.001
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	136,032	87.7%	131,595	87.8%	-0.128	-0.004
One moderate asthma exacerbation	16,936	10.9%	16,336	10.9%	0.016	0.001
Two or more moderate asthma exacerbations	2,212	1.4%	1,968	1.3%	0.113	0.010
No severe asthma exacerbations	154,313	99.4%	149,035	99.4%	0.018	0.002
One severe asthma exacerbation	834	0.5%	836	0.6%	-0.020	-0.003
Two or more severe asthma exacerbations	33	0.0%	28	0.0%	0.002	0.002
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	27,970	18.0%	26,274	17.5%	0.496	0.013
Antipsychotics	6,756	4.4%	6,700	4.5%	-0.116	-0.006
Anxiolytics Hypnotics	30,261	19.5%	28,878	19.3%	0.236	0.006
Lithium Other Mood Stabilizers	8,197	5.3%	8,040	5.4%	-0.081	-0.004
Antidepressants	47,866	30.8%	45,828	30.6%	0.273	0.006

**Table 1bh. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 0-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.6	11.1	10.7	10.6	-0.085	-0.008
Mean number of emergency room encounters	0.3	1.0	0.3	1.0	-0.003	-0.003
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.004
Mean number of other ambulatory encounters	2.5	5.7	2.6	6.1	-0.128	-0.022
Mean number of filled prescriptions	15.0	13.4	15.0	13.2	-0.015	-0.001
Mean number of generics dispensed	7.9	4.8	7.8	4.9	0.075	0.015
Mean number of unique drug classes dispensed	7.5	4.4	7.5	4.4	0.062	0.014
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.005
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.002	-0.004
Mean number of outpatient visits for respiratory disorders	2.2	3.3	2.2	3.2	0.003	0.001

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bi. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	752,280	100.0%	923,377	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	44.7	15.8	37.7	16.6	6.949	0.429
	Number	Percent	Number	Percent		
10-24	207,867	27.6%	375,872	40.7%	-13.075	-0.278
25-54	257,154	34.2%	294,430	31.9%	2.297	0.049
≥ 55	287,259	38.2%	253,075	27.4%	10.778	0.231
Sex						
Female	497,022	66.1%	568,594	61.6%	4.491	0.094
Male	255,258	33.9%	354,783	38.4%	-4.491	-0.094
Race <sup>2</sup>						
American Indian or Alaska Native	4,641	0.6%	7,894	0.9%	-0.238	-0.028
Asian	15,993	2.1%	19,681	2.1%	-0.005	-0.000
Black or African American	81,721	10.9%	116,767	12.6%	-1.783	-0.055
Multi-racial	1,913	0.3%	1,968	0.2%	0.041	0.009
Native Hawaiian or Other Pacific Islander	1,348	0.2%	3,235	0.4%	-0.171	-0.033
Unknown	378,631	50.3%	473,550	51.3%	-0.953	-0.019
White	268,033	35.6%	300,282	32.5%	3.109	0.066
Hispanic origin						
Yes	62,019	8.2%	114,481	12.4%	-4.154	-0.137
No	349,367	46.4%	426,937	46.2%	0.205	0.004
Unknown	340,894	45.3%	381,959	41.4%	3.949	0.080
Year						
2015	29,141	3.9%	46,687	5.1%	-1.182	-0.057
2016	141,992	18.9%	210,011	22.7%	-3.869	-0.095

**Table 1bi. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	164,068	21.8%	238,304	25.8%	-3.998	-0.094
2018	156,565	20.8%	202,397	21.9%	-1.107	-0.027
2019	90,783	16.4%	74,740	14.2%	2.222	0.062
2020	77,970	14.1%	69,061	13.1%	0.986	0.029
2021	69,448	12.5%	61,060	11.6%	0.964	0.030
2022	22,313	4.0%	21,117	4.0%	0.026	0.001
Pre-boxed warning	597,022	79.4%	785,015	85.0%	-5.654	-0.148
Post-boxed warning	155,258	20.6%	138,362	15.0%	5.654	0.148
Seasonality						
Winter	174,459	23.2%	232,656	25.2%	-2.006	-0.047
Spring	209,611	27.9%	206,659	22.4%	5.483	0.127
Summer	166,779	22.2%	199,054	21.6%	0.613	0.015
Autumn	201,431	26.8%	285,008	30.9%	-4.090	-0.090
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.6	1.5	1.5	1.3	0.076	0.055
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,520	51.2%	438,981	47.5%	3.706	0.074
Psychiatric Drug Dispensings <sup>4</sup>	281,086	37.4%	312,149	33.8%	3.559	0.074
Self Harm Encounter <sup>4</sup>	1,394	0.2%	2,455	0.3%	-0.081	-0.017
Encounter for Other Psychiatric Event <sup>4</sup>	320,312	42.6%	369,507	40.0%	2.562	0.052
Asthma Severity						
Asthma Emergency Encounter	76,513	10.2%	110,494	12.0%	-1.795	-0.057
Asthma Inpatient Encounter	2,253	0.3%	2,905	0.3%	-0.015	-0.003
Asthma Outpatient Encounter	720,684	95.8%	888,309	96.2%	-0.402	-0.021
Oral Corticosteroid Dispensing	208,814	27.8%	233,820	25.3%	2.435	0.055

**Table 1bi. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	465,439	61.9%	723,452	78.3%	-16.478	-0.366
Allergic Rhinitis	324,390	43.1%	214,432	23.2%	19.898	0.432
Anxiety	136,658	18.2%	150,459	16.3%	1.871	0.050
Depression	110,444	14.7%	126,098	13.7%	1.025	0.029
Sleep Disorder	115,514	15.4%	101,044	10.9%	4.412	0.131
Substance Abuse	24,463	3.3%	39,321	4.3%	-1.007	-0.053
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,319	0.2%	2,470	0.3%	-0.092	-0.020
Suffocation	30	0.0%	46	0.0%	-0.001	-0.001
Suicide Attempt	733	0.1%	1,250	0.1%	-0.038	-0.011
Toxicity	156	0.0%	275	0.0%	-0.009	-0.006
Other Self Harm	386	0.1%	630	0.1%	-0.017	-0.007
Asthma Exacerbations						
No moderate asthma exacerbations	636,154	84.6%	779,273	84.4%	0.170	0.005
One moderate asthma exacerbation	102,254	13.6%	128,119	13.9%	-0.283	-0.008
Two or more moderate asthma exacerbations	13,872	1.8%	15,985	1.7%	0.113	0.009
No severe asthma exacerbations	746,055	99.2%	914,396	99.0%	0.145	0.015
One severe asthma exacerbation	5,976	0.8%	8,735	0.9%	-0.152	-0.016
Two or more severe asthma exacerbations	249	0.0%	246	0.0%	0.006	0.004
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	149,088	19.8%	157,940	17.1%	2.714	0.070
Antipsychotics	34,679	4.6%	52,338	5.7%	-1.058	-0.048
Anxiolytics Hypnotics	135,168	18.0%	136,952	14.8%	3.136	0.085
Lithium Other Mood Stabilizers	40,612	5.4%	51,588	5.6%	-0.188	-0.008
Antidepressants	196,573	26.1%	213,423	23.1%	3.017	0.070



**Table 1bi. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.2	11.0	9.4	11.2	0.781	0.071
Mean number of emergency room encounters	0.4	1.2	0.5	1.3	-0.076	-0.061
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.000
Mean number of other ambulatory encounters	2.7	9.2	3.3	12.0	-0.610	-0.057
Mean number of filled prescriptions	15.0	14.2	14.0	14.5	0.997	0.069
Mean number of generics dispensed	7.8	4.9	7.0	4.6	0.803	0.169
Mean number of unique drug classes dispensed	7.4	4.4	6.7	4.2	0.655	0.153
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.000	-0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.012	-0.028
Mean number of outpatient visits for respiratory disorders	2.3	3.3	1.7	2.8	0.545	0.178

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1bj. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	752,230	N/A	724,855	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	44.7	15.8	44.5	16.9	0.183	0.011
	Number	Percent	Number	Percent		
10-24	207,866	27.6%	216,783	29.9%	-2.274	-0.059
25-54	257,136	34.2%	222,525	30.7%	3.484	0.078
≥ 55	287,228	38.2%	285,548	39.4%	-1.210	-0.033
Sex						
Female	496,977	66.1%	475,583	65.6%	0.456	0.010
Male	255,253	33.9%	249,273	34.4%	-0.456	-0.010
Race <sup>3</sup>						
American Indian or Alaska Native	4,641	0.6%	4,735	0.7%	-0.036	-0.005
Asian	15,992	2.1%	13,441	1.9%	0.272	0.020
Black or African American	81,716	10.9%	72,042	9.9%	0.924	0.032
Multi-racial	1,912	0.3%	1,757	0.2%	0.012	0.002
Native Hawaiian or Other Pacific Islander	1,348	0.2%	1,794	0.2%	-0.068	-0.015
Unknown	378,607	50.3%	368,744	50.9%	-0.540	-0.016
White	268,014	35.6%	262,343	36.2%	-0.563	-0.015
Hispanic origin						
Yes	62,019	8.2%	62,181	8.6%	-0.334	-0.013
No	349,360	46.4%	332,404	45.9%	0.585	0.019
Unknown	340,851	45.3%	330,270	45.6%	-0.251	-0.010
Year						
2015	29,140	3.9%	29,519	4.1%	-0.199	-0.010
2016	141,986	18.9%	139,863	19.3%	-0.420	-0.011

**Table 1bj. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	164,064	21.8%	159,312	22.0%	-0.168	-0.004
2018	156,558	20.8%	149,324	20.6%	0.212	0.005
2019	90,771	16.4%	84,746	15.9%	0.478	0.013
2020	77,957	14.1%	74,575	14.0%	0.074	0.002
2021	69,445	12.5%	66,279	12.4%	0.095	0.003
2022	22,309	4.0%	21,236	4.0%	0.041	0.002
Pre-boxed warning	596,990	79.4%	576,339	79.5%	-0.148	-0.004
Post-boxed warning	155,240	20.6%	148,516	20.5%	0.148	0.004
Seasonality						
Winter	174,455	23.2%	169,970	23.4%	-0.257	-0.006
Spring	209,583	27.9%	196,529	27.1%	0.749	0.017
Summer	166,764	22.2%	160,889	22.2%	-0.027	-0.001
Autumn	201,428	26.8%	197,467	27.2%	-0.465	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.6	1.5	1.6	1.5	0.000	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,474	51.2%	367,807	50.7%	0.502	0.010
Psychiatric Drug Dispensings <sup>5</sup>	281,045	37.4%	267,530	36.9%	0.454	0.010
Self Harm Encounter <sup>5</sup>	1,394	0.2%	1,336	0.2%	0.001	0.000
Encounter for Other Psychiatric Event <sup>5</sup>	320,270	42.6%	304,849	42.1%	0.520	0.011
Asthma Severity						
Asthma Emergency Encounter	76,496	10.2%	73,303	10.1%	0.057	0.002
Asthma Inpatient Encounter	2,251	0.3%	2,232	0.3%	-0.009	-0.002
Asthma Outpatient Encounter	720,647	95.8%	696,565	96.1%	-0.296	-0.015
Oral Corticosteroid Dispensing	208,780	27.8%	198,495	27.4%	0.371	0.008
Use of Other Asthma Medication	465,431	61.9%	462,190	63.8%	-1.890	-0.041

**Table 1bj. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Allergic Rhinitis	324,343	43.1%	294,367	40.6%	2.507	0.051
Anxiety	136,634	18.2%	129,696	17.9%	0.271	0.007
Depression	110,424	14.7%	105,269	14.5%	0.157	0.004
Sleep Disorder	115,489	15.4%	108,323	14.9%	0.409	0.012
Substance Abuse	24,457	3.3%	23,889	3.3%	-0.044	-0.003
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,318	0.2%	1,401	0.2%	-0.018	-0.004
Suffocation	30	0.0%	21	0.0%	0.001	0.002
Suicide Attempt	732	0.1%	721	0.1%	-0.002	-0.001
Toxicity	156	0.0%	153	0.0%	-0.000	-0.000
Other Self Harm	386	0.1%	394	0.1%	-0.003	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	636,120	84.6%	610,583	84.2%	0.329	0.009
One moderate asthma exacerbation	102,243	13.6%	101,035	13.9%	-0.347	-0.010
Two or more moderate asthma exacerbations	13,867	1.8%	13,238	1.8%	0.017	0.001
No severe asthma exacerbations	746,009	99.2%	718,609	99.1%	0.035	0.004
One severe asthma exacerbation	5,972	0.8%	6,007	0.8%	-0.035	-0.004
Two or more severe asthma exacerbations	249	0.0%	240	0.0%	0.000	0.000
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	149,054	19.8%	140,853	19.4%	0.383	0.010
Antipsychotics	34,673	4.6%	33,993	4.7%	-0.080	-0.004
Anxiolytics Hypnotics	135,137	18.0%	127,968	17.7%	0.311	0.008
Lithium Other Mood Stabilizers	40,602	5.4%	39,421	5.4%	-0.041	-0.002
Antidepressants	196,544	26.1%	187,126	25.8%	0.312	0.007

**Table 1bj. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.2	11.0	10.2	10.5	-0.029	-0.003
Mean number of emergency room encounters	0.4	1.2	0.4	1.2	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.7	9.2	2.8	9.7	-0.153	-0.016
Mean number of filled prescriptions	15.0	14.2	14.9	14.1	0.048	0.003
Mean number of generics dispensed	7.8	4.9	7.7	4.9	0.098	0.020
Mean number of unique drug classes dispensed	7.4	4.4	7.3	4.4	0.076	0.017
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.3	3.3	2.2	3.3	0.029	0.009

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

**Table 1bk. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	496,977	100.0%	568,584	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	47.9	15.5	41.4	16.4	6.566	0.412
	Number	Percent	Number	Percent		
10-24	103,203	20.8%	183,929	32.3%	-11.582	-0.265
25-54	181,358	36.5%	203,714	35.8%	0.664	0.014
≥ 55	212,416	42.7%	180,941	31.8%	10.919	0.227
Sex						
Female	496,977	100.0%	568,584	100.0%	0.000	NaN
Male	0	0.0%	0	0.0%	NaN	NaN
Race <sup>3</sup>						
American Indian or Alaska Native	3,088	0.6%	5,021	0.9%	-0.262	-0.030
Asian	10,098	2.0%	11,303	2.0%	0.044	0.003
Black or African American	55,786	11.2%	73,270	12.9%	-1.661	-0.051
Multi-racial	1,273	0.3%	1,215	0.2%	0.042	0.009
Native Hawaiian or Other Pacific Islander	849	0.2%	1,892	0.3%	-0.162	-0.032
Unknown	235,671	47.4%	273,953	48.2%	-0.761	-0.015
White	190,212	38.3%	201,930	35.5%	2.759	0.057
Hispanic origin						
Yes	36,808	7.4%	64,770	11.4%	-3.985	-0.137
No	244,638	49.2%	279,907	49.2%	-0.004	-0.000
Unknown	215,531	43.4%	223,907	39.4%	3.989	0.081
Year						
2015	18,926	3.8%	28,513	5.0%	-1.207	-0.059
2016	92,749	18.7%	128,071	22.5%	-3.862	-0.096
2017	105,447	21.2%	144,278	25.4%	-4.157	-0.098

**Table 1bk. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2018	101,436	20.4%	122,826	21.6%	-1.191	-0.029
2019	62,186	16.4%	47,616	14.0%	2.336	0.065
2020	53,781	14.2%	45,012	13.3%	0.891	0.026
2021	47,658	12.5%	38,985	11.5%	1.056	0.032
2022	14,794	3.9%	13,283	3.9%	-0.020	-0.001
Pre-boxed warning	390,634	78.6%	479,430	84.3%	-5.718	-0.148
Post-boxed warning	106,343	21.4%	89,154	15.7%	5.718	0.148
Seasonality						
Winter	115,698	23.3%	143,922	25.3%	-2.032	-0.047
Spring	138,899	27.9%	127,256	22.4%	5.568	0.129
Summer	109,776	22.1%	122,372	21.5%	0.567	0.014
Autumn	132,604	26.7%	175,034	30.8%	-4.102	-0.091
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.6	1.5	1.6	1.4	0.069	0.048
	Number	Percent	Number	Percent		
Psychiatric History	277,016	55.7%	294,831	51.9%	3.887	0.078
Psychiatric Drug Dispensings <sup>5</sup>	212,564	42.8%	220,673	38.8%	3.960	0.081
Self Harm Encounter <sup>5</sup>	1,054	0.2%	1,866	0.3%	-0.116	-0.022
Encounter for Other Psychiatric Event <sup>5</sup>	226,289	45.5%	243,362	42.8%	2.732	0.055
Asthma Severity						
Asthma Emergency Encounter	53,943	10.9%	71,994	12.7%	-1.808	-0.056
Asthma Inpatient Encounter	1,704	0.3%	1,862	0.3%	0.015	0.003
Asthma Outpatient Encounter	474,471	95.5%	545,021	95.9%	-0.384	-0.019
Oral Corticosteroid Dispensing	147,880	29.8%	153,405	27.0%	2.776	0.062
Use of Other Asthma Medication	299,256	60.2%	437,726	77.0%	-16.770	-0.367
Allergic Rhinitis	213,703	43.0%	128,493	22.6%	20.402	0.445

**Table 1bk. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Anxiety	108,149	21.8%	113,601	20.0%	1.782	0.044
Depression	88,988	17.9%	96,849	17.0%	0.872	0.023
Sleep Disorder	80,287	16.2%	67,006	11.8%	4.370	0.126
Substance Abuse	16,002	3.2%	24,050	4.2%	-1.010	-0.053
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,042	0.2%	1,917	0.3%	-0.127	-0.024
Suffocation	13	0.0%	27	0.0%	-0.002	-0.004
Suicide Attempt	550	0.1%	903	0.2%	-0.048	-0.013
Toxicity	113	0.0%	201	0.0%	-0.013	-0.007
Other Self Harm	293	0.1%	469	0.1%	-0.024	-0.009
Asthma Exacerbations						
No moderate asthma exacerbations	415,652	83.6%	476,141	83.7%	-0.105	-0.003
One moderate asthma exacerbation	71,216	14.3%	81,838	14.4%	-0.063	-0.002
Two or more moderate asthma exacerbations	10,109	2.0%	10,605	1.9%	0.169	0.012
No severe asthma exacerbations	492,335	99.1%	562,688	99.0%	0.103	0.010
One severe asthma exacerbation	4,456	0.9%	5,734	1.0%	-0.112	-0.012
Two or more severe asthma exacerbations	186	0.0%	162	0.0%	0.009	0.005
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	114,306	23.0%	117,263	20.6%	2.377	0.058
Antipsychotics	24,875	5.0%	35,212	6.2%	-1.188	-0.052
Anxiolytics Hypnotics	106,355	21.4%	103,909	18.3%	3.125	0.078
Lithium Other Mood Stabilizers	30,777	6.2%	36,917	6.5%	-0.300	-0.012
Antidepressants	158,499	31.9%	164,696	29.0%	2.927	0.064



**Table 1bk. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	11.1	11.1	10.4	11.4	0.723	0.064
Mean number of emergency room encounters	0.5	1.3	0.6	1.4	-0.096	-0.072
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.002	-0.004
Mean number of other ambulatory encounters	2.8	8.8	3.4	11.5	-0.594	-0.058
Mean number of filled prescriptions	16.6	15.1	15.8	15.6	0.867	0.056
Mean number of generics dispensed	8.5	5.1	7.8	4.9	0.758	0.151
Mean number of unique drug classes dispensed	8.1	4.6	7.4	4.5	0.609	0.135
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	0.000	0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.5	-0.015	-0.035
Mean number of outpatient visits for respiratory disorders	2.4	3.3	1.8	2.8	0.558	0.181

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1b. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	496,923	N/A	478,441	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	47.9	15.5	47.8	16.4	0.150	0.009
	Number	Percent	Number	Percent		
10-24 years	103,202	20.8%	109,538	22.9%	-2.126	-0.058
25-54 years	181,342	36.5%	159,269	33.3%	3.204	0.071
≥ 55 years	212,379	42.7%	209,635	43.8%	-1.077	-0.029
Sex						
Female	496,923	100.0%	478,441	100.0%	0.000	NaN
Male	0	0.0%	0	0.0%	NaN	NaN
Race <sup>3</sup>						
American Indian or Alaska Native	3,088	0.6%	3,214	0.7%	-0.050	-0.006
Asian	10,097	2.0%	8,223	1.7%	0.313	0.023
Black or African American	55,776	11.2%	49,211	10.3%	0.939	0.031
Multi-racial	1,273	0.3%	1,177	0.2%	0.010	0.002
Native Hawaiian or Other Pacific Islander	849	0.2%	1,079	0.2%	-0.055	-0.012
Unknown	235,653	47.4%	229,044	47.9%	-0.451	-0.014
White	190,187	38.3%	186,493	39.0%	-0.706	-0.019
Hispanic origin						
Yes	36,804	7.4%	36,707	7.7%	-0.266	-0.011
No	244,604	49.2%	233,045	48.7%	0.515	0.017
Unknown	215,515	43.4%	208,690	43.6%	-0.249	-0.011
Year						
2015	18,925	3.8%	19,239	4.0%	-0.213	-0.011
2016	92,746	18.7%	91,432	19.1%	-0.446	-0.011

**Table 1bl. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	105,439	21.2%	102,312	21.4%	-0.166	-0.004
2018	101,421	20.4%	96,561	20.2%	0.227	0.006
2019	62,171	16.4%	57,860	15.9%	0.517	0.014
2020	53,773	14.2%	51,475	14.1%	0.055	0.002
2021	47,654	12.5%	45,440	12.4%	0.097	0.003
2022	14,794	3.9%	14,123	3.9%	0.026	0.001
Pre-boxed warning	390,591	78.6%	376,669	78.7%	-0.126	-0.003
Post-boxed warning	106,332	21.4%	101,772	21.3%	0.126	0.003
Seasonality						
Winter	115,692	23.3%	112,594	23.5%	-0.252	-0.006
Spring	138,873	27.9%	130,032	27.2%	0.768	0.017
Summer	109,763	22.1%	105,845	22.1%	-0.034	-0.001
Autumn	132,595	26.7%	129,969	27.2%	-0.482	-0.011
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.6	1.5	1.6	1.5	0.001	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	276,966	55.7%	264,476	55.3%	0.457	0.009
Psychiatric Drug Dispensings <sup>5</sup>	212,518	42.8%	202,446	42.3%	0.453	0.009
Self Harm Encounter <sup>5</sup>	1,054	0.2%	1,053	0.2%	-0.008	-0.002
Encounter for Other Psychiatric Event <sup>5</sup>	226,244	45.5%	215,602	45.1%	0.465	0.009
Asthma Severity						
Asthma Emergency Encounter	53,930	10.9%	51,578	10.8%	0.072	0.002
Asthma Inpatient Encounter	1,704	0.3%	1,674	0.3%	-0.007	-0.001
Asthma Outpatient Encounter	474,432	95.5%	458,361	95.8%	-0.329	-0.016
Oral Corticosteroid Dispensing	147,848	29.8%	140,654	29.4%	0.354	0.008

**Table 1bl. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	299,248	60.2%	297,403	62.2%	-1.941	-0.041
Allergic Rhinitis	213,655	43.0%	193,693	40.5%	2.511	0.051
Anxiety	108,119	21.8%	102,739	21.5%	0.284	0.007
Depression	88,965	17.9%	84,925	17.8%	0.153	0.004
Sleep Disorder	80,269	16.2%	75,352	15.7%	0.404	0.011
Substance Abuse	15,996	3.2%	15,525	3.2%	-0.026	-0.001
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,042	0.2%	1,114	0.2%	-0.023	-0.005
Suffocation	13	0.0%	12	0.0%	0.000	0.000
Suicide Attempt	550	0.1%	539	0.1%	-0.002	-0.001
Toxicity	113	0.0%	114	0.0%	-0.001	-0.001
Other Self Harm	293	0.1%	293	0.1%	-0.002	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	415,612	83.6%	398,531	83.3%	0.339	0.009
One moderate asthma exacerbation	71,204	14.3%	70,332	14.7%	-0.371	-0.011
Two or more moderate asthma exacerbations	10,107	2.0%	9,578	2.0%	0.032	0.002
No severe asthma exacerbations	492,284	99.1%	473,795	99.0%	0.038	0.004
One severe asthma exacerbation	4,454	0.9%	4,470	0.9%	-0.038	-0.004
Two or more severe asthma exacerbations	185	0.0%	176	0.0%	0.000	0.000
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	114,275	23.0%	108,004	22.6%	0.422	0.010
Antipsychotics	24,872	5.0%	24,356	5.1%	-0.085	-0.004
Anxiolytics Hypnotics	106,319	21.4%	100,893	21.1%	0.308	0.008
Lithium Other Mood Stabilizers	30,769	6.2%	29,851	6.2%	-0.047	-0.002
Antidepressants	158,469	31.9%	151,118	31.6%	0.305	0.007

**Table 1bl. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	11.1	11.1	11.1	10.7	-0.046	-0.004
Mean number of emergency room encounters	0.5	1.2	0.5	1.2	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.8	8.8	2.9	9.3	-0.150	-0.017
Mean number of filled prescriptions	16.6	15.1	16.6	15.0	0.043	0.003
Mean number of generics dispensed	8.5	5.1	8.4	5.2	0.098	0.019
Mean number of unique drug classes dispensed	8.1	4.6	8.0	4.6	0.074	0.016
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.4	3.3	2.3	3.3	0.025	0.008

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

**Table 1bm. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	255,253	100.0%	354,773	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	38.3	15.9	31.9	16.2	6.433	0.401
	Number	Percent	Number	Percent		
10-24	104,663	41.0%	191,940	54.1%	-13.099	-0.265
25-54	75,778	29.7%	90,708	25.6%	4.120	0.092
≥ 55	74,812	29.3%	72,125	20.3%	8.979	0.209
Sex						
Female	0	0.0%	0	0.0%	NaN	NaN
Male	255,253	100.0%	354,773	100.0%	0.000	NaN
Race <sup>2</sup>						
American Indian or Alaska Native	1,553	0.6%	2,873	0.8%	-0.201	-0.024
Asian	5,894	2.3%	8,378	2.4%	-0.052	-0.003
Black or African American	25,930	10.2%	43,497	12.3%	-2.102	-0.067
Multi-racial	639	0.3%	753	0.2%	0.038	0.008
Native Hawaiian or Other Pacific Islander	499	0.2%	1,343	0.4%	-0.183	-0.034
Unknown	142,936	56.0%	199,583	56.3%	-0.259	-0.005
White	77,802	30.5%	98,346	27.7%	2.760	0.061
Hispanic origin						
Yes	25,211	9.9%	49,710	14.0%	-4.135	-0.128
No	104,722	41.0%	147,025	41.4%	-0.415	-0.008
Unknown	125,320	49.1%	158,038	44.5%	4.550	0.091
Year						
2015	10,214	4.0%	18,173	5.1%	-1.121	-0.054
2016	49,237	19.3%	81,937	23.1%	-3.806	-0.093
2017	58,617	23.0%	94,019	26.5%	-3.537	-0.082

**Table 1bm. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2018	55,122	21.6%	79,569	22.4%	-0.833	-0.020
2019	28,585	16.4%	27,121	14.4%	2.017	0.056
2020	24,176	13.9%	24,048	12.7%	1.118	0.033
2021	21,787	12.5%	22,073	11.7%	0.794	0.024
2022	7,515	4.3%	7,833	4.2%	0.158	0.008
Pre-boxed warning	206,356	80.8%	305,569	86.1%	-5.287	-0.143
Post-boxed warning	48,897	19.2%	49,204	13.9%	5.287	0.143
Seasonality						
Winter	58,757	23.0%	88,727	25.0%	-1.990	-0.047
Spring	70,684	27.7%	79,400	22.4%	5.311	0.123
Summer	56,988	22.3%	76,678	21.6%	0.713	0.017
Autumn	68,824	27.0%	109,968	31.0%	-4.034	-0.089
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.4	1.3	1.4	1.2	0.063	0.050
	Number	Percent	Number	Percent		
Psychiatric History	108,458	42.5%	144,135	40.6%	1.863	0.038
Psychiatric Drug Dispensings <sup>4</sup>	68,481	26.8%	91,463	25.8%	1.048	0.024
Self Harm Encounter <sup>4</sup>	340	0.1%	589	0.2%	-0.033	-0.008
Encounter for Other Psychiatric Event <sup>4</sup>	93,981	36.8%	126,131	35.6%	1.266	0.026
Asthma Severity						
Asthma Emergency Encounter	22,553	8.8%	38,496	10.9%	-2.015	-0.068
Asthma Inpatient Encounter	547	0.2%	1,043	0.3%	-0.080	-0.016
Asthma Outpatient Encounter	246,176	96.4%	343,269	96.8%	-0.313	-0.017
Oral Corticosteroid Dispensing	60,900	23.9%	80,408	22.7%	1.194	0.028
Use of Other Asthma Medication	166,175	65.1%	285,712	80.5%	-15.432	-0.352
Allergic Rhinitis	110,640	43.3%	85,936	24.2%	19.122	0.413

**Table 1bm. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Anxiety	28,485	11.2%	36,854	10.4%	0.771	0.025
Depression	21,436	8.4%	29,241	8.2%	0.156	0.006
Sleep Disorder	35,202	13.8%	34,034	9.6%	4.198	0.131
Substance Abuse	8,455	3.3%	15,267	4.3%	-0.991	-0.052
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	276	0.1%	553	0.2%	-0.048	-0.013
Suffocation	17	0.0%	19	0.0%	0.001	0.002
Suicide Attempt	182	0.1%	347	0.1%	-0.027	-0.009
Toxicity	43	0.0%	74	0.0%	-0.004	-0.003
Other Self Harm	93	0.0%	161	0.0%	-0.009	-0.004
Asthma Exacerbations						
No moderate asthma exacerbations	220,468	86.4%	303,116	85.4%	0.933	0.027
One moderate asthma exacerbation	31,027	12.2%	46,281	13.0%	-0.890	-0.027
Two or more moderate asthma exacerbations	3,758	1.5%	5,376	1.5%	-0.043	-0.004
No severe asthma exacerbations	253,674	99.4%	351,688	99.1%	0.251	0.029
One severe asthma exacerbation	1,516	0.6%	3,001	0.8%	-0.252	-0.030
Two or more severe asthma exacerbations	63	0.0%	84	0.0%	0.001	0.001
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	34,748	13.6%	40,669	11.5%	2.150	0.065
Antipsychotics	9,798	3.8%	17,121	4.8%	-0.987	-0.049
Anxiolytics Hypnotics	28,782	11.3%	33,036	9.3%	1.964	0.065
Lithium Other Mood Stabilizers	9,825	3.8%	14,665	4.1%	-0.285	-0.015
Antidepressants	38,045	14.9%	48,716	13.7%	1.173	0.034



**Table 1bm. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	8.4	10.5	7.8	10.7	0.563	0.053
Mean number of emergency room encounters	0.4	1.0	0.4	1.2	-0.060	-0.053
Mean number of inpatient hospital encounters	0.1	0.3	0.1	0.4	-0.001	-0.003
Mean number of other ambulatory encounters	2.5	9.8	3.2	12.9	-0.671	-0.059
Mean number of filled prescriptions	11.7	11.9	11.1	12.1	0.633	0.053
Mean number of generics dispensed	6.4	4.1	5.7	3.8	0.619	0.157
Mean number of unique drug classes dispensed	6.1	3.7	5.6	3.5	0.492	0.138
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.010	-0.025
Mean number of outpatient visits for respiratory disorders	2.1	3.2	1.6	2.8	0.494	0.164

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1bn. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	255,186	N/A	246,692	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	38.3	15.9	38.1	17.0	0.172	0.010
	Number	Percent	Number	Percent		
10-24	104,660	41.0%	106,804	43.3%	-2.281	-0.057
25-54	75,765	29.7%	64,002	25.9%	3.746	0.087
≥ 55	74,761	29.3%	75,886	30.8%	-1.465	-0.043
Sex						
Female	0	0.0%	0	0.0%	NaN	NaN
Male	255,186	100.0%	246,692	100.0%	0.000	NaN
Race <sup>3</sup>						
American Indian or Alaska Native	1,553	0.6%	1,524	0.6%	-0.009	-0.001
Asian	5,891	2.3%	5,199	2.1%	0.201	0.014
Black or African American	25,926	10.2%	22,823	9.3%	0.908	0.032
Multi-racial	639	0.3%	587	0.2%	0.013	0.003
Native Hawaiian or Other Pacific Islander	499	0.2%	720	0.3%	-0.096	-0.020
Unknown	142,900	56.0%	140,031	56.8%	-0.765	-0.022
White	77,778	30.5%	75,808	30.7%	-0.251	-0.007
Hispanic origin						
Yes	25,205	9.9%	25,566	10.4%	-0.486	-0.018
No	104,695	41.0%	99,266	40.2%	0.788	0.024
Unknown	125,286	49.1%	121,860	49.4%	-0.302	-0.012
Year						
2015	10,212	4.0%	10,298	4.2%	-0.173	-0.009
2016	49,233	19.3%	48,531	19.7%	-0.380	-0.010

**Table 1bn. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	58,610	23.0%	56,999	23.1%	-0.138	-0.003
2018	55,110	21.6%	52,788	21.4%	0.198	0.005
2019	28,564	16.4%	26,958	16.0%	0.371	0.010
2020	24,164	13.9%	23,129	13.7%	0.121	0.004
2021	21,782	12.5%	20,873	12.4%	0.095	0.003
2022	7,511	4.3%	7,117	4.2%	0.081	0.004
Pre-boxed warning	206,308	80.8%	199,888	81.0%	-0.181	-0.005
Post-boxed warning	48,878	19.2%	46,804	19.0%	0.181	0.005
Seasonality						
Winter	58,743	23.0%	57,418	23.3%	-0.256	-0.006
Spring	70,655	27.7%	66,572	27.0%	0.702	0.016
Summer	56,976	22.3%	55,130	22.3%	-0.021	-0.000
Autumn	68,812	27.0%	67,572	27.4%	-0.426	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.4	1.3	1.4	1.3	-0.002	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	108,402	42.5%	103,775	42.1%	0.413	0.009
Psychiatric Drug Dispensings <sup>5</sup>	68,438	26.8%	65,555	26.6%	0.245	0.006
Self Harm Encounter <sup>5</sup>	340	0.1%	280	0.1%	0.020	0.006
Encounter for Other Psychiatric Event <sup>5</sup>	93,930	36.8%	89,511	36.3%	0.524	0.011
Asthma Severity						
Asthma Emergency Encounter	22,545	8.8%	21,797	8.8%	-0.001	-0.000
Asthma Inpatient Encounter	545	0.2%	554	0.2%	-0.011	-0.002
Asthma Outpatient Encounter	246,119	96.4%	238,453	96.7%	-0.213	-0.012
Oral Corticosteroid Dispensing	60,858	23.8%	58,110	23.6%	0.293	0.007

**Table 1bn. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	166,164	65.1%	164,826	66.8%	-1.700	-0.037
Allergic Rhinitis	110,581	43.3%	100,934	40.9%	2.418	0.049
Anxiety	28,462	11.2%	27,243	11.0%	0.110	0.004
Depression	21,422	8.4%	20,602	8.4%	0.043	0.002
Sleep Disorder	35,166	13.8%	33,002	13.4%	0.403	0.012
Substance Abuse	8,453	3.3%	8,352	3.4%	-0.073	-0.004
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	276	0.1%	288	0.1%	-0.008	-0.003
Suffocation	17	0.0%	*****	0.0%	0.003	0.005
Suicide Attempt	181	0.1%	181	0.1%	-0.002	-0.001
Toxicity	43	0.0%	38	0.0%	0.001	0.001
Other Self Harm	93	0.0%	100	0.0%	-0.004	-0.002
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	220,418	86.4%	212,250	86.0%	0.337	0.010
One moderate asthma exacerbation	31,013	12.2%	30,749	12.5%	-0.311	-0.009
Two or more moderate asthma exacerbations	3,755	1.5%	3,693	1.5%	-0.026	-0.002
No severe asthma exacerbations	253,610	99.4%	245,089	99.4%	0.032	0.004
One severe asthma exacerbation	1,515	0.6%	1,542	0.6%	-0.031	-0.004
Two or more severe asthma exacerbations	61	0.0%	61	0.0%	-0.001	-0.001
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	34,707	13.6%	33,101	13.4%	0.183	0.005
Antipsychotics	9,789	3.8%	9,658	3.9%	-0.079	-0.004
Anxiolytics Hypnotics	28,753	11.3%	27,374	11.1%	0.171	0.006
Lithium Other Mood Stabilizers	9,820	3.8%	9,642	3.9%	-0.060	-0.003
Antidepressants	38,016	14.9%	36,483	14.8%	0.108	0.003

**Table 1bn. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	8.4	10.5	8.4	10.1	-0.035	-0.003
Mean number of emergency room encounters	0.4	1.0	0.4	1.1	-0.003	-0.003
Mean number of inpatient hospital encounters	0.1	0.3	0.1	0.3	-0.001	-0.004
Mean number of other ambulatory encounters	2.5	9.8	2.6	10.5	-0.163	-0.016
Mean number of filled prescriptions	11.7	11.8	11.7	11.7	-0.017	-0.001
Mean number of generics dispensed	6.3	4.1	6.3	4.1	0.066	0.016
Mean number of unique drug classes dispensed	6.0	3.7	6.0	3.7	0.050	0.014
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.1	3.2	2.1	3.2	0.032	0.010

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bo. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	207,866	100.0%	375,869	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	15.6	4.0	15.0	3.8	0.628	0.161
	Number	Percent	Number	Percent		
10-24	207,866	100.0%	375,869	100.0%	0.000	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	103,203	49.6%	183,929	48.9%	0.714	0.014
Male	104,663	50.4%	191,940	51.1%	-0.714	-0.014
Race <sup>2</sup>						
American Indian or Alaska Native	1,875	0.9%	3,665	1.0%	-0.073	-0.008
Asian	3,222	1.6%	7,781	2.1%	-0.520	-0.039
Black or African American	30,299	14.6%	58,376	15.5%	-0.955	-0.027
Multi-racial	448	0.2%	676	0.2%	0.036	0.008
Native Hawaiian or Other Pacific Islander	381	0.2%	1,640	0.4%	-0.253	-0.046
Unknown	133,758	64.3%	233,458	62.1%	2.237	0.046
White	37,883	18.2%	70,273	18.7%	-0.471	-0.012
Hispanic origin						
Yes	36,006	17.3%	75,973	20.2%	-2.891	-0.074
No	71,480	34.4%	138,107	36.7%	-2.356	-0.049
Unknown	100,380	48.3%	161,789	43.0%	5.247	0.105
Year						
2015	9,717	4.7%	20,007	5.3%	-0.648	-0.030
2016	48,700	23.4%	95,877	25.5%	-2.080	-0.048

**Table 1bo. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	59,942	28.8%	113,849	30.3%	-1.453	-0.032
2018	54,094	26.0%	92,684	24.7%	1.365	0.031
2019	13,509	16.1%	18,242	14.5%	1.596	0.044
2020	9,707	11.6%	14,961	11.9%	-0.327	-0.010
2021	8,746	10.4%	14,425	11.5%	-1.046	-0.033
2022	3,451	4.1%	5,824	4.6%	-0.518	-0.025
Pre-boxed warning	187,871	90.4%	343,756	91.5%	-1.076	-0.037
Post-boxed warning	19,995	9.6%	32,113	8.5%	1.076	0.037
Seasonality						
Winter	43,714	21.0%	89,347	23.8%	-2.741	-0.066
Spring	54,434	26.2%	78,705	20.9%	5.248	0.124
Summer	50,043	24.1%	84,614	22.5%	1.563	0.037
Autumn	59,675	28.7%	123,203	32.8%	-4.070	-0.088
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.2	0.5	1.2	0.5	-0.006	-0.012
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	68,585	33.0%	123,121	32.8%	0.238	0.005
Psychiatric Drug Dispensings <sup>4</sup>	43,114	20.7%	74,269	19.8%	0.982	0.024
Self Harm Encounter <sup>4</sup>	550	0.3%	1,164	0.3%	-0.045	-0.008
Encounter for Other Psychiatric Event <sup>4</sup>	60,178	29.0%	109,602	29.2%	-0.209	-0.005
Asthma Severity						
Asthma Emergency Encounter	24,074	11.6%	47,333	12.6%	-1.011	-0.031
Asthma Inpatient Encounter	413	0.2%	1,147	0.3%	-0.106	-0.021
Asthma Outpatient Encounter	199,780	96.1%	363,819	96.8%	-0.684	-0.037
Oral Corticosteroid Dispensing	42,361	20.4%	78,548	20.9%	-0.519	-0.013

**Table 1bo. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	156,993	75.5%	323,012	85.9%	-10.411	-0.266
Allergic Rhinitis	92,341	44.4%	97,740	26.0%	18.420	0.393
Anxiety	20,702	10.0%	36,971	9.8%	0.123	0.004
Depression	15,559	7.5%	27,901	7.4%	0.062	0.002
Sleep Disorder	6,788	3.3%	10,425	2.8%	0.492	0.029
Substance Abuse	2,843	1.4%	6,154	1.6%	-0.270	-0.022
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	545	0.3%	1,196	0.3%	-0.056	-0.010
Suffocation	17	0.0%	28	0.0%	0.001	0.001
Suicide Attempt	288	0.1%	621	0.2%	-0.027	-0.007
Toxicity	57	0.0%	125	0.0%	-0.006	-0.003
Other Self Harm	157	0.1%	305	0.1%	-0.006	-0.002
Asthma Exacerbations						
No moderate asthma exacerbations	181,741	87.4%	322,258	85.7%	1.695	0.050
One moderate asthma exacerbation	23,945	11.5%	48,723	13.0%	-1.443	-0.044
Two or more moderate asthma exacerbations	2,180	1.0%	4,888	1.3%	-0.252	-0.023
No severe asthma exacerbations	206,875	99.5%	372,659	99.1%	0.377	0.046
One severe asthma exacerbation	954	0.5%	3,128	0.8%	-0.373	-0.047
Two or more severe asthma exacerbations	37	0.0%	82	0.0%	-0.004	-0.003
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	13,031	6.3%	20,608	5.5%	0.786	0.033
Antipsychotics	6,022	2.9%	11,755	3.1%	-0.230	-0.013
Anxiolytics Hypnotics	11,278	5.4%	17,578	4.7%	0.749	0.034
Lithium Other Mood Stabilizers	4,718	2.3%	9,029	2.4%	-0.132	-0.009
Antidepressants	21,173	10.2%	35,074	9.3%	0.854	0.029



**Table 1bo. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.5	8.1	6.6	8.5	-0.046	-0.005
Mean number of emergency room encounters	0.4	1.0	0.4	1.0	-0.036	-0.036
Mean number of inpatient hospital encounters	0.0	0.3	0.0	0.3	-0.008	-0.028
Mean number of other ambulatory encounters	2.3	10.3	2.9	12.8	-0.673	-0.058
Mean number of filled prescriptions	7.5	7.1	7.4	7.4	0.051	0.007
Mean number of generics dispensed	4.9	3.1	4.7	2.9	0.256	0.084
Mean number of unique drug classes dispensed	4.8	2.8	4.6	2.7	0.153	0.055
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.2	-0.006	-0.038
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.008	-0.022
<b>Mean number of outpatient visits for respiratory disorders</b>	<b>1.8</b>	<b>2.9</b>	<b>1.5</b>	<b>2.5</b>	<b>0.356</b>	<b>0.133</b>

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

**Table 1bp. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	207,822	N/A	201,192	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	15.6	4.0	15.5	4.0	0.080	0.020
	Number	Percent	Number	Percent		
10-24 years	207,822	100.0%	201,192	100.0%	0.000	NaN
25-54 years	0	0.0%	0	0.0%	NaN	NaN
≥ 55 years	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	103,172	49.6%	99,420	49.4%	0.229	0.005
Male	104,650	50.4%	101,772	50.6%	-0.229	-0.005
Race <sup>3</sup>						
American Indian or Alaska Native	1,875	0.9%	1,742	0.9%	0.036	0.004
Asian	3,222	1.6%	3,945	2.0%	-0.411	-0.031
Black or African American	30,296	14.6%	27,425	13.6%	0.947	0.029
Multi-racial	448	0.2%	390	0.2%	0.022	0.005
Native Hawaiian or Other Pacific Islander	381	0.2%	763	0.4%	-0.196	-0.037
Unknown	133,722	64.3%	132,367	65.8%	-1.447	-0.036
White	37,878	18.2%	34,560	17.2%	1.049	0.029
Hispanic origin						
Yes	36,005	17.3%	37,492	18.6%	-1.310	-0.037
No	71,473	34.4%	66,182	32.9%	1.496	0.039
Unknown	100,344	48.3%	97,517	48.5%	-0.186	-0.007
Year						
2015	9,715	4.7%	9,625	4.8%	-0.109	-0.005
2016	48,695	23.4%	47,580	23.6%	-0.218	-0.005

**Table 1bp. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	59,932	28.8%	58,260	29.0%	-0.119	-0.003
2018	54,084	26.0%	51,662	25.7%	0.346	0.008
2019	13,500	16.1%	12,790	15.8%	0.289	0.008
2020	9,701	11.6%	9,450	11.7%	-0.112	-0.003
2021	8,744	10.4%	8,489	10.5%	-0.066	-0.002
2022	3,451	4.1%	3,336	4.1%	-0.008	-0.000
Pre-boxed warning	187,833	90.4%	181,766	90.3%	0.037	0.001
Post-boxed warning	19,989	9.6%	19,427	9.7%	-0.037	-0.001
Seasonality						
Winter	43,709	21.0%	42,880	21.3%	-0.281	-0.007
Spring	54,405	26.2%	51,246	25.5%	0.708	0.016
Summer	50,037	24.1%	48,372	24.0%	0.034	0.001
Autumn	59,671	28.7%	58,695	29.2%	-0.461	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.2	0.5	1.2	0.5	-0.001	-0.001
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	68,549	33.0%	65,949	32.8%	0.206	0.004
Psychiatric Drug Dispensings <sup>5</sup>	43,086	20.7%	40,578	20.2%	0.563	0.014
Self Harm Encounter <sup>5</sup>	550	0.3%	540	0.3%	-0.004	-0.001
Encounter for Other Psychiatric Event <sup>5</sup>	60,144	28.9%	57,626	28.6%	0.298	0.007
Asthma Severity						
Asthma Emergency Encounter	24,063	11.6%	23,267	11.6%	0.014	0.000
Asthma Inpatient Encounter	413	0.2%	437	0.2%	-0.019	-0.004
Asthma Outpatient Encounter	199,747	96.1%	193,929	96.4%	-0.275	-0.015
Oral Corticosteroid Dispensing	42,343	20.4%	41,030	20.4%	-0.019	-0.000

**Table 1bp. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	156,981	75.5%	155,496	77.3%	-1.751	-0.042
Allergic Rhinitis	92,301	44.4%	84,939	42.2%	2.196	0.045
Anxiety	20,683	10.0%	19,865	9.9%	0.079	0.003
Depression	15,548	7.5%	14,960	7.4%	0.046	0.002
Sleep Disorder	6,778	3.3%	6,359	3.2%	0.101	0.006
Substance Abuse	2,840	1.4%	2,833	1.4%	-0.041	-0.004
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	545	0.3%	597	0.3%	-0.034	-0.007
Suffocation	17	0.0%	11	0.0%	0.003	0.003
Suicide Attempt	288	0.1%	307	0.2%	-0.014	-0.004
Toxicity	57	0.0%	62	0.0%	-0.003	-0.002
Other Self Harm	157	0.1%	154	0.1%	-0.001	-0.000
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	181,701	87.4%	174,396	86.7%	0.750	0.022
One moderate asthma exacerbation	23,942	11.5%	24,287	12.1%	-0.551	-0.017
Two or more moderate asthma exacerbations	2,179	1.0%	2,509	1.2%	-0.199	-0.019
No severe asthma exacerbations	206,832	99.5%	200,111	99.5%	0.061	0.009
One severe asthma exacerbation	954	0.5%	1,040	0.5%	-0.058	-0.008
Two or more severe asthma exacerbations	36	0.0%	40	0.0%	-0.003	-0.002
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	13,021	6.3%	12,360	6.1%	0.122	0.005
Antipsychotics	6,014	2.9%	5,945	3.0%	-0.061	-0.004
Anxiolytics Hypnotics	11,265	5.4%	10,555	5.2%	0.174	0.008
Lithium Other Mood Stabilizers	4,711	2.3%	4,602	2.3%	-0.020	-0.001
Antidepressants	21,153	10.2%	20,142	10.0%	0.167	0.006

**Table 1bp. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 Years**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.5	8.1	6.6	7.8	-0.006	-0.001
Mean number of emergency room encounters	0.4	1.0	0.4	1.0	-0.002	-0.002
Mean number of inpatient hospital encounters	0.0	0.3	0.0	0.3	-0.002	-0.007
Mean number of other ambulatory encounters	2.3	10.3	2.6	11.6	-0.350	-0.032
Mean number of filled prescriptions	7.5	7.1	7.5	7.1	0.013	0.002
Mean number of generics dispensed	4.9	3.1	4.9	3.2	0.051	0.016
Mean number of unique drug classes dispensed	4.8	2.8	4.7	2.9	0.037	0.013
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.001	-0.008
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	1.8	2.9	1.8	2.8	0.043	0.015

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

**Table 1bq. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	257,136	100.0%	294,422	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	40.4	8.4	39.8	8.5	0.512	0.061
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	257,136	100.0%	294,422	100.0%	0.000	NaN
≥ 55	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	181,358	70.5%	203,714	69.2%	1.339	0.029
Male	75,778	29.5%	90,708	30.8%	-1.339	-0.029
Race <sup>2</sup>						
American Indian or Alaska Native	1,423	0.6%	2,696	0.9%	-0.362	-0.042
Asian	4,290	1.7%	5,838	2.0%	-0.314	-0.023
Black or African American	24,388	9.5%	36,234	12.3%	-2.822	-0.091
Multi-racial	1,158	0.5%	1,019	0.3%	0.104	0.017
Native Hawaiian or Other Pacific Islander	405	0.2%	1,086	0.4%	-0.211	-0.041
Unknown	171,010	66.5%	167,552	56.9%	9.597	0.198
White	54,462	21.2%	79,997	27.2%	-5.991	-0.140
Hispanic origin						
Yes	17,129	6.7%	28,465	9.7%	-3.007	-0.110
No	74,381	28.9%	116,553	39.6%	-10.660	-0.226
Unknown	165,626	64.4%	149,404	50.7%	13.667	0.279
Year						
2015	9,809	3.8%	14,029	4.8%	-0.950	-0.047
2016	48,277	18.8%	64,371	21.9%	-3.089	-0.077

**Table 1bq. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	55,354	21.5%	75,782	25.7%	-4.212	-0.099
2018	53,238	20.7%	65,902	22.4%	-1.679	-0.041
2019	29,853	15.4%	22,844	13.4%	2.047	0.058
2020	28,162	14.6%	23,748	13.9%	0.643	0.018
2021	23,588	12.2%	19,833	11.6%	0.573	0.018
2022	8,855	4.6%	7,913	4.6%	-0.059	-0.003
Pre-boxed warning	201,267	78.3%	246,921	83.9%	-5.594	-0.143
Post-boxed warning	55,869	21.7%	47,501	16.1%	5.594	0.143
Seasonality						
Winter	59,054	23.0%	75,123	25.5%	-2.549	-0.060
Spring	75,199	29.2%	68,651	23.3%	5.928	0.135
Summer	55,310	21.5%	61,599	20.9%	0.588	0.014
Autumn	67,573	26.3%	89,049	30.2%	-3.966	-0.088
Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.4	1.1	1.5	1.2	-0.053	-0.046
	Number	Percent	Number	Percent		
Psychiatric History	143,341	55.7%	168,135	57.1%	-1.362	-0.027
Psychiatric Drug Dispensings <sup>4</sup>	107,777	41.9%	126,176	42.9%	-0.941	-0.019
Self Harm Encounter <sup>4</sup>	697	0.3%	1,133	0.4%	-0.114	-0.020
Encounter for Other Psychiatric Event <sup>4</sup>	120,688	46.9%	142,464	48.4%	-1.452	-0.029
Asthma Severity						
Asthma Emergency Encounter	31,691	12.3%	43,028	14.6%	-2.290	-0.067
Asthma Inpatient Encounter	937	0.4%	1,019	0.3%	0.018	0.003
Asthma Outpatient Encounter	245,683	95.5%	281,156	95.5%	0.052	0.002
Oral Corticosteroid Dispensing	78,190	30.4%	85,969	29.2%	1.209	0.026
Use of Other Asthma Medication	171,152	66.6%	237,349	80.6%	-14.054	-0.323

**Table 1bq. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Allergic Rhinitis	109,242	42.5%	59,264	20.1%	22.355	0.497
Anxiety	60,543	23.5%	68,536	23.3%	0.267	0.006
Depression	43,802	17.0%	53,481	18.2%	-1.130	-0.030
Sleep Disorder	38,542	15.0%	36,500	12.4%	2.592	0.075
Substance Abuse	13,259	5.2%	24,365	8.3%	-3.119	-0.125
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	631	0.2%	1,106	0.4%	-0.130	-0.023
Suffocation	*****	0.0%	18	0.0%	-0.001	-0.002
Suicide Attempt	364	0.1%	556	0.2%	-0.047	-0.012
Toxicity	68	0.0%	127	0.0%	-0.017	-0.009
Other Self Harm	193	0.1%	290	0.1%	-0.023	-0.008
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	215,236	83.7%	243,190	82.6%	1.106	0.030
One moderate asthma exacerbation	36,784	14.3%	44,977	15.3%	-0.971	-0.027
Two or more moderate asthma exacerbations	5,116	2.0%	6,255	2.1%	-0.135	-0.010
No severe asthma exacerbations	254,830	99.1%	291,423	99.0%	0.122	0.013
One severe asthma exacerbation	2,180	0.8%	2,893	1.0%	-0.135	-0.014
Two or more severe asthma exacerbations	126	0.0%	106	0.0%	0.013	0.006
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	60,020	23.3%	72,967	24.8%	-1.441	-0.034
Antipsychotics	17,884	7.0%	28,580	9.7%	-2.752	-0.100
Anxiolytics Hypnotics	56,405	21.9%	63,986	21.7%	0.203	0.005
Lithium Other Mood Stabilizers	20,505	8.0%	27,553	9.4%	-1.384	-0.049
Antidepressants	78,747	30.6%	94,171	32.0%	-1.360	-0.029



**Table 1bq. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	9.6	11.2	10.1	12.5	-0.445	-0.037
Mean number of emergency room encounters	0.6	1.5	0.7	1.8	-0.158	-0.095
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.015	-0.035
Mean number of other ambulatory encounters	2.6	9.4	3.6	12.4	-0.938	-0.085
Mean number of filled prescriptions	15.7	15.1	16.7	16.5	-1.055	-0.067
Mean number of generics dispensed	7.9	5.1	7.9	5.1	0.044	0.009
Mean number of unique drug classes dispensed	7.5	4.6	7.5	4.6	-0.029	-0.006
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.3	-0.006	-0.024
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.2	0.5	-0.022	-0.043
<b>Mean number of outpatient visits for respiratory disorders</b>	<b>2.1</b>	<b>3.2</b>	<b>1.6</b>	<b>2.7</b>	<b>0.455</b>	<b>0.154</b>

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1br. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	257,098	N/A	247,509	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	40.3	8.4	40.4	8.5	-0.002	-0.000
	Number	Percent	Number	Percent		
10-24 years	0	0.0%	0	0.0%	NaN	NaN
25-54 years	257,098	100.0%	247,509	100.0%	0.000	NaN
≥ 55 years	0	0.0%	0	0.0%	NaN	NaN
Sex						
Female	181,325	70.5%	173,813	70.2%	0.303	0.007
Male	75,773	29.5%	73,697	29.8%	-0.303	-0.007
Race <sup>3</sup>						
American Indian or Alaska Native	1,423	0.6%	1,561	0.6%	-0.077	-0.010
Asian	4,290	1.7%	3,969	1.6%	0.065	0.005
Black or African American	24,380	9.5%	22,652	9.2%	0.331	0.012
Multi-racial	1,158	0.5%	1,153	0.5%	-0.016	-0.002
Native Hawaiian or Other Pacific Islander	405	0.2%	556	0.2%	-0.067	-0.015
Unknown	170,992	66.5%	164,596	66.5%	0.008	0.000
White	54,450	21.2%	53,022	21.4%	-0.243	-0.007
Hispanic origin						
Yes	17,124	6.7%	16,753	6.8%	-0.108	-0.005
No	74,363	28.9%	71,058	28.7%	0.215	0.008
Unknown	165,611	64.4%	159,698	64.5%	-0.106	-0.005
Year						
2015	9,809	3.8%	9,894	4.0%	-0.182	-0.009
2016	48,273	18.8%	47,145	19.0%	-0.271	-0.007

**Table 1br. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	55,347	21.5%	53,421	21.6%	-0.056	-0.001
2018	53,232	20.7%	50,603	20.4%	0.260	0.007
2019	29,841	15.4%	27,945	15.0%	0.409	0.011
2020	28,155	14.6%	27,181	14.6%	-0.052	-0.001
2021	23,586	12.2%	22,778	12.2%	-0.048	-0.001
2022	8,855	4.6%	8,542	4.6%	-0.012	-0.001
Pre-boxed warning	201,238	78.3%	193,525	78.2%	0.084	0.002
Post-boxed warning	55,860	21.7%	53,984	21.8%	-0.084	-0.002
Seasonality						
Winter	59,051	23.0%	57,806	23.4%	-0.387	-0.009
Spring	75,181	29.2%	70,197	28.4%	0.881	0.019
Summer	55,297	21.5%	53,051	21.4%	0.074	0.002
Autumn	67,569	26.3%	66,456	26.8%	-0.568	-0.013
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.4	1.1	1.4	1.1	-0.002	-0.001
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	143,306	55.7%	136,908	55.3%	0.425	0.009
Psychiatric Drug Dispensings <sup>5</sup>	107,748	41.9%	102,582	41.4%	0.463	0.010
Self Harm Encounter <sup>5</sup>	697	0.3%	631	0.3%	0.016	0.003
Encounter for Other Psychiatric Event <sup>5</sup>	120,657	46.9%	115,308	46.6%	0.343	0.007
Asthma Severity						
Asthma Emergency Encounter	31,673	12.3%	30,138	12.2%	0.143	0.004
Asthma Inpatient Encounter	937	0.4%	908	0.4%	-0.003	-0.000
Asthma Outpatient Encounter	245,663	95.6%	237,326	95.9%	-0.333	-0.017
Oral Corticosteroid Dispensing	78,166	30.4%	74,954	30.3%	0.120	0.003

**Table 1br. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	171,149	66.6%	169,930	68.7%	-2.086	-0.045
Allergic Rhinitis	109,207	42.5%	99,032	40.0%	2.466	0.051
Anxiety	60,522	23.5%	57,627	23.3%	0.258	0.006
Depression	43,785	17.0%	41,970	17.0%	0.073	0.002
Sleep Disorder	38,525	15.0%	36,165	14.6%	0.373	0.011
Substance Abuse	13,257	5.2%	13,037	5.3%	-0.111	-0.005
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	630	0.2%	642	0.3%	-0.014	-0.003
Suffocation	*****	0.0%	*****	0.0%	0.001	0.002
Suicide Attempt	364	0.1%	336	0.1%	0.006	0.002
Toxicity	67	0.0%	71	0.0%	-0.003	-0.002
Other Self Harm	193	0.1%	185	0.1%	0.000	0.000
Asthma Exacerbations						
No moderate asthma exacerbations	215,206	83.7%	205,659	83.1%	0.614	0.017
One moderate asthma exacerbation	36,777	14.3%	36,893	14.9%	-0.601	-0.017
Two or more moderate asthma exacerbations	5,115	2.0%	4,957	2.0%	-0.013	-0.001
No severe asthma exacerbations	254,792	99.1%	245,214	99.1%	0.030	0.003
One severe asthma exacerbation	2,180	0.8%	2,185	0.9%	-0.035	-0.004
Two or more severe asthma exacerbations	126	0.0%	111	0.0%	0.004	0.002
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	59,995	23.3%	56,905	23.0%	0.345	0.008
Antipsychotics	17,876	7.0%	17,399	7.0%	-0.077	-0.003
Anxiolytics Hypnotics	56,380	21.9%	53,575	21.6%	0.284	0.007
Lithium Other Mood Stabilizers	20,498	8.0%	19,771	8.0%	-0.015	-0.001
Antidepressants	78,728	30.6%	75,218	30.4%	0.232	0.005

**Table 1br. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	9.6	11.2	9.7	10.8	-0.085	-0.008
Mean number of emergency room encounters	0.6	1.5	0.6	1.5	-0.004	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of other ambulatory encounters	2.6	9.4	2.7	9.4	-0.090	-0.010
Mean number of filled prescriptions	15.7	15.1	15.6	15.0	0.066	0.004
Mean number of generics dispensed	7.9	5.1	7.8	5.2	0.093	0.018
Mean number of unique drug classes dispensed	7.5	4.5	7.4	4.6	0.072	0.016
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.003
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.1	0.5	-0.001	-0.002
Mean number of outpatient visits for respiratory disorders	2.1	3.1	2.1	3.1	0.009	0.003

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bs. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	287,228	100.0%	253,066	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	69.6	7.3	69.0	7.5	0.535	0.072
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	287,228	100.0%	253,066	100.0%	0.000	NaN
Sex						
Female	212,416	74.0%	180,941	71.5%	2.454	0.055
Male	74,812	26.0%	72,125	28.5%	-2.454	-0.055
Race <sup>2</sup>						
American Indian or Alaska Native	1,343	0.5%	1,533	0.6%	-0.138	-0.019
Asian	8,480	3.0%	6,062	2.4%	0.557	0.035
Black or African American	27,029	9.4%	22,157	8.8%	0.655	0.023
Multi-racial	306	0.1%	273	0.1%	-0.001	-0.000
Native Hawaiian or Other Pacific Islander	562	0.2%	509	0.2%	-0.005	-0.001
Unknown	73,839	25.7%	72,526	28.7%	-2.951	-0.066
White	175,669	61.2%	150,006	59.3%	1.885	0.039
Hispanic origin						
Yes	8,884	3.1%	10,042	4.0%	-0.875	-0.047
No	203,499	70.8%	172,272	68.1%	2.775	0.060
Unknown	74,845	26.1%	70,752	28.0%	-1.900	-0.043
Year						
2015	9,614	3.3%	12,650	5.0%	-1.652	-0.083
2016	45,009	15.7%	49,760	19.7%	-3.993	-0.105

**Table 1bs. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	48,768	17.0%	48,666	19.2%	-2.252	-0.059
2018	49,226	17.1%	43,809	17.3%	-0.173	-0.005
2019	47,409	17.1%	33,651	14.5%	2.586	0.071
2020	40,088	14.5%	30,351	13.1%	1.367	0.040
2021	37,111	13.4%	26,800	11.6%	1.826	0.055
2022	10,003	3.6%	7,379	3.2%	0.425	0.023
Pre-boxed warning	207,852	72.4%	194,322	76.8%	-4.422	-0.102
Post-boxed warning	79,376	27.6%	58,744	23.2%	4.422	0.102
Seasonality						
Winter	71,687	25.0%	68,179	26.9%	-1.983	-0.045
Spring	79,950	27.8%	59,300	23.4%	4.402	0.101
Summer	61,411	21.4%	52,837	20.9%	0.502	0.012
Autumn	74,180	25.8%	72,750	28.7%	-2.921	-0.066
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	2.0	2.0	2.0	2.1	0.004	0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	173,548	60.4%	147,710	58.4%	2.054	0.042
Psychiatric Drug Dispensings <sup>4</sup>	130,154	45.3%	111,691	44.1%	1.179	0.024
Self Harm Encounter <sup>4</sup>	147	0.1%	158	0.1%	-0.011	-0.005
Encounter for Other Psychiatric Event <sup>4</sup>	139,404	48.5%	117,427	46.4%	2.133	0.043
Asthma Severity						
Asthma Emergency Encounter	20,731	7.2%	20,129	8.0%	-0.736	-0.028
Asthma Inpatient Encounter	901	0.3%	739	0.3%	0.022	0.004
Asthma Outpatient Encounter	275,184	95.8%	243,315	96.1%	-0.340	-0.017
Oral Corticosteroid Dispensing	88,229	30.7%	69,296	27.4%	3.335	0.074

**Table 1bs. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	137,286	47.8%	163,077	64.4%	-16.644	-0.340
Allergic Rhinitis	122,760	42.7%	57,425	22.7%	20.048	0.437
Anxiety	55,389	19.3%	44,948	17.8%	1.523	0.039
Depression	51,063	17.8%	44,708	17.7%	0.111	0.003
Sleep Disorder	70,159	24.4%	54,115	21.4%	3.042	0.072
Substance Abuse	8,355	2.9%	8,798	3.5%	-0.568	-0.032
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	142	0.0%	168	0.1%	-0.017	-0.007
Suffocation	*****	0.0%	0	0.0%	NaN	NaN
Suicide Attempt	80	0.0%	73	0.0%	-0.001	-0.001
Toxicity	31	0.0%	23	0.0%	0.002	0.002
Other Self Harm	36	0.0%	35	0.0%	-0.001	-0.001
Asthma Exacerbations						
No moderate asthma exacerbations	239,143	83.3%	213,809	84.5%	-1.229	-0.033
One moderate asthma exacerbation	41,514	14.5%	34,419	13.6%	0.853	0.025
Two or more moderate asthma exacerbations	6,571	2.3%	4,838	1.9%	0.376	0.026
No severe asthma exacerbations	284,304	99.0%	250,294	98.9%	0.077	0.008
One severe asthma exacerbation	2,838	1.0%	2,714	1.1%	-0.084	-0.008
Two or more severe asthma exacerbations	86	0.0%	58	0.0%	0.007	0.004
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	76,003	26.5%	64,357	25.4%	1.030	0.023
Antipsychotics	10,767	3.7%	11,998	4.7%	-0.992	-0.049
Anxiolytics Hypnotics	67,454	23.5%	55,381	21.9%	1.600	0.038
Lithium Other Mood Stabilizers	15,379	5.4%	15,000	5.9%	-0.573	-0.025
Antidepressants	96,624	33.6%	84,167	33.3%	0.381	0.008



**Table 1bs. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.3	12.3	12.7	12.4	0.533	0.043
Mean number of emergency room encounters	0.3	0.9	0.4	1.0	-0.024	-0.026
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.006	-0.015
Mean number of other ambulatory encounters	3.0	7.8	3.5	10.3	-0.471	-0.052
Mean number of filled prescriptions	19.8	15.5	20.5	16.7	-0.726	-0.045
Mean number of generics dispensed	9.7	5.1	9.3	5.0	0.368	0.073
Mean number of unique drug classes dispensed	9.2	4.6	9.0	4.5	0.222	0.049
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.006	-0.019
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.006	-0.014
Mean number of outpatient visits for respiratory disorders	2.7	3.7	2.2	3.3	0.550	0.157

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bt. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	287,144	N/A	275,968	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	69.6	7.3	69.6	7.4	-0.017	-0.002
	Number	Percent	Number	Percent		
10-24	0	0.0%	0	0.0%	NaN	NaN
25-54	0	0.0%	0	0.0%	NaN	NaN
≥ 55	287,144	100.0%	275,968	100.0%	0.000	NaN
Sex						
Female	212,348	74.0%	203,283	73.7%	0.290	0.007
Male	74,796	26.0%	72,685	26.3%	-0.290	-0.007
Race <sup>3</sup>						
American Indian or Alaska Native	1,343	0.5%	1,425	0.5%	-0.048	-0.007
Asian	8,475	3.0%	5,678	2.1%	0.894	0.058
Black or African American	27,010	9.4%	21,913	7.9%	1.466	0.053
Multi-racial	305	0.1%	315	0.1%	-0.008	-0.002
Native Hawaiian or Other Pacific Islander	562	0.2%	481	0.2%	0.021	0.005
Unknown	73,813	25.7%	71,612	25.9%	-0.243	-0.009
White	175,636	61.2%	174,544	63.2%	-2.081	-0.055
Hispanic origin						
Yes	8,876	3.1%	8,067	2.9%	0.168	0.010
No	203,448	70.9%	194,613	70.5%	0.332	0.014
Unknown	74,820	26.1%	73,288	26.6%	-0.500	-0.026
Year						
2015	9,613	3.3%	9,962	3.6%	-0.262	-0.014
2016	45,006	15.7%	44,874	16.3%	-0.587	-0.016

**Table 1bt. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	48,750	17.0%	47,454	17.2%	-0.218	-0.006
2018	49,202	17.1%	46,836	17.0%	0.163	0.004
2019	47,386	17.1%	44,022	16.6%	0.570	0.015
2020	40,082	14.5%	38,131	14.3%	0.146	0.004
2021	37,105	13.4%	35,213	13.2%	0.167	0.005
2022	10,000	3.6%	9,475	3.6%	0.051	0.003
Pre-boxed warning	207,782	72.4%	200,387	72.6%	-0.251	-0.006
Post-boxed warning	79,362	27.6%	75,581	27.4%	0.251	0.006
Seasonality						
Winter	71,676	25.0%	69,398	25.1%	-0.186	-0.004
Spring	79,909	27.8%	74,796	27.1%	0.726	0.016
Summer	61,388	21.4%	59,339	21.5%	-0.123	-0.003
Autumn	74,171	25.8%	72,435	26.2%	-0.417	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	2.0	2.0	2.0	2.0	0.000	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	173,477	60.4%	165,228	59.9%	0.543	0.011
Psychiatric Drug Dispensings <sup>5</sup>	130,087	45.3%	124,206	45.0%	0.296	0.006
Self Harm Encounter <sup>5</sup>	147	0.1%	131	0.0%	0.004	0.002
Encounter for Other Psychiatric Event <sup>5</sup>	139,348	48.5%	132,087	47.9%	0.666	0.013
Asthma Severity						
Asthma Emergency Encounter	20,723	7.2%	19,724	7.1%	0.070	0.003
Asthma Inpatient Encounter	898	0.3%	879	0.3%	-0.006	-0.001
Asthma Outpatient Encounter	275,111	95.8%	265,254	96.1%	-0.308	-0.016
Oral Corticosteroid Dispensing	88,179	30.7%	83,212	30.2%	0.556	0.012

**Table 1bt. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	137,269	47.8%	136,575	49.5%	-1.684	-0.034
Allergic Rhinitis	122,683	42.7%	110,480	40.0%	2.692	0.055
Anxiety	55,351	19.3%	52,304	19.0%	0.323	0.008
Depression	51,035	17.8%	48,396	17.5%	0.236	0.006
Sleep Disorder	70,131	24.4%	66,019	23.9%	0.501	0.012
Substance Abuse	8,347	2.9%	7,886	2.9%	0.049	0.003
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	142	0.0%	131	0.0%	0.002	0.001
Suffocation	*****	0.0%	0	0.0%	NaN	NaN
Suicide Attempt	80	0.0%	59	0.0%	0.006	0.004
Toxicity	31	0.0%	17	0.0%	0.005	0.005
Other Self Harm	36	0.0%	28	0.0%	0.002	0.002
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	239,080	83.3%	230,505	83.5%	-0.265	-0.007
One moderate asthma exacerbation	41,496	14.5%	39,602	14.4%	0.101	0.003
Two or more moderate asthma exacerbations	6,568	2.3%	5,861	2.1%	0.164	0.011
No severe asthma exacerbations	284,225	99.0%	273,105	99.0%	0.021	0.002
One severe asthma exacerbation	2,836	1.0%	2,787	1.0%	-0.022	-0.002
Two or more severe asthma exacerbations	83	0.0%	76	0.0%	0.001	0.001
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	75,951	26.5%	71,700	26.0%	0.469	0.011
Antipsychotics	10,759	3.7%	10,510	3.8%	-0.062	-0.003
Anxiolytics Hypnotics	67,400	23.5%	64,006	23.2%	0.279	0.007
Lithium Other Mood Stabilizers	15,368	5.4%	14,964	5.4%	-0.070	-0.003
Antidepressants	96,581	33.6%	92,016	33.3%	0.292	0.006

**Table 1bt. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 Years**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.3	12.3	13.3	11.7	-0.044	-0.004
Mean number of emergency room encounters	0.3	0.9	0.3	0.9	0.001	0.001
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.000
Mean number of other ambulatory encounters	3.0	7.8	3.1	8.1	-0.043	-0.005
Mean number of filled prescriptions	19.8	15.5	19.8	15.3	-0.022	-0.001
Mean number of generics dispensed	9.7	5.1	9.6	5.2	0.092	0.018
Mean number of unique drug classes dispensed	9.2	4.6	9.1	4.6	0.070	0.015
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.001	-0.003
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.7	3.7	2.7	3.8	0.022	0.006

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bu. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	366,756	100.0%	484,391	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	39.7	15.7	32.9	15.9	6.757	0.429
	Number	Percent	Number	Percent		
10-24	139,281	38.0%	252,748	52.2%	-14.202	-0.288
25-54	113,795	31.0%	126,287	26.1%	4.956	0.110
≥ 55	113,680	31.0%	105,356	21.8%	9.246	0.211
Sex						
Female	219,961	60.0%	273,753	56.5%	3.460	0.070
Male	146,795	40.0%	210,638	43.5%	-3.460	-0.070
Race <sup>2</sup>						
American Indian or Alaska Native	2,125	0.6%	3,847	0.8%	-0.215	-0.026
Asian	10,460	2.9%	13,781	2.8%	0.007	0.000
Black or African American	40,995	11.2%	63,077	13.0%	-1.844	-0.057
Multi-racial	1,061	0.3%	1,120	0.2%	0.058	0.011
Native Hawaiian or Other Pacific Islander	795	0.2%	2,164	0.4%	-0.230	-0.040
Unknown	213,063	58.1%	282,638	58.3%	-0.255	-0.005
White	98,257	26.8%	117,764	24.3%	2.479	0.057
Hispanic origin						
Yes	38,389	10.5%	73,527	15.2%	-4.712	-0.141
No	141,924	38.7%	189,967	39.2%	-0.521	-0.011
Unknown	186,443	50.8%	220,897	45.6%	5.233	0.105
Year						
2015	15,456	4.2%	25,241	5.2%	-0.997	-0.047
2016	73,028	19.9%	113,667	23.5%	-3.554	-0.086

**Table 1bu. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	84,999	23.2%	130,717	27.0%	-3.810	-0.088
2018	79,850	21.8%	108,392	22.4%	-0.605	-0.015
2019	40,339	16.1%	35,999	14.0%	2.052	0.057
2020	34,053	13.6%	32,400	12.6%	0.950	0.028
2021	29,079	11.6%	27,760	10.8%	0.775	0.025
2022	9,952	4.0%	10,215	4.0%	-0.013	-0.001
Pre-boxed warning	300,131	81.8%	420,266	86.8%	-4.928	-0.136
Post-boxed warning	66,625	18.2%	64,125	13.2%	4.928	0.136
Seasonality						
Winter	84,483	23.0%	122,437	25.3%	-2.241	-0.052
Spring	101,542	27.7%	107,562	22.2%	5.481	0.127
Summer	81,177	22.1%	103,540	21.4%	0.758	0.018
Autumn	99,554	27.1%	150,852	31.1%	-3.998	-0.088
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.2	1.0	1.1	0.8	0.030	0.033
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	0	0.0%	0	0.0%	NaN	NaN
Psychiatric Drug Dispensings <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Self Harm Encounter <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Encounter for Other Psychiatric Event <sup>4</sup>	0	0.0%	0	0.0%	NaN	NaN
Asthma Severity						
Asthma Emergency Encounter	29,345	8.0%	48,926	10.1%	-2.099	-0.073
Asthma Inpatient Encounter	762	0.2%	1,157	0.2%	-0.031	-0.007
Asthma Outpatient Encounter	356,966	97.3%	472,199	97.5%	-0.152	-0.010
Oral Corticosteroid Dispensing	86,673	23.6%	108,718	22.4%	1.188	0.028

**Table 1bu. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	240,264	65.5%	387,216	79.9%	-14.428	-0.328
Allergic Rhinitis	159,611	43.5%	118,967	24.6%	18.960	0.408
Anxiety	0	0.0%	0	0.0%	NaN	NaN
Depression	0	0.0%	0	0.0%	NaN	NaN
Sleep Disorder	0	0.0%	0	0.0%	NaN	NaN
Substance Abuse	0	0.0%	0	0.0%	NaN	NaN
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	182	0.0%	337	0.1%	-0.020	-0.008
Suffocation	*****	0.0%	*****	0.0%	-0.000	-0.001
Suicide Attempt	95	0.0%	152	0.0%	-0.005	-0.003
Toxicity	19	0.0%	26	0.0%	-0.000	-0.000
Other Self Harm	46	0.0%	60	0.0%	0.000	0.000
Asthma Exacerbations						
No moderate asthma exacerbations	315,935	86.1%	412,779	85.2%	0.927	0.026
One moderate asthma exacerbation	45,527	12.4%	64,410	13.3%	-0.884	-0.026
Two or more moderate asthma exacerbations	5,294	1.4%	7,202	1.5%	-0.043	-0.004
No severe asthma exacerbations	365,007	99.5%	481,260	99.4%	0.169	0.023
One severe asthma exacerbation	1,706	0.5%	3,089	0.6%	-0.173	-0.023
Two or more severe asthma exacerbations	43	0.0%	42	0.0%	0.003	0.003
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	38,221	10.4%	42,767	8.8%	1.592	0.054
Antipsychotics	0	0.0%	0	0.0%	NaN	NaN
Anxiolytics Hypnotics	0	0.0%	0	0.0%	NaN	NaN
Lithium Other Mood Stabilizers	0	0.0%	0	0.0%	NaN	NaN
Antidepressants	78	0.0%	129	0.0%	-0.005	-0.003



**Table 1bu. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.7	7.3	5.9	6.6	0.797	0.114
Mean number of emergency room encounters	0.3	0.7	0.3	0.8	-0.053	-0.072
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.2	-0.000	-0.001
Mean number of other ambulatory encounters	1.2	4.3	1.3	5.0	-0.049	-0.010
Mean number of filled prescriptions	9.0	8.2	8.1	7.6	0.915	0.116
Mean number of generics dispensed	5.6	3.4	5.0	3.1	0.589	0.183
Mean number of unique drug classes dispensed	5.3	3.1	4.9	2.8	0.472	0.160
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.001	-0.005
Mean number of emergency department visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.013	-0.038
Mean number of outpatient visits for respiratory disorders	2.0	3.0	1.5	2.6	0.451	0.160

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1bv. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	366,686	N/A	354,802	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	39.7	15.7	39.5	16.8	0.175	0.011
	Number	Percent	Number	Percent		
10-24	139,278	38.0%	143,485	40.4%	-2.458	-0.059
25-54	113,786	31.0%	96,077	27.1%	3.952	0.092
≥ 55	113,622	31.0%	115,240	32.5%	-1.494	-0.046
Sex						
Female	219,913	60.0%	211,219	59.5%	0.441	0.009
Male	146,773	40.0%	143,583	40.5%	-0.441	-0.009
Race <sup>3</sup>						
American Indian or Alaska Native	2,125	0.6%	2,214	0.6%	-0.045	-0.006
Asian	10,453	2.9%	8,979	2.5%	0.320	0.020
Black or African American	40,984	11.2%	35,872	10.1%	1.066	0.036
Multi-racial	1,061	0.3%	949	0.3%	0.022	0.004
Native Hawaiian or Other Pacific Islander	794	0.2%	1,175	0.3%	-0.115	-0.022
Unknown	213,037	58.1%	208,425	58.7%	-0.646	-0.018
White	98,232	26.8%	97,187	27.4%	-0.603	-0.017
Hispanic origin						
Yes	38,379	10.5%	38,852	11.0%	-0.484	-0.017
No	141,884	38.7%	134,847	38.0%	0.687	0.021
Unknown	186,423	50.8%	181,103	51.0%	-0.204	-0.008
Year						
2015	15,455	4.2%	15,582	4.4%	-0.177	-0.009
2016	73,020	19.9%	71,971	20.3%	-0.371	-0.009

**Table 1bv. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	84,989	23.2%	82,775	23.3%	-0.152	-0.004
2018	79,838	21.8%	76,338	21.5%	0.257	0.006
2019	40,321	16.1%	37,962	15.6%	0.416	0.011
2020	34,046	13.6%	32,836	13.5%	0.029	0.001
2021	29,066	11.6%	27,844	11.5%	0.103	0.003
2022	9,951	4.0%	9,494	3.9%	0.051	0.003
Pre-boxed warning	300,079	81.8%	290,733	81.9%	-0.107	-0.003
Post-boxed warning	66,607	18.2%	64,069	18.1%	0.107	0.003
Seasonality						
Winter	84,467	23.0%	82,701	23.3%	-0.274	-0.007
Spring	101,513	27.7%	95,640	27.0%	0.728	0.016
Summer	81,163	22.1%	78,589	22.2%	-0.016	-0.000
Autumn	99,543	27.1%	97,871	27.6%	-0.438	-0.010
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.2	1.0	1.2	1.0	-0.002	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	0	0.0%	0	0.0%	NaN	NaN
Psychiatric Drug Dispensings <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Self Harm Encounter <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Encounter for Other Psychiatric Event <sup>5</sup>	0	0.0%	0	0.0%	NaN	NaN
Asthma Severity						
Asthma Emergency Encounter	29,337	8.0%	28,511	8.0%	-0.035	-0.001
Asthma Inpatient Encounter	760	0.2%	742	0.2%	-0.002	-0.000
Asthma Outpatient Encounter	356,905	97.3%	345,906	97.5%	-0.160	-0.010
Oral Corticosteroid Dispensing	86,635	23.6%	82,937	23.4%	0.251	0.006

**Table 1bv. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	240,244	65.5%	238,054	67.1%	-1.577	-0.035
Allergic Rhinitis	159,549	43.5%	146,303	41.2%	2.276	0.046
Anxiety	0	0.0%	0	0.0%	NaN	NaN
Depression	0	0.0%	0	0.0%	NaN	NaN
Sleep Disorder	0	0.0%	0	0.0%	NaN	NaN
Substance Abuse	0	0.0%	0	0.0%	NaN	NaN
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	182	0.0%	190	0.1%	-0.004	-0.002
Suffocation	*****	0.0%	*****	0.0%	-0.000	-0.000
Suicide Attempt	95	0.0%	83	0.0%	0.002	0.002
Toxicity	19	0.0%	15	0.0%	0.001	0.001
Other Self Harm	46	0.0%	34	0.0%	0.003	0.003
Asthma Exacerbations						
No moderate asthma exacerbations	315,886	86.1%	303,776	85.6%	0.528	0.015
One moderate asthma exacerbation	45,509	12.4%	45,704	12.9%	-0.471	-0.014
Two or more moderate asthma exacerbations	5,291	1.4%	5,323	1.5%	-0.057	-0.005
No severe asthma exacerbations	364,941	99.5%	353,047	99.5%	0.019	0.003
One severe asthma exacerbation	1,706	0.5%	1,721	0.5%	-0.020	-0.003
Two or more severe asthma exacerbations	39	0.0%	34	0.0%	0.001	0.001
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	38,192	10.4%	36,427	10.3%	0.149	0.005
Antipsychotics	0	0.0%	0	0.0%	NaN	NaN
Anxiolytics Hypnotics	0	0.0%	0	0.0%	NaN	NaN
Lithium Other Mood Stabilizers	0	0.0%	0	0.0%	NaN	NaN
Antidepressants	76	0.0%	69	0.0%	0.001	0.001

**Table 1bv. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	6.7	7.3	6.7	6.9	-0.001	-0.000
Mean number of emergency room encounters	0.3	0.7	0.3	0.7	-0.001	-0.001
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.2	-0.000	-0.001
Mean number of other ambulatory encounters	1.2	4.3	1.3	4.4	-0.041	-0.009
Mean number of filled prescriptions	9.0	8.1	8.9	7.9	0.065	0.008
Mean number of generics dispensed	5.6	3.4	5.5	3.4	0.076	0.022
Mean number of unique drug classes dispensed	5.3	3.1	5.3	3.1	0.061	0.020
Mean number of inpatient visits for respiratory disorders	0.0	0.1	0.0	0.1	-0.000	-0.002
Mean number of emergency department visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.0	3.0	1.9	3.0	0.026	0.009

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bw. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	385,474	100.0%	438,966	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	49.4	15.5	43.0	16.6	6.402	0.399
	Number	Percent	Number	Percent		
10-24	68,585	17.8%	123,121	28.0%	-10.256	-0.246
25-54	143,341	37.2%	168,135	38.3%	-1.117	-0.023
≥ 55	173,548	45.0%	147,710	33.6%	11.372	0.234
Sex						
Female	277,016	71.9%	294,831	67.2%	4.699	0.102
Male	108,458	28.1%	144,135	32.8%	-4.699	-0.102
Race <sup>2</sup>						
American Indian or Alaska Native	2,516	0.7%	4,047	0.9%	-0.269	-0.030
Asian	5,532	1.4%	5,900	1.3%	0.091	0.008
Black or African American	40,721	10.6%	53,690	12.2%	-1.667	-0.052
Multi-racial	851	0.2%	848	0.2%	0.028	0.006
Native Hawaiian or Other Pacific Islander	553	0.1%	1,071	0.2%	-0.101	-0.023
Unknown	165,544	42.9%	190,898	43.5%	-0.543	-0.011
White	169,757	44.0%	182,512	41.6%	2.461	0.050
Hispanic origin						
Yes	23,630	6.1%	40,953	9.3%	-3.199	-0.120
No	207,436	53.8%	236,965	54.0%	-0.169	-0.003
Unknown	154,408	40.1%	161,048	36.7%	3.369	0.069
Year						
2015	13,684	3.5%	21,445	4.9%	-1.335	-0.066
2016	68,958	17.9%	96,341	21.9%	-4.058	-0.102

**Table 1bw. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	79,065	20.5%	107,580	24.5%	-3.996	-0.096
2018	76,708	19.9%	94,003	21.4%	-1.515	-0.037
2019	50,432	16.6%	38,738	14.3%	2.344	0.065
2020	43,904	14.5%	36,660	13.5%	0.957	0.028
2021	40,366	13.3%	33,298	12.3%	1.030	0.031
2022	12,357	4.1%	10,901	4.0%	0.054	0.003
Pre-boxed warning	296,859	77.0%	364,733	83.1%	-6.078	-0.153
Post-boxed warning	88,615	23.0%	74,233	16.9%	6.078	0.153
Seasonality						
Winter	89,972	23.3%	110,212	25.1%	-1.767	-0.041
Spring	108,041	28.0%	99,094	22.6%	5.454	0.126
Summer	85,587	22.2%	95,510	21.8%	0.445	0.011
Autumn	101,874	26.4%	134,150	30.6%	-4.132	-0.092
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.9	1.8	1.9	1.6	0.066	0.039
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,474	100.0%	438,966	100.0%	0.000	NaN
Psychiatric Drug Dispensings <sup>4</sup>	281,045	72.9%	312,136	71.1%	1.802	0.040
Self Harm Encounter <sup>4</sup>	1,394	0.4%	2,455	0.6%	-0.198	-0.029
Encounter for Other Psychiatric Event <sup>4</sup>	320,270	83.1%	369,493	84.2%	-1.089	-0.029
Asthma Severity						
Asthma Emergency Encounter	47,151	12.2%	61,564	14.0%	-1.793	-0.053
Asthma Inpatient Encounter	1,489	0.4%	1,748	0.4%	-0.012	-0.002
Asthma Outpatient Encounter	363,681	94.3%	416,091	94.8%	-0.442	-0.020
Oral Corticosteroid Dispensing	122,107	31.7%	125,095	28.5%	3.179	0.069
Use of Other Asthma Medication	225,167	58.4%	336,222	76.6%	-18.181	-0.396

**Table 1bw. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Allergic Rhinitis	164,732	42.7%	95,462	21.7%	20.988	0.461
Anxiety	136,634	35.4%	150,455	34.3%	1.171	0.025
Depression	110,424	28.6%	126,090	28.7%	-0.078	-0.002
Sleep Disorder	115,489	30.0%	101,040	23.0%	6.943	0.158
Substance Abuse	24,457	6.3%	39,317	9.0%	-2.612	-0.098
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,136	0.3%	2,133	0.5%	-0.191	-0.031
Suffocation	*****	0.0%	*****	0.0%	-0.002	-0.002
Suicide Attempt	637	0.2%	1,098	0.3%	-0.085	-0.019
Toxicity	137	0.0%	249	0.1%	-0.021	-0.010
Other Self Harm	340	0.1%	570	0.1%	-0.042	-0.013
Asthma Exacerbations						
No moderate asthma exacerbations	320,185	83.1%	366,478	83.5%	-0.424	-0.011
One moderate asthma exacerbation	56,716	14.7%	63,709	14.5%	0.200	0.006
Two or more moderate asthma exacerbations	8,573	2.2%	8,779	2.0%	0.224	0.016
No severe asthma exacerbations	381,002	98.8%	433,116	98.7%	0.173	0.016
One severe asthma exacerbation	4,266	1.1%	5,646	1.3%	-0.180	-0.017
Two or more severe asthma exacerbations	206	0.1%	204	0.0%	0.007	0.003
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	110,833	28.8%	115,165	26.2%	2.517	0.056
Antipsychotics	34,673	9.0%	52,333	11.9%	-2.927	-0.096
Anxiolytics Hypnotics	135,137	35.1%	136,945	31.2%	3.860	0.082
Lithium Other Mood Stabilizers	40,602	10.5%	51,582	11.8%	-1.218	-0.039
Antidepressants	196,466	51.0%	213,283	48.6%	2.380	0.048



**Table 1bw. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.5	12.9	13.2	13.8	0.236	0.018
Mean number of emergency room encounters	0.6	1.5	0.7	1.7	-0.128	-0.080
Mean number of inpatient hospital encounters	0.1	0.5	0.1	0.5	-0.008	-0.016
Mean number of other ambulatory encounters	4.1	11.8	5.5	16.2	-1.452	-0.102
Mean number of filled prescriptions	20.6	16.8	20.5	17.8	0.183	0.011
Mean number of generics dispensed	9.9	5.4	9.2	5.2	0.703	0.133
Mean number of unique drug classes dispensed	9.3	4.8	8.8	4.7	0.548	0.116
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.003	-0.010
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.2	0.5	-0.016	-0.033
Mean number of outpatient visits for respiratory disorders	2.5	3.5	1.9	3.0	0.603	0.185

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1bx. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	385,425	N/A	369,811	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	49.4	15.5	49.3	16.4	0.138	0.009
	Number	Percent	Number	Percent		
10-24	68,584	17.8%	72,762	19.7%	-1.881	-0.055
25-54	143,321	37.2%	127,026	34.3%	2.836	0.062
≥ 55	173,520	45.0%	170,022	46.0%	-0.955	-0.024
Sex						
Female	276,972	71.9%	264,456	71.5%	0.350	0.008
Male	108,453	28.1%	105,354	28.5%	-0.350	-0.008
Race <sup>3</sup>						
American Indian or Alaska Native	2,516	0.7%	2,519	0.7%	-0.028	-0.003
Asian	5,530	1.4%	4,531	1.2%	0.210	0.018
Black or African American	40,710	10.6%	36,082	9.8%	0.806	0.027
Multi-racial	851	0.2%	815	0.2%	0.000	0.000
Native Hawaiian or Other Pacific Islander	553	0.1%	626	0.2%	-0.026	-0.007
Unknown	165,527	42.9%	160,401	43.4%	-0.427	-0.013
White	169,738	44.0%	164,838	44.6%	-0.534	-0.014
Hispanic origin						
Yes	23,627	6.1%	23,383	6.3%	-0.193	-0.008
No	207,407	53.8%	197,205	53.3%	0.487	0.017
Unknown	154,391	40.1%	149,222	40.4%	-0.294	-0.013
Year						
2015	13,683	3.6%	13,932	3.8%	-0.217	-0.012
2016	68,954	17.9%	67,869	18.4%	-0.462	-0.012

**Table 1bx. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	79,058	20.5%	76,443	20.7%	-0.159	-0.004
2018	76,696	19.9%	72,842	19.7%	0.202	0.005
2019	50,418	16.6%	46,756	16.1%	0.528	0.014
2020	43,897	14.5%	41,723	14.4%	0.111	0.003
2021	40,362	13.3%	38,470	13.3%	0.065	0.002
2022	12,357	4.1%	11,777	4.1%	0.020	0.001
Pre-boxed warning	296,821	77.0%	285,298	77.1%	-0.136	-0.003
Post-boxed warning	88,604	23.0%	84,513	22.9%	0.136	0.003
Seasonality						
Winter	89,966	23.3%	87,281	23.6%	-0.259	-0.006
Spring	108,014	28.0%	100,760	27.2%	0.778	0.017
Summer	85,578	22.2%	82,227	22.2%	-0.031	-0.001
Autumn	101,867	26.4%	99,543	26.9%	-0.487	-0.011
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.9	1.8	1.9	1.7	-0.003	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	385,425	100.0%	369,811	100.0%	0.000	NaN
Psychiatric Drug Dispensings <sup>5</sup>	281,003	72.9%	269,059	72.8%	0.151	0.003
Self Harm Encounter <sup>5</sup>	1,394	0.4%	1,361	0.4%	-0.006	-0.001
Encounter for Other Psychiatric Event <sup>5</sup>	320,225	83.1%	306,597	82.9%	0.177	0.005
Asthma Severity						
Asthma Emergency Encounter	47,138	12.2%	44,814	12.1%	0.112	0.003
Asthma Inpatient Encounter	1,489	0.4%	1,492	0.4%	-0.017	-0.003
Asthma Outpatient Encounter	363,647	94.3%	350,445	94.8%	-0.414	-0.018
Oral Corticosteroid Dispensing	122,080	31.7%	115,713	31.3%	0.384	0.008

**Table 1bx. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	225,162	58.4%	223,882	60.5%	-2.121	-0.045
Allergic Rhinitis	164,688	42.7%	147,826	40.0%	2.755	0.056
Anxiety	136,604	35.4%	130,356	35.2%	0.193	0.004
Depression	110,400	28.6%	105,643	28.6%	0.077	0.002
Sleep Disorder	115,466	30.0%	109,056	29.5%	0.468	0.011
Substance Abuse	24,451	6.3%	23,727	6.4%	-0.072	-0.003
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	1,135	0.3%	1,218	0.3%	-0.035	-0.006
Suffocation	*****	0.0%	*****	0.0%	0.002	0.003
Suicide Attempt	637	0.2%	644	0.2%	-0.009	-0.002
Toxicity	136	0.0%	139	0.0%	-0.002	-0.001
Other Self Harm	340	0.1%	363	0.1%	-0.010	-0.003
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	320,144	83.1%	306,651	82.9%	0.141	0.004
One moderate asthma exacerbation	56,708	14.7%	55,212	14.9%	-0.217	-0.006
Two or more moderate asthma exacerbations	8,573	2.2%	7,948	2.1%	0.075	0.005
No severe asthma exacerbations	380,954	98.8%	365,309	98.8%	0.057	0.005
One severe asthma exacerbation	4,265	1.1%	4,301	1.2%	-0.056	-0.005
Two or more severe asthma exacerbations	206	0.1%	201	0.1%	-0.001	-0.000
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	110,804	28.7%	104,621	28.3%	0.458	0.010
Antipsychotics	34,667	9.0%	33,850	9.2%	-0.159	-0.006
Anxiolytics Hypnotics	135,104	35.1%	128,691	34.8%	0.254	0.005
Lithium Other Mood Stabilizers	40,594	10.5%	39,455	10.7%	-0.137	-0.004
Antidepressants	196,435	51.0%	187,926	50.8%	0.149	0.003

**Table 1bx. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	13.5	12.9	13.6	12.4	-0.101	-0.008
Mean number of emergency room encounters	0.6	1.5	0.6	1.5	-0.005	-0.003
Mean number of inpatient hospital encounters	0.1	0.5	0.1	0.5	-0.002	-0.003
Mean number of other ambulatory encounters	4.1	11.8	4.4	12.6	-0.285	-0.023
Mean number of filled prescriptions	20.6	16.8	20.7	16.5	-0.046	-0.003
Mean number of generics dispensed	9.9	5.4	9.8	5.4	0.081	0.015
Mean number of unique drug classes dispensed	9.3	4.8	9.2	4.8	0.057	0.012
Mean number of inpatient visits for respiratory disorders	0.1	0.3	0.1	0.3	-0.002	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.5	0.1	0.5	-0.001	-0.003
Mean number of outpatient visits for respiratory disorders	2.5	3.5	2.5	3.5	0.026	0.007

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1by. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Patient Characteristics <sup>1</sup>	Number	Percent	Number	Percent		
Unique patients	596,990	100.0%	784,999	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	42.6	15.8	36.0	16.4	6.539	0.406
	Number	Percent	Number	Percent		
10-24	187,871	31.5%	343,756	43.8%	-12.321	-0.256
25-54	201,267	33.7%	246,921	31.5%	2.259	0.048
≥ 55	207,852	34.8%	194,322	24.8%	10.062	0.221
Sex						
Female	390,634	65.4%	479,430	61.1%	4.360	0.091
Male	206,356	34.6%	305,569	38.9%	-4.360	-0.091
Race <sup>2</sup>						
American Indian or Alaska Native	4,135	0.7%	7,518	1.0%	-0.265	-0.029
Asian	13,699	2.3%	18,066	2.3%	-0.007	-0.000
Black or African American	71,428	12.0%	109,890	14.0%	-2.034	-0.061
Multi-racial	1,256	0.2%	1,185	0.2%	0.059	0.014
Native Hawaiian or Other Pacific Islander	1,168	0.2%	3,122	0.4%	-0.202	-0.037
Unknown	294,656	49.4%	389,087	49.6%	-0.208	-0.004
White	210,648	35.3%	256,131	32.6%	2.657	0.056
Hispanic origin						
Yes	58,337	9.8%	111,480	14.2%	-4.429	-0.137
No	287,383	48.1%	382,024	48.7%	-0.527	-0.011
Unknown	251,270	42.1%	291,495	37.1%	4.956	0.101
Year						
2015	29,140	4.9%	46,686	5.9%	-1.066	-0.047
2016	141,986	23.8%	210,008	26.8%	-2.969	-0.068

**Table 1by. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	164,064	27.5%	238,297	30.4%	-2.874	-0.063
2018	156,558	26.2%	202,395	25.8%	0.442	0.010
2019	90,771	22.8%	74,737	19.2%	3.566	0.088
2020	14,471	3.6%	12,876	3.3%	0.322	0.018
2021	0	0.0%	0	0.0%	NaN	NaN
2022	0	0.0%	0	0.0%	NaN	NaN
Pre-boxed warning	596,990	100.0%	784,999	100.0%	0.000	NaN
Post-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Seasonality						
Winter	138,406	23.2%	196,454	25.0%	-1.842	-0.043
Spring	158,758	26.6%	168,462	21.5%	5.133	0.120
Summer	132,488	22.2%	168,714	21.5%	0.700	0.017
Autumn	167,338	28.0%	251,369	32.0%	-3.991	-0.087
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.5	1.4	1.5	1.2	0.065	0.049
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	296,859	49.7%	364,733	46.5%	3.263	0.065
Psychiatric Drug Dispensings <sup>4</sup>	216,728	36.3%	258,762	33.0%	3.340	0.070
Self Harm Encounter <sup>4</sup>	1,227	0.2%	2,239	0.3%	-0.080	-0.016
Encounter for Other Psychiatric Event <sup>4</sup>	244,506	41.0%	305,675	38.9%	2.017	0.041
Asthma Severity						
Asthma Emergency Encounter	64,316	10.8%	98,902	12.6%	-1.826	-0.057
Asthma Inpatient Encounter	2,005	0.3%	2,707	0.3%	-0.009	-0.002
Asthma Outpatient Encounter	570,651	95.6%	753,867	96.0%	-0.446	-0.022
Oral Corticosteroid Dispensing	168,292	28.2%	200,637	25.6%	2.631	0.059

**Table 1by. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	379,039	63.5%	626,813	79.8%	-16.357	-0.369
Allergic Rhinitis	255,187	42.7%	178,386	22.7%	20.021	0.437
Anxiety	100,202	16.8%	119,297	15.2%	1.587	0.043
Depression	83,175	13.9%	103,037	13.1%	0.807	0.024
Sleep Disorder	83,138	13.9%	77,669	9.9%	4.032	0.125
Substance Abuse	19,266	3.2%	34,153	4.4%	-1.124	-0.059
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	1,163	0.2%	2,286	0.3%	-0.096	-0.020
Suffocation	*****	0.0%	*****	0.0%	-0.001	-0.002
Suicide Attempt	643	0.1%	1,134	0.1%	-0.037	-0.010
Toxicity	138	0.0%	255	0.0%	-0.009	-0.006
Other Self Harm	322	0.1%	544	0.1%	-0.015	-0.006
Asthma Exacerbations						
No moderate asthma exacerbations	500,038	83.8%	657,176	83.7%	0.043	0.001
One moderate asthma exacerbation	85,297	14.3%	113,517	14.5%	-0.173	-0.005
Two or more moderate asthma exacerbations	11,655	2.0%	14,306	1.8%	0.130	0.010
No severe asthma exacerbations	591,637	99.1%	776,884	99.0%	0.137	0.014
One severe asthma exacerbation	5,137	0.9%	7,895	1.0%	-0.145	-0.015
Two or more severe asthma exacerbations	216	0.0%	220	0.0%	0.008	0.005
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	121,052	20.3%	137,373	17.5%	2.777	0.071
Antipsychotics	27,907	4.7%	45,143	5.8%	-1.076	-0.048
Anxiolytics Hypnotics	104,857	17.6%	113,663	14.5%	3.085	0.084
Lithium Other Mood Stabilizers	32,398	5.4%	43,708	5.6%	-0.141	-0.006
Antidepressants	148,648	24.9%	173,833	22.1%	2.755	0.065



**Table 1by. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.0	10.9	9.3	11.2	0.773	0.070
Mean number of emergency room encounters	0.5	1.2	0.5	1.4	-0.077	-0.060
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of other ambulatory encounters	2.8	9.9	3.4	12.8	-0.695	-0.061
Mean number of filled prescriptions	15.0	14.4	13.9	14.6	1.015	0.070
Mean number of generics dispensed	7.8	4.9	7.0	4.6	0.793	0.167
Mean number of unique drug classes dispensed	7.3	4.4	6.7	4.2	0.639	0.149
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.000	-0.000
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.010	-0.024
Mean number of outpatient visits for respiratory disorders	2.3	3.3	1.7	2.7	0.587	0.195

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1bz. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	596,938	N/A	575,113	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	42.6	15.8	42.4	16.8	0.187	0.011
	Number	Percent	Number	Percent		
10-24	187,870	31.5%	193,058	33.6%	-2.097	-0.053
25-54	201,256	33.7%	175,542	30.5%	3.192	0.071
≥ 55	207,812	34.8%	206,513	35.9%	-1.095	-0.031
Sex						
Female	390,591	65.4%	373,616	65.0%	0.469	0.010
Male	206,347	34.6%	201,497	35.0%	-0.469	-0.010
Race <sup>3</sup>						
American Indian or Alaska Native	4,135	0.7%	4,323	0.8%	-0.059	-0.007
Asian	13,697	2.3%	11,627	2.0%	0.273	0.019
Black or African American	71,421	12.0%	63,873	11.1%	0.858	0.028
Multi-racial	1,256	0.2%	1,072	0.2%	0.024	0.005
Native Hawaiian or Other Pacific Islander	1,168	0.2%	1,649	0.3%	-0.091	-0.019
Unknown	294,639	49.4%	287,470	50.0%	-0.627	-0.018
White	210,622	35.3%	205,099	35.7%	-0.379	-0.010
Hispanic origin						
Yes	58,333	9.8%	58,982	10.3%	-0.484	-0.017
No	287,357	48.1%	273,172	47.5%	0.640	0.019
Unknown	251,248	42.1%	242,959	42.2%	-0.156	-0.006
Year						
2015	29,139	4.9%	29,441	5.1%	-0.238	-0.011
2016	141,981	23.8%	139,631	24.3%	-0.494	-0.012

**Table 1bz. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	164,055	27.5%	159,054	27.7%	-0.173	-0.004
2018	156,542	26.2%	149,035	25.9%	0.310	0.007
2019	90,751	22.7%	84,426	22.0%	0.719	0.017
2020	14,470	3.6%	13,525	3.5%	0.098	0.005
2021	0	0.0%	0	0.0%	NaN	NaN
2022	0	0.0%	0	0.0%	NaN	NaN
Pre-boxed warning	596,938	100.0%	575,113	100.0%	0.000	NaN
Post-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Seasonality						
Winter	138,398	23.2%	134,605	23.4%	-0.220	-0.005
Spring	158,733	26.6%	148,771	25.9%	0.723	0.016
Summer	132,477	22.2%	127,664	22.2%	-0.005	-0.000
Autumn	167,330	28.0%	164,073	28.5%	-0.497	-0.011
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.5	1.4	1.5	1.4	0.001	0.000
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	296,810	49.7%	283,103	49.2%	0.496	0.010
Psychiatric Drug Dispensings <sup>5</sup>	216,681	36.3%	206,042	35.8%	0.472	0.010
Self Harm Encounter <sup>5</sup>	1,227	0.2%	1,170	0.2%	0.002	0.000
Encounter for Other Psychiatric Event <sup>5</sup>	244,463	41.0%	232,800	40.5%	0.474	0.010
Asthma Severity						
Asthma Emergency Encounter	64,308	10.8%	61,696	10.7%	0.045	0.001
Asthma Inpatient Encounter	2,005	0.3%	1,987	0.3%	-0.010	-0.002
Asthma Outpatient Encounter	570,610	95.6%	551,501	95.9%	-0.305	-0.015
Oral Corticosteroid Dispensing	168,261	28.2%	159,905	27.8%	0.383	0.009

**Table 1bz. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	379,029	63.5%	376,376	65.4%	-1.948	-0.042
Allergic Rhinitis	255,141	42.7%	231,456	40.2%	2.496	0.051
Anxiety	100,168	16.8%	95,043	16.5%	0.254	0.007
Depression	83,153	13.9%	79,314	13.8%	0.139	0.004
Sleep Disorder	83,113	13.9%	77,880	13.5%	0.381	0.011
Substance Abuse	19,262	3.2%	18,963	3.3%	-0.070	-0.004
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	1,163	0.2%	1,240	0.2%	-0.021	-0.005
Suffocation	*****	0.0%	*****	0.0%	0.001	0.001
Suicide Attempt	643	0.1%	617	0.1%	0.000	0.000
Toxicity	138	0.0%	134	0.0%	-0.000	-0.000
Other Self Harm	322	0.1%	328	0.1%	-0.003	-0.001
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	499,995	83.8%	479,111	83.3%	0.453	0.012
One moderate asthma exacerbation	85,290	14.3%	84,730	14.7%	-0.445	-0.013
Two or more moderate asthma exacerbations	11,653	2.0%	11,272	2.0%	-0.008	-0.001
No severe asthma exacerbations	591,586	99.1%	569,745	99.1%	0.037	0.004
One severe asthma exacerbation	5,136	0.9%	5,160	0.9%	-0.037	-0.004
Two or more severe asthma exacerbations	216	0.0%	207	0.0%	0.000	0.000
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	121,020	20.3%	114,481	19.9%	0.368	0.009
Antipsychotics	27,902	4.7%	27,317	4.7%	-0.076	-0.004
Anxiolytics Hypnotics	104,817	17.6%	99,097	17.2%	0.328	0.009
Lithium Other Mood Stabilizers	32,391	5.4%	31,381	5.5%	-0.030	-0.001
Antidepressants	148,615	24.9%	141,373	24.6%	0.314	0.007

**Table 1bz. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.0	10.9	10.1	10.5	-0.015	-0.001
Mean number of emergency room encounters	0.5	1.2	0.5	1.2	-0.003	-0.002
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.002
Mean number of other ambulatory encounters	2.8	9.9	2.9	10.5	-0.161	-0.016
Mean number of filled prescriptions	15.0	14.4	14.9	14.2	0.062	0.004
Mean number of generics dispensed	7.8	4.9	7.7	5.0	0.104	0.021
Mean number of unique drug classes dispensed	7.3	4.4	7.3	4.4	0.079	0.018
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.004
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.000	-0.001
Mean number of outpatient visits for respiratory disorders	2.3	3.3	2.2	3.3	0.037	0.011

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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 1ca. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Patient Characteristics <sup>1</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Unique patients	155,240	100.0%	138,358	100.0%	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	52.7	15.8	47.2	17.6	5.465	0.327
	Number	Percent	Number	Percent		
10-24	19,995	12.9%	32,113	23.2%	-10.330	-0.271
25-54	55,869	36.0%	47,501	34.3%	1.657	0.035
≥ 55	79,376	51.1%	58,744	42.5%	8.673	0.174
Sex						
Female	106,343	68.5%	89,154	64.4%	4.065	0.086
Male	48,897	31.5%	49,204	35.6%	-4.065	-0.086
Race <sup>2</sup>						
American Indian or Alaska Native	506	0.3%	376	0.3%	0.054	0.010
Asian	2,293	1.5%	1,615	1.2%	0.310	0.027
Black or African American	10,288	6.6%	6,877	5.0%	1.657	0.071
Multi-racial	656	0.4%	783	0.6%	-0.143	-0.020
Native Hawaiian or Other Pacific Islander	180	0.1%	113	0.1%	0.034	0.011
Unknown	83,951	54.1%	84,449	61.0%	-6.958	-0.141
White	57,366	37.0%	44,145	31.9%	5.047	0.106
Hispanic origin						
Yes	3,682	2.4%	3,000	2.2%	0.204	0.014
No	61,977	39.9%	44,908	32.5%	7.466	0.156
Unknown	89,581	57.7%	90,450	65.4%	-7.669	-0.158
Year						
2015	0	0.0%	0	0.0%	NaN	NaN
2016	0	0.0%	0	0.0%	NaN	NaN

**Table 1ca. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	0	0.0%	0	0.0%	NaN	NaN
2018	0	0.0%	0	0.0%	NaN	NaN
2019	0	0.0%	0	0.0%	NaN	NaN
2020	63,486	40.9%	56,184	40.6%	0.288	0.006
2021	69,445	44.7%	61,058	44.1%	0.604	0.012
2022	22,309	14.4%	21,116	15.3%	-0.891	-0.025
Pre-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Post-boxed warning	155,240	100.0%	138,358	100.0%	0.000	NaN
Seasonality						
Winter	36,049	23.2%	36,195	26.2%	-2.939	-0.068
Spring	50,825	32.7%	38,194	27.6%	5.134	0.112
Summer	34,276	22.1%	30,336	21.9%	0.154	0.004
Autumn	34,090	22.0%	33,633	24.3%	-2.349	-0.056
<b>Health Characteristics</b>						
	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>3</sup>	1.7	1.7	1.7	1.6	0.052	0.032
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	88,615	57.1%	74,233	53.7%	3.430	0.069
Psychiatric Drug Dispensings <sup>4</sup>	64,317	41.4%	53,374	38.6%	2.854	0.058
Self Harm Encounter <sup>4</sup>	167	0.1%	216	0.2%	-0.049	-0.013
Encounter for Other Psychiatric Event <sup>4</sup>	75,764	48.8%	63,818	46.1%	2.679	0.054
Asthma Severity						
Asthma Emergency Encounter	12,180	7.8%	11,588	8.4%	-0.529	-0.019
Asthma Inpatient Encounter	246	0.2%	198	0.1%	0.015	0.004
Asthma Outpatient Encounter	149,996	96.6%	134,423	97.2%	-0.534	-0.031
Oral Corticosteroid Dispensing	40,488	26.1%	33,176	24.0%	2.103	0.049

**Table 1ca. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	86,392	55.7%	96,625	69.8%	-14.186	-0.297
Allergic Rhinitis	69,156	44.5%	36,043	26.1%	18.497	0.395
Anxiety	36,432	23.5%	31,158	22.5%	0.948	0.023
Depression	27,249	17.6%	23,053	16.7%	0.891	0.024
Sleep Disorder	32,351	20.8%	23,371	16.9%	3.948	0.101
Substance Abuse	5,191	3.3%	5,164	3.7%	-0.388	-0.021
Self Harm Outcomes (0-365 days after dispensing)						
Poisoning	155	0.1%	184	0.1%	-0.033	-0.010
Suffocation	*****	0.0%	*****	0.0%	0.002	0.003
Suicide Attempt	89	0.1%	116	0.1%	-0.027	-0.010
Toxicity	18	0.0%	20	0.0%	-0.003	-0.003
Other Self Harm	64	0.0%	86	0.1%	-0.021	-0.009
Asthma Exacerbations						
No moderate asthma exacerbations	136,082	87.7%	122,081	88.2%	-0.576	-0.018
One moderate asthma exacerbation	16,946	10.9%	14,602	10.6%	0.362	0.012
Two or more moderate asthma exacerbations	2,212	1.4%	1,675	1.2%	0.214	0.019
No severe asthma exacerbations	154,372	99.4%	137,492	99.4%	0.067	0.009
One severe asthma exacerbation	835	0.5%	840	0.6%	-0.069	-0.009
Two or more severe asthma exacerbations	33	0.0%	26	0.0%	0.002	0.002
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	28,002	18.0%	20,559	14.9%	3.179	0.086
Antipsychotics	6,766	4.4%	7,190	5.2%	-0.838	-0.039
Anxiolytics Hypnotics	30,280	19.5%	23,282	16.8%	2.678	0.069
Lithium Other Mood Stabilizers	8,204	5.3%	7,874	5.7%	-0.406	-0.018
Antidepressants	47,896	30.9%	39,579	28.6%	2.247	0.049



**Table 1ca. Aggregated Unadjusted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.6	11.1	10.0	10.9	0.616	0.056
Mean number of emergency room encounters	0.3	1.0	0.3	1.1	-0.020	-0.019
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	0.001	0.004
Mean number of other ambulatory encounters	2.5	5.7	2.5	6.4	-0.017	-0.003
Mean number of filled prescriptions	15.0	13.4	14.1	13.6	0.881	0.065
Mean number of generics dispensed	7.9	4.8	7.1	4.5	0.801	0.172
Mean number of unique drug classes dispensed	7.5	4.4	6.8	4.1	0.673	0.158
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.3	-0.001	-0.006
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.013	-0.032
Mean number of outpatient visits for respiratory disorders	2.2	3.3	1.9	3.1	0.335	0.104

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

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

<sup>3</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

<sup>4</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*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 1cb. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Patient Characteristics <sup>1,2</sup>	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Weighted patients	155,203	N/A	149,925	N/A	N/A	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Age (years)	52.7	15.8	52.5	17.2	0.117	0.007
	Number	Percent	Number	Percent		
10-24	19,993	12.9%	23,727	15.8%	-2.944	-0.089
25-54	55,855	36.0%	46,864	31.3%	4.730	0.109
≥ 55	79,355	51.1%	79,335	52.9%	-1.786	-0.044
Sex						
Female	106,311	68.5%	102,116	68.1%	0.387	0.008
Male	48,892	31.5%	47,809	31.9%	-0.387	-0.008
Race <sup>3</sup>						
American Indian or Alaska Native	506	0.3%	408	0.3%	0.054	0.010
Asian	2,292	1.5%	1,813	1.2%	0.267	0.023
Black or African American	10,284	6.6%	8,165	5.4%	1.180	0.051
Multi-racial	656	0.4%	680	0.5%	-0.031	-0.005
Native Hawaiian or Other Pacific Islander	180	0.1%	145	0.1%	0.020	0.006
Unknown	83,923	54.1%	81,230	54.2%	-0.107	-0.004
White	57,362	37.0%	57,485	38.3%	-1.383	-0.042
Hispanic origin						
Yes	3,680	2.4%	3,192	2.1%	0.242	0.016
No	61,968	39.9%	59,453	39.7%	0.272	0.014
Unknown	89,555	57.7%	87,279	58.2%	-0.513	-0.027
Year						
2015	0	0.0%	0	0.0%	NaN	NaN
2016	0	0.0%	0	0.0%	NaN	NaN

**Table 1cb. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
2017	0	0.0%	0	0.0%	NaN	NaN
2018	0	0.0%	0	0.0%	NaN	NaN
2019	0	0.0%	0	0.0%	NaN	NaN
2020	63,467	40.9%	61,588	41.1%	-0.186	-0.004
2021	69,429	44.7%	66,933	44.6%	0.090	0.002
2022	22,307	14.4%	21,404	14.3%	0.096	0.003
Pre-boxed warning	0	0.0%	0	0.0%	NaN	NaN
Post-boxed warning	155,203	100.0%	149,925	100.0%	0.000	NaN
Seasonality						
Winter	36,046	23.2%	35,423	23.6%	-0.402	-0.009
Spring	50,801	32.7%	47,793	31.9%	0.854	0.018
Summer	34,269	22.1%	33,280	22.2%	-0.118	-0.003
Autumn	34,087	22.0%	33,429	22.3%	-0.334	-0.008
<b>Health Characteristics</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Mean</b>	<b>Standard Deviation</b>		
Charlson/Elixhauser combined comorbidity score <sup>4</sup>	1.7	1.7	1.7	1.7	-0.003	-0.002
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
Psychiatric History	88,583	57.1%	84,848	56.6%	0.482	0.010
Psychiatric Drug Dispensings <sup>5</sup>	64,290	41.4%	61,580	41.1%	0.349	0.007
Self Harm Encounter <sup>5</sup>	167	0.1%	169	0.1%	-0.005	-0.002
Encounter for Other Psychiatric Event <sup>5</sup>	75,735	48.8%	72,207	48.2%	0.635	0.013
Asthma Severity						
Asthma Emergency Encounter	12,174	7.8%	11,577	7.7%	0.122	0.005
Asthma Inpatient Encounter	246	0.2%	237	0.2%	0.000	0.000
Asthma Outpatient Encounter	149,962	96.6%	145,268	96.9%	-0.271	-0.015
Oral Corticosteroid Dispensing	40,466	26.1%	38,543	25.7%	0.365	0.008

**Table 1cb. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Number	Percent	Number	Percent		
Use of Other Asthma Medication	86,385	55.7%	85,780	57.2%	-1.556	-0.032
Allergic Rhinitis	69,121	44.5%	63,056	42.1%	2.478	0.050
Anxiety	36,415	23.5%	34,731	23.2%	0.297	0.007
Depression	27,231	17.5%	26,027	17.4%	0.186	0.005
Sleep Disorder	32,334	20.8%	30,562	20.4%	0.448	0.011
Substance Abuse	5,188	3.3%	4,950	3.3%	0.041	0.002
<b>Self Harm Outcomes (0-365 days after dispensing)</b>						
Poisoning	154	0.1%	161	0.1%	-0.008	-0.002
Suffocation	*****	0.0%	*****	0.0%	0.003	0.006
Suicide Attempt	88	0.1%	101	0.1%	-0.011	-0.004
Toxicity	18	0.0%	19	0.0%	-0.001	-0.001
Other Self Harm	63	0.0%	66	0.0%	-0.003	-0.002
<b>Asthma Exacerbations</b>						
No moderate asthma exacerbations	136,053	87.7%	131,618	87.8%	-0.128	-0.004
One moderate asthma exacerbation	16,938	10.9%	16,339	10.9%	0.015	0.000
Two or more moderate asthma exacerbations	2,212	1.4%	1,969	1.3%	0.112	0.010
No severe asthma exacerbations	154,336	99.4%	149,061	99.4%	0.018	0.002
One severe asthma exacerbation	834	0.5%	836	0.6%	-0.020	-0.003
Two or more severe asthma exacerbations	33	0.0%	28	0.0%	0.002	0.002
<b>Medical Product Use in the 183 Days Prior to and Including Index Date</b>						
Analgesic Opiates	27,977	18.0%	26,286	17.5%	0.494	0.013
Antipsychotics	6,762	4.4%	6,703	4.5%	-0.114	-0.006
Anxiolytics Hypnotics	30,264	19.5%	28,881	19.3%	0.236	0.006
Lithium Other Mood Stabilizers	8,199	5.3%	8,042	5.4%	-0.081	-0.004
Antidepressants	47,874	30.8%	45,836	30.6%	0.274	0.006

**Table 1cb. Aggregated Weighted Characteristics of Intentional Self Harm All Settings, 15-day Gap and Extension (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect in the Treated (ATT), Truncation: 2.5%) in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Health Service Utilization Intensity Metrics in the 183 Days Prior to and Including Index Date	Medical Product				Covariate Balance	
	Montelukast		Inhaled Corticosteroids (ICS)		Absolute Difference	Standardized Difference
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of ambulatory encounters	10.6	11.1	10.7	10.6	-0.086	-0.008
Mean number of emergency room encounters	0.3	1.0	0.3	1.0	-0.004	-0.003
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.4	-0.001	-0.004
Mean number of other ambulatory encounters	2.5	5.7	2.6	6.1	-0.128	-0.022
Mean number of filled prescriptions	15.0	13.4	15.0	13.2	-0.016	-0.001
Mean number of generics dispensed	7.9	4.8	7.8	4.9	0.074	0.015
Mean number of unique drug classes dispensed	7.5	4.4	7.5	4.4	0.062	0.014
Mean number of inpatient visits for respiratory disorders	0.0	0.2	0.0	0.2	-0.001	-0.005
Mean number of emergency department visits for respiratory disorders	0.1	0.4	0.1	0.4	-0.002	-0.004
Mean number of outpatient visits for respiratory disorders	2.2	3.3	2.2	3.2	0.003	0.001

<sup>1</sup>Covariates in blue show a standardized difference greater than 0.1.

<sup>2</sup>Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are assigned a weight of 1. Reference patients are weighted by their propensity score (PS) divided by 1 minus their PS.

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

<sup>4</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

<sup>5</sup>Covariate not included in the propensity score logistic regression model.

\*\*\*\*\*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. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence		Incidence Rate		Hazard Ratio (95% Confidence Interval)	Wald P-Value
						Rate per 1,000 Person Years	Risk per 1,000 New Users	per 1,000 Person Years	Risk Difference per 1,000 New Users		
<b>Site-Adjusted Analysis, Unweighted</b>											
Montelukast	752,280	226,485.37	109.96	0.30	580	2.56	0.77	-1.87	-0.18	0.80 (0.71, 0.89)	<0.001
Inhaled Corticosteroids (ICS)	923,377	199,147.33	78.77	0.22	882	4.43	0.96				
<b>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></b>											
Montelukast	752,230	226,474.30	109.97	0.30	580	2.56	0.77	-0.55	0.08	0.96 (0.85, 1.08)	N/A
ICS	724,855	161,239.11	81.25	0.22	501	3.11	0.69				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 2b. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Age Group**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1,000 Person Years	Risk per 1,000 New Users	Incidence Rate Difference per 1,000 Person Years	Risk Difference per 1,000 New Users	Hazard Ratio (95% Confidence Interval)	Wald P-Value
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,280	226,485.37	109.96	0.30	580	2.56	0.77	-1.87	-0.18	0.80 (0.71, 0.89)	<0.001
Inhaled Corticosteroids (ICS)	923,377	199,147.33	78.77	0.22	882	4.43	0.96				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,230	226,474.30	109.97	0.30	580	2.56	0.77	-0.55	0.08	0.96 (0.85, 1.08)	N/A
ICS	724,855	161,239.11	81.25	0.22	501	3.11	0.69				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension, Age Group: 10-24 year</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	207,866	46,264.66	81.29	0.22	242	5.23	1.16	-0.70	0.01	0.92 (0.79, 1.08)	0.324
ICS	375,869	73,157.11	71.09	0.19	434	5.93	1.15				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	207,822	46,251.66	81.29	0.22	242	5.23	1.16	-0.08	0.13	1.01 (0.85, 1.20)	N/A
ICS	201,192	39,326.35	71.39	0.20	209	5.32	1.04				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension, Age Group: 25-54 year</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	257,136	71,422.18	101.45	0.28	263	3.68	1.02	-2.51	-0.29	0.81 (0.69, 0.95)	0.011
ICS	294,422	62,341.27	77.34	0.21	386	6.19	1.31				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	257,098	71,412.48	101.45	0.28	263	3.68	1.02	-0.58	0.12	0.98 (0.82, 1.17)	N/A
ICS	247,509	52,235.88	77.08	0.21	223	4.26	0.90				

**Table 2b. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Age Group**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension, Age Group: &gt;= 55 years</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	287,228	108,787.46	138.34	0.38	75	0.69	0.26	-0.28	0.02	0.88 (0.61, 1.25)	0.466
ICS	253,066	63,644.94	91.86	0.25	62	0.97	0.24				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	287,144	108,764.34	138.35	0.38	75	0.69	0.26	-0.10	0.06	0.94 (0.62, 1.41)	N/A
ICS	275,968	69,169.37	91.55	0.25	55	0.79	0.20				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.



**Table 2c. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Psychiatric History**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,280	226,485.37	109.96	0.30	580	2.56	0.77	-1.87	-0.18	0.80 (0.71, 0.89)	<0.001
Inhaled Corticosteroids (ICS)	923,377	199,147.33	78.77	0.22	882	4.43	0.96				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,230	226,474.30	109.97	0.30	580	2.56	0.77	-0.55	0.08	0.96 (0.85, 1.08)	N/A
ICS	724,855	161,239.11	81.25	0.22	501	3.11	0.69				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension, No Psychiatric History</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	366,756	103,203.99	102.78	0.28	61	0.59	0.17	-0.29	-0.02	1.05 (0.75, 1.47)	0.763
ICS	484,391	101,856.33	76.80	0.21	90	0.88	0.19				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	366,686	103,179.03	102.77	0.28	61	0.59	0.17	-0.07	0.02	1.06 (0.75, 1.51)	N/A
ICS	354,802	77,695.56	79.98	0.22	52	0.66	0.15				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension, Psychiatric History</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	385,474	123,270.31	116.80	0.32	519	4.21	1.35	-3.93	-0.46	0.75 (0.67, 0.85)	<0.001
ICS	438,966	97,286.99	80.95	0.22	792	8.14	1.80				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	385,425	123,258.48	116.81	0.32	519	4.21	1.35	-1.20	0.13	0.93 (0.82, 1.06)	N/A
ICS	369,811	83,399.94	82.37	0.23	451	5.41	1.22				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 2d. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Pre-/Post-Boxed Warning**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,280	226,485.37	109.96	0.30	580	2.56	0.77	-1.87	-0.18	0.80 (0.71, 0.89)	<0.001
Inhaled Corticosteroids (ICS)	923,377	199,147.33	78.77	0.22	882	4.43	0.96				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,230	226,474.30	109.97	0.30	580	2.56	0.77	-0.55	0.08	0.96 (0.85, 1.08)	N/A
ICS	724,855	161,239.11	81.25	0.22	501	3.11	0.69				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension, Pre-boxed warning</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	596,990	179,446.08	109.79	0.30	499	2.78	0.84	-1.92	-0.17	0.83 (0.74, 0.93)	0.001
ICS	784,999	168,065.77	78.20	0.21	790	4.70	1.01				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	596,938	179,434.27	109.79	0.30	499	2.78	0.84	-0.54	0.10	0.99 (0.88, 1.13)	N/A
ICS	575,113	126,984.71	80.65	0.22	421	3.32	0.73				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension, Post-boxed warning</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	155,240	47,028.22	110.65	0.30	81	1.72	0.52	-1.24	-0.14	0.61 (0.45, 0.83)	0.002
ICS	138,358	31,077.55	82.04	0.22	92	2.96	0.66				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	155,203	47,015.74	110.65	0.30	81	1.72	0.52	-0.56	-0.00	0.82 (0.59, 1.14)	N/A
ICS	149,925	34,318.76	83.61	0.23	79	2.29	0.52				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 2e. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Sex**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio (95% Confidence Interval)	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users		
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,280	226,485.37	109.96	0.30	580	2.56	0.77	-1.87	-0.18	0.80 (0.71, 0.89)	<0.001
Inhaled Corticosteroids (ICS)	923,377	199,147.33	78.77	0.22	882	4.43	0.96				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,230	226,474.30	109.97	0.30	580	2.56	0.77	-0.55	0.08	0.96 (0.85, 1.08)	N/A
ICS	724,855	161,239.11	81.25	0.22	501	3.11	0.69				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension, Sex: Female</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	496,977	152,007.67	111.72	0.31	442	2.91	0.89	-2.45	-0.27	0.78 (0.69, 0.88)	<0.001
ICS	568,584	122,627.97	78.77	0.22	657	5.36	1.16				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	496,923	151,994.22	111.72	0.31	442	2.91	0.89	-0.66	0.10	0.96 (0.84, 1.10)	N/A
ICS	478,441	106,150.20	81.04	0.22	379	3.57	0.79				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension, Sex: Male</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	255,253	74,466.63	106.56	0.29	138	1.85	0.54	-1.09	-0.09	0.81 (0.65, 1.01)	0.057
ICS	354,773	76,515.36	78.77	0.22	225	2.94	0.63				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	255,186	74,451.15	106.56	0.29	138	1.85	0.54	-0.34	0.05	0.95 (0.74, 1.21)	N/A
ICS	246,692	55,110.79	81.60	0.22	121	2.19	0.49				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 3a. Effect Estimates for Intentional Self Harm Inpatient and Emergency, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Site-Adjusted Analysis, Unweighted</b>											
Montelukast	752,307	226,530.76	109.98	0.30	411	1.81	0.55	-1.09	-0.08	0.85 (0.74, 0.97)	0.013
Inhaled Corticosteroids (ICS)	923,409	199,190.38	78.79	0.22	578	2.90	0.63				
<b>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></b>											
Montelukast	752,257	226,519.76	109.98	0.30	411	1.81	0.55	-0.24	0.09	1.03 (0.89, 1.18)	N/A
ICS	724,885	161,266.46	81.26	0.22	331	2.05	0.46				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 3b. Effect Estimates for Intentional Self Harm Inpatient and Emergency, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Age Group**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,307	226,530.76	109.98	0.30	411	1.81	0.55	-1.09	-0.08	0.85 (0.74, 0.97)	0.013
Inhaled Corticosteroids (ICS)	923,409	199,190.38	78.79	0.22	578	2.90	0.63				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,257	226,519.76	109.98	0.30	411	1.81	0.55	-0.24	0.09	1.03 (0.89, 1.18)	N/A
ICS	724,885	161,266.46	81.26	0.22	331	2.05	0.46				
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension, Age Group: 10-24 years</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	207,872	46,279.33	81.32	0.22	174	3.76	0.84	-0.09	0.09	1.02 (0.84, 1.23)	0.878
ICS	375,887	73,175.37	71.10	0.19	282	3.85	0.75				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	207,831	46,266.63	81.31	0.22	174	3.76	0.84	0.18	0.14	1.07 (0.87, 1.32)	N/A
ICS	201,205	39,336.11	71.41	0.20	141	3.59	0.70				
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension, Age Group: 25-54 years</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	257,148	71,439.98	101.47	0.28	184	2.58	0.72	-1.58	-0.16	0.82 (0.68, 1.00)	0.048
ICS	294,436	62,364.14	77.36	0.21	259	4.15	0.88				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	257,106	71,428.90	101.47	0.28	184	2.58	0.72	-0.22	0.13	1.05 (0.85, 1.29)	N/A
ICS	247,528	52,248.40	77.10	0.21	146	2.79	0.59				

**Table 3b. Effect Estimates for Intentional Self Harm Inpatient and Emergency, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Age Group**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension, Age Group: ≥ 55 years</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	287,237	108,800.45	138.35	0.38	53	0.49	0.18	-0.09	0.04	1.05 (0.67, 1.64)	0.824
ICS	253,066	63,647.10	91.86	0.25	37	0.58	0.15				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	287,155	108,777.53	138.36	0.38	53	0.49	0.18	0.01	0.07	1.08 (0.66, 1.80)	N/A
ICS	275,983	69,175.48	91.55	0.25	33	0.48	0.12				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 3c. Effect Estimates for Intentional Self Harm Inpatient and Emergency, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Psychiatric History**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,307	226,530.76	109.98	0.30	411	1.81	0.55	-1.09	-0.08	0.85 (0.74, 0.97)	0.013
Inhaled Corticosteroids (ICS)	923,409	199,190.38	78.79	0.22	578	2.90	0.63				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,257	226,519.76	109.98	0.30	411	1.81	0.55	-0.24	0.09	1.03 (0.89, 1.18)	N/A
ICS	724,885	161,266.46	81.26	0.22	331	2.05	0.46				
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension, No Psychiatric History</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	366,755	103,205.13	102.78	0.28	43	0.42	0.12	-0.12	0.00	1.25 (0.83, 1.88)	0.286
ICS	484,389	101,859.30	76.81	0.21	55	0.54	0.11				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	366,683	103,179.86	102.78	0.28	43	0.42	0.12	0.03	0.03	1.27 (0.81, 1.97)	N/A
ICS	354,806	77,699.17	79.99	0.22	30	0.39	0.09				
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension, Psychiatric History</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	385,502	123,314.63	116.84	0.32	368	2.98	0.95	-2.39	-0.24	0.79 (0.69, 0.91)	0.001
ICS	439,000	97,327.32	80.98	0.22	523	5.37	1.19				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	385,471	123,307.95	116.84	0.32	368	2.98	0.95	-0.66	0.13	0.98 (0.84, 1.13)	N/A
ICS	369,831	83,421.76	82.39	0.23	304	3.64	0.82				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 3d. Effect Estimates for Intentional Self Harm Inpatient and Emergency, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Pre-/Post-Boxed Warning**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,307	226,530.76	109.98	0.30	411	1.81	0.55	-1.09	-0.08	0.85 (0.74, 0.97)	0.013
Inhaled Corticosteroids (ICS)	923,409	199,190.38	78.79	0.22	578	2.90	0.63				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,257	226,519.76	109.98	0.30	411	1.81	0.55	-0.24	0.09	1.03 (0.89, 1.18)	N/A
ICS	724,885	161,266.46	81.26	0.22	331	2.05	0.46				
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension, Pre-boxed Warning</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	597,013	179,483.96	109.81	0.30	352	1.96	0.59	-1.07	-0.06	0.89 (0.78, 1.03)	0.122
ICS	785,025	168,104.47	78.21	0.21	510	3.03	0.65				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	596,988	179,479.40	109.81	0.30	352	1.96	0.59	-0.20	0.11	1.07 (0.92, 1.24)	N/A
ICS	575,135	127,005.49	80.66	0.22	275	2.16	0.48				
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension, Post-boxed Warning</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	155,244	47,035.80	110.66	0.30	59	1.25	0.38	-0.93	-0.11	0.60 (0.42, 0.85)	0.004
ICS	138,364	31,082.15	82.05	0.22	68	2.19	0.49				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	155,205	47,022.97	110.66	0.30	59	1.25	0.38	-0.43	-0.00	0.81 (0.55, 1.18)	N/A
ICS	149,925	34,322.07	83.62	0.23	58	1.68	0.38				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.



**Table 3e. Effect Estimates for Intentional Self Harm Inpatient and Emergency, Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Sex**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,307	226,530.76	109.98	0.30	411	1.81	0.55	-1.09	-0.08	0.85 (0.74, 0.97)	0.013
Inhaled Corticosteroids (ICS)	923,409	199,190.38	78.79	0.22	578	2.90	0.63				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,257	226,519.76	109.98	0.30	411	1.81	0.55	-0.24	0.09	1.03 (0.89, 1.18)	N/A
ICS	724,885	161,266.46	81.26	0.22	331	2.05	0.46				
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension, Sex: Female</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	496,998	152,038.52	111.73	0.31	322	2.12	0.65	-1.39	-0.11	0.85 (0.73, 0.98)	0.031
ICS	568,609	122,659.50	78.79	0.22	430	3.51	0.76				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	496,977	152,033.92	111.74	0.31	322	2.12	0.65	-0.22	0.13	1.06 (0.91, 1.24)	N/A
ICS	478,459	106,168.54	81.05	0.22	248	2.34	0.52				
<b>Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension, Sex: Male</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	255,259	74,481.24	106.58	0.29	89	1.19	0.35	-0.74	-0.07	0.79 (0.60, 1.04)	0.094
ICS	354,780	76,527.12	78.79	0.22	148	1.93	0.42				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	255,192	74,465.54	106.58	0.29	89	1.20	0.35	-0.28	0.02	0.93 (0.69, 1.27)	N/A
ICS	246,700	55,116.96	81.60	0.22	81	1.47	0.33				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 4a. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Site-Adjusted Analysis, Unweighted</b>											
Montelukast	752,176	119,963.99	58.25	0.16	325	2.71	0.43	-2.21	-0.12	0.76 (0.66, 0.88)	<0.001
Inhaled Corticosteroids (ICS)	923,166	104,173.40	41.22	0.11	512	4.91	0.55				
<b>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></b>											
Montelukast	752,128	119,956.30	58.25	0.16	325	2.71	0.43	-0.76	0.02	0.91 (0.78, 1.07)	N/A
ICS	724,746	85,912.19	43.30	0.12	298	3.47	0.41				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 4b. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Age Group**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,176	119,963.99	58.25	0.16	325	2.71	0.43	-2.21	-0.12	0.76 (0.66, 0.88)	<0.001
Inhaled Corticosteroids (ICS)	923,166	104,173.40	41.22	0.11	512	4.91	0.55				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,128	119,956.30	58.25	0.16	325	2.71	0.43	-0.76	0.02	0.91 (0.78, 1.07)	N/A
ICS	724,746	85,912.19	43.30	0.12	298	3.47	0.41				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension, Age Group: 10-24 years</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	207,843	22,250.09	39.10	0.11	117	5.26	0.56	-1.53	-0.11	0.81 (0.65, 1.01)	0.067
ICS	375,784	36,989.16	35.95	0.10	251	6.79	0.67				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	207,800	22,242.23	39.10	0.11	117	5.26	0.56	-1.12	-0.07	0.87 (0.68, 1.10)	N/A
ICS	201,178	19,983.94	36.28	0.10	127	6.38	0.63				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension, Age Group: 25-54 years</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	257,110	36,509.56	51.87	0.14	164	4.49	0.64	-2.38	-0.13	0.88 (0.71, 1.08)	0.212
ICS	294,341	32,734.57	40.62	0.11	225	6.87	0.76				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	257,075	36,503.19	51.86	0.14	164	4.49	0.64	-0.18	0.11	1.04 (0.83, 1.30)	N/A
ICS	247,483	27,704.43	40.89	0.11	130	4.68	0.52				

**Table 4b. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Age Group**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension, Age Group: ≥ 55 years</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	287,175	61,196.65	77.83	0.21	44	0.72	0.15	-0.33	0.01	0.77 (0.48, 1.22)	0.265
ICS	253,020	34,448.17	49.73	0.14	36	1.05	0.14				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	287,090	61,184.19	77.84	0.21	44	0.72	0.15	-0.14	0.04	0.85 (0.50, 1.44)	N/A
ICS	275,915	37,933.12	50.22	0.14	33	0.86	0.12				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 4c. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Psychiatric History**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,176	119,963.99	58.25	0.16	325	2.71	0.43	-2.21	-0.12	0.76 (0.66, 0.88)	<0.001
Inhaled Corticosteroids (ICS)	923,166	104,173.40	41.22	0.11	512	4.91	0.55				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,128	119,956.30	58.25	0.16	325	2.71	0.43	-0.76	0.02	0.91 (0.78, 1.07)	N/A
ICS	724,746	85,912.19	43.30	0.12	298	3.47	0.41				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension, No Psychiatric History</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	366,721	53,335.28	53.12	0.15	28	0.52	0.08	-0.29	-0.01	1.02 (0.63, 1.67)	0.928
ICS	484,288	52,903.86	39.90	0.11	43	0.81	0.09				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	366,650	53,320.20	53.12	0.15	28	0.53	0.08	-0.13	0.00	0.97 (0.57, 1.63)	N/A
ICS	354,769	40,940.29	42.15	0.12	27	0.66	0.08				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension, Psychiatric History</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	385,407	66,621.02	63.14	0.17	297	4.46	0.77	-4.69	-0.30	0.72 (0.62, 0.84)	<0.001
ICS	438,857	51,268.04	42.67	0.12	469	9.15	1.07				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	385,354	66,612.10	63.14	0.17	297	4.46	0.77	-1.68	0.02	0.87 (0.74, 1.03)	N/A
ICS	369,740	44,913.35	44.37	0.12	276	6.14	0.75				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 4d. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Pre-/Post-Boxed Warning**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,176	119,963.99	58.25	0.16	325	2.71	0.43	-2.21	-0.12	0.76 (0.66, 0.88)	<0.001
Inhaled Corticosteroids (ICS)	923,166	104,173.40	41.22	0.11	512	4.91	0.55				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,128	119,956.30	58.25	0.16	325	2.71	0.43	-0.76	0.02	0.91 (0.78, 1.07)	N/A
ICS	724,746	85,912.19	43.30	0.12	298	3.47	0.41				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension, Pre-boxed Warning</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	596,913	90,311.75	55.26	0.15	272	3.01	0.46	-2.25	-0.12	0.79 (0.67, 0.92)	0.003
ICS	784,799	86,484.87	40.25	0.11	455	5.26	0.58				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	596,859	90,304.08	55.26	0.15	272	3.01	0.46	-0.79	0.02	0.92 (0.77, 1.09)	N/A
ICS	575,038	66,270.07	42.09	0.12	252	3.80	0.44				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension, Post-boxed Warning</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	155,215	29,644.55	69.76	0.19	53	1.79	0.34	-1.43	-0.07	0.64 (0.43, 0.94)	0.021
ICS	138,346	17,687.02	46.70	0.13	57	3.22	0.41				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	155,180	29,636.13	69.76	0.19	53	1.79	0.34	-0.61	0.03	0.88 (0.58, 1.32)	N/A
ICS	149,899	19,699.98	48.00	0.13	47	2.39	0.31				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 4e. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Sex**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,176	119,963.99	58.25	0.16	325	2.71	0.43	-2.21	-0.12	0.76 (0.66, 0.88)	<0.001
Inhaled Corticosteroids (ICS)	923,166	104,173.40	41.22	0.11	512	4.91	0.55				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,128	119,956.30	58.25	0.16	325	2.71	0.43	-0.76	0.02	0.91 (0.78, 1.07)	N/A
ICS	724,746	85,912.19	43.30	0.12	298	3.47	0.41				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension, Sex: Female</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	496,909	81,501.14	59.91	0.16	249	3.06	0.50	-3.08	-0.20	0.72 (0.61, 0.86)	<0.001
ICS	568,448	64,729.73	41.59	0.11	397	6.13	0.70				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	496,850	81,491.54	59.91	0.16	249	3.06	0.50	-1.00	0.02	0.91 (0.77, 1.09)	N/A
ICS	478,373	56,920.79	43.46	0.12	231	4.06	0.48				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension, Sex: Male</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	255,219	38,455.16	55.03	0.15	76	1.98	0.30	-0.94	-0.03	0.85 (0.63, 1.16)	0.307
ICS	354,697	39,442.17	40.62	0.11	115	2.92	0.32				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	255,153	38,445.29	55.03	0.15	76	1.98	0.30	-0.32	0.03	0.92 (0.64, 1.31)	N/A
ICS	246,665	29,005.74	42.95	0.12	66	2.29	0.27				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 5a. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Site-Adjusted Analysis, Unweighted</b>											
Montelukast	752,280	186,602.17	90.60	0.25	496	2.66	0.66	-1.95	-0.12	0.81 (0.71, 0.91)	<0.001
Inhaled Corticosteroids (ICS)	923,377	155,359.53	61.45	0.17	716	4.61	0.78				
<b>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></b>											
Montelukast	752,230	186,592.70	90.60	0.25	496	2.66	0.66	-0.60	0.09	0.97 (0.85, 1.10)	N/A
ICS	724,855	126,811.70	63.90	0.17	413	3.26	0.57				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.



**Table 5b. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Age Group**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,280	186,602.17	90.60	0.25	496	2.66	0.66	-1.95	-0.12	0.81 (0.71, 0.91)	<0.001
Inhaled Corticosteroids (ICS)	923,377	155,359.53	61.45	0.17	716	4.61	0.78				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,230	186,592.70	90.60	0.25	496	2.66	0.66	-0.60	0.09	0.97 (0.85, 1.10)	N/A
ICS	724,855	126,811.70	63.90	0.17	413	3.26	0.57				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension, Age Group: 10-24 years</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	207,866	35,796.05	62.90	0.17	200	5.59	0.96	-0.54	0.05	0.96 (0.81, 1.15)	0.666
ICS	375,869	55,841.30	54.26	0.15	342	6.12	0.91				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	207,822	35,786.41	62.90	0.17	200	5.59	0.96	0.04	0.13	1.05 (0.87, 1.27)	N/A
ICS	201,192	30,075.79	54.60	0.15	167	5.55	0.83				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension, Age Group: 25-54 years</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	257,136	58,225.80	82.71	0.23	230	3.95	0.89	-2.64	-0.20	0.82 (0.69, 0.98)	0.027
ICS	294,422	48,862.35	60.62	0.17	322	6.59	1.09				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	257,098	58,217.17	82.71	0.23	230	3.95	0.89	-0.67	0.13	0.97 (0.80, 1.17)	N/A
ICS	247,509	41,047.05	60.57	0.17	190	4.62	0.77				

**Table 5b. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Age Group**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension, Age Group: ≥ 55 years</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	287,228	92,570.85	117.72	0.32	66	0.71	0.23	-0.31	0.02	0.81 (0.55, 1.19)	0.279
ICS	253,066	50,652.74	73.11	0.20	52	1.03	0.21				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	287,144	92,553.51	117.73	0.32	66	0.71	0.23	-0.12	0.06	0.89 (0.57, 1.38)	N/A
ICS	275,968	55,281.55	73.17	0.20	46	0.84	0.17				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 5c. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Psychiatric History**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,280	186,602.17	90.60	0.25	496	2.66	0.66	-1.95	-0.12	0.81 (0.71, 0.91)	<0.001
Inhaled Corticosteroids (ICS)	923,377	155,359.53	61.45	0.17	716	4.61	0.78				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,230	186,592.70	90.60	0.25	496	2.66	0.66	-0.60	0.09	0.97 (0.85, 1.10)	N/A
ICS	724,855	126,811.70	63.90	0.17	413	3.26	0.57				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension, No Psychiatric History</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	366,756	83,544.68	83.20	0.23	51	0.61	0.14	-0.19	0.01	1.24 (0.85, 1.82)	0.261
ICS	484,391	78,734.27	59.37	0.16	63	0.80	0.13				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	366,686	83,524.01	83.20	0.23	51	0.61	0.14	0.02	0.04	1.27 (0.85, 1.90)	N/A
ICS	354,802	60,501.16	62.28	0.17	35	0.59	0.10				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension, Psychiatric History</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	385,474	103,048.02	97.64	0.27	445	4.32	1.15	-4.20	-0.33	0.75 (0.66, 0.85)	<0.001
ICS	438,966	76,622.12	63.75	0.17	653	8.52	1.49				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	385,425	103,038.14	97.64	0.27	445	4.32	1.15	-1.41	0.13	0.92 (0.81, 1.06)	N/A
ICS	369,811	66,201.80	65.39	0.18	379	5.72	1.02				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 5d. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Pre-/Post-Boxed Warning**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence	Risk per	Incidence	Risk	Hazard Ratio	Wald P-Value
						Rate per 1,000 Person Years	1,000 New Users	Rate per 1,000 Person Years	Difference per 1,000 New Users	(95% Confidence Interval)	
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,280	186,602.17	90.60	0.25	496	2.66	0.66	-1.95	-0.12	0.81 (0.71, 0.91)	<0.001
Inhaled Corticosteroids (ICS)	923,377	155,359.53	61.45	0.17	716	4.61	0.78				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,230	186,592.70	90.60	0.25	496	2.66	0.66	-0.60	0.09	0.97 (0.85, 1.10)	N/A
ICS	724,855	126,811.70	63.90	0.17	413	3.26	0.57				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension, Pre-boxed Warning</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	596,990	145,539.65	89.04	0.24	423	2.91	0.71	-1.98	-0.10	0.84 (0.74, 0.96)	0.009
ICS	784,999	130,001.03	60.49	0.17	635	4.88	0.81				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	596,938	145,530.19	89.05	0.24	423	2.91	0.71	-0.58	0.11	1.00 (0.87, 1.15)	N/A
ICS	575,113	98,788.85	62.74	0.17	345	3.49	0.60				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension, Post-boxed Warning</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	155,240	41,053.05	96.59	0.26	73	1.78	0.47	-1.42	-0.12	0.61 (0.44, 0.84)	0.003
ICS	138,358	25,355.36	66.94	0.18	81	3.19	0.59				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	155,203	41,041.31	96.59	0.26	73	1.78	0.47	-0.62	0.02	0.84 (0.60, 1.18)	N/A
ICS	149,925	28,093.17	68.44	0.19	67	2.40	0.45				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 5e. Effect Estimates for Intentional Self Harm All Settings, Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Analysis Type and Sex**

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1,000 Person Years	Risk per 1,000 New Users	Incidence Rate Difference per 1,000 Person Years	Risk Difference per 1,000 New Users	Hazard Ratio (95% Confidence Interval)	Wald P-Value
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	752,280	186,602.17	90.60	0.25	496	2.66	0.66	-1.95	-0.12	0.81 (0.71, 0.91)	<0.001
Inhaled Corticosteroids (ICS)	923,377	155,359.53	61.45	0.17	716	4.61	0.78				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	752,230	186,592.70	90.60	0.25	496	2.66	0.66	-0.60	0.09	0.97 (0.85, 1.10)	N/A
ICS	724,855	126,811.70	63.90	0.17	413	3.26	0.57				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension, Sex: Female</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	496,977	125,994.48	92.60	0.25	377	2.99	0.76	-2.56	-0.18	0.79 (0.69, 0.91)	<0.001
ICS	568,584	96,182.25	61.79	0.17	534	5.55	0.94				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	496,923	125,982.94	92.60	0.25	377	2.99	0.76	-0.73	0.11	0.98 (0.85, 1.14)	N/A
ICS	478,441	83,815.77	63.99	0.18	312	3.72	0.65				
<b>Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension, Sex: Male</b>											
<i>Site-Adjusted Analysis, Unweighted</i>											
Montelukast	255,253	60,598.22	86.71	0.24	119	1.96	0.47	-1.11	-0.05	0.82 (0.64, 1.04)	0.101
ICS	354,773	59,174.14	60.92	0.17	182	3.08	0.51				
<i>Inverse Probability of Treatment Weighted Analysis<sup>1</sup>; Weight = ATT, Trimmed<sup>2</sup></i>											
Montelukast	255,186	60,585.24	86.72	0.24	119	1.96	0.47	-0.38	0.06	0.94 (0.71, 1.23)	N/A
ICS	246,692	43,013.01	63.68	0.17	101	2.34	0.41				

<sup>1</sup>All values in this section are weighted.

<sup>2</sup>ATT = Average Treatment Effect in the Treated.

**Table 6. Summary of Patient Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension				Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension			
	Montelukast		Inhaled Corticosteroids (ICS)		Montelukast		ICS	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
<b>Members meeting enrollment and demographic requirements</b>								
Enrolled at any point during the query period	326,966,050	N/A	326,966,050	N/A	326,966,050	N/A	326,966,050	N/A
Had required coverage type (medical and/or drug coverage)	238,643,511	88,322,539	238,643,511	88,322,539	238,643,511	88,322,539	238,643,511	88,322,539
Enrolled during specified age range	208,424,252	30,219,259	208,424,252	30,219,259	208,424,252	30,219,259	208,424,252	30,219,259
Had requestable medical charts	208,424,252	0	208,424,252	0	208,424,252	0	208,424,252	0
Met demographic requirements (sex, race, and Hispanic origin)	208,341,758	82,494	208,341,758	82,494	208,341,758	82,494	208,341,758	82,494
<b>Members with a valid index event</b>								
Had any cohort-defining claim during the query period	9,937,567	198,404,191	5,005,983	203,335,775	9,937,567	198,404,191	5,005,983	203,335,775
Claim recorded during specified age range	9,567,331	370,236	4,661,260	344,723	9,567,331	370,236	4,661,260	344,723
Episode defining index claim recorded during the query period	8,389,960	1,177,371	4,286,088	375,172	8,389,960	1,177,371	4,286,088	375,172
<b>Members with required pre-index history</b>								
Had sufficient pre-index continuous enrollment	5,937,854	2,452,106	3,325,118	960,970	5,937,854	2,452,106	3,325,118	960,970
Met inclusion and exclusion criteria <sup>1</sup>	993,959	4,943,895	1,056,651	2,268,467	993,959	4,943,895	1,056,651	2,268,467
<i>Evidence of copd_EXC</i>	N/A	820,930	N/A	566,698	N/A	820,930	N/A	566,698
<i>Evidence of ICS_EXC</i>	N/A	194,004	N/A	N/A	N/A	194,004	N/A	N/A
<i>Evidence of mont_EXC</i>	N/A	N/A	N/A	211,203	N/A	N/A	N/A	211,203
<i>Evidence of non_ICS_wash</i>	N/A	N/A	N/A	720,166	N/A	N/A	N/A	720,166

**Table 6. Summary of Patient Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension				Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension			
	Montelukast		Inhaled Corticosteroids (ICS)		Montelukast		ICS	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
<i>Evidence of non_mont_wash</i>	N/A	923,690	N/A	N/A	N/A	923,690	N/A	N/A
<i>No evidence of asthma_INC</i>	N/A	4,206,100	N/A	1,709,965	N/A	4,206,100	N/A	1,709,965
Met event incidence criteria	993,959	0	1,056,651	0	993,959	0	1,056,651	0
<b>Members with required post-index follow-up</b>								
Had sufficient post-index continuous enrollment	993,856	103	1,056,612	39	993,856	103	1,056,612	39
Had minimum days' supply on index date	993,856	0	1,056,612	0	993,856	0	1,056,612	0
Had index episode of at least required length	993,856	0	1,056,612	0	993,856	0	1,056,612	0
Had index episode longer than blackout period	769,703	224,153	936,277	120,335	769,703	*****	936,277	*****
Did not have an event during blackout period	769,673	30	936,241	36	769,702	*****	936,273	*****
<b>Final cohort</b>								
Number of members	769,673	N/A	936,241	N/A	769,702	N/A	936,273	N/A
Number of episodes	769,673	N/A	936,241	N/A	769,702	N/A	936,273	N/A
<b>Members meeting comparative cohort eligibility requirements</b>								
Excluded due to same-day initiation of both exposure groups	769,781	0	936,281	0	769,810	0	936,313	0
Excluded due to prior initiation of other exposure group	752,280	17,501	923,377	12,904	752,307	17,503	923,409	12,904
Excluded due to propensity score trimming	752,230	50	923,357	20	752,257	50	923,389	20
Included in comparative analysis	752,230	0	923,357	0	752,257	0	923,389	0

**Table 6. Summary of Patient Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension				Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension			
	Montelukast		Inhaled Corticosteroids (ICS)		Montelukast		ICS	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
<b>Additional information</b>								
Number of events in comparative analysis	580	N/A	882	N/A	411	N/A	578	N/A
Number of patients with a truncated inverse probability of treatment weight	0	N/A	53,276	N/A	0	N/A	53,278	N/A



**Table 6. Summary of Patient Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

	Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension				Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension			
	Montelukast		ICS		Montelukast		ICS	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
<b>Members meeting enrollment and demographic requirements</b>								
Enrolled at any point during the query period	326,966,050	N/A	326,966,050	N/A	326,966,050	N/A	326,966,050	N/A
Had required coverage type (medical and/or drug coverage)	238,643,511	88,322,539	238,643,511	88,322,539	238,643,511	88,322,539	238,643,511	88,322,539
Enrolled during specified age range	208,424,252	30,219,259	208,424,252	30,219,259	208,424,252	30,219,259	208,424,252	30,219,259
Had requestable medical charts	208,424,252	0	208,424,252	0	208,424,252	0	208,424,252	0
Met demographic requirements (sex, race, and Hispanic origin)	208,341,758	82,494	208,341,758	82,494	208,341,758	82,494	208,341,758	82,494
<b>Members with a valid index event</b>								
Had any cohort-defining claim during the query period	9,937,567	198,404,191	5,005,983	203,335,775	9,937,567	198,404,191	5,005,983	203,335,775
Claim recorded during specified age range	9,567,331	370,236	4,661,260	344,723	9,567,331	370,236	4,661,260	344,723
Episode defining index claim recorded during the query period	8,389,960	1,177,371	4,286,088	375,172	8,389,960	1,177,371	4,286,088	375,172
<b>Members with required pre-index history</b>								
Had sufficient pre-index continuous enrollment	5,937,854	2,452,106	3,325,118	960,970	5,937,854	2,452,106	3,325,118	960,970
Met inclusion and exclusion criteria <sup>1</sup>	993,959	4,943,895	1,056,651	2,268,467	993,959	4,943,895	1,056,651	2,268,467
<i>Evidence of copd_EXC</i>	N/A	820,930	N/A	566,698	N/A	820,930	N/A	566,698
<i>Evidence of ICS_EXC</i>	N/A	194,004	N/A	N/A	N/A	194,004	N/A	N/A
<i>Evidence of mont_EXC</i>	N/A	N/A	N/A	211,203	N/A	N/A	N/A	211,203
<i>Evidence of non_ICS_wash</i>	N/A	N/A	N/A	720,166	N/A	N/A	N/A	720,166
<i>Evidence of non_mont_wash</i>	N/A	923,690	N/A	N/A	N/A	923,690	N/A	N/A
<i>No evidence of asthma_INC</i>	N/A	4,206,100	N/A	1,709,965	N/A	4,206,100	N/A	1,709,965
Met event incidence criteria	993,959	0	1,056,651	0	993,959	0	1,056,651	0

**Table 6. Summary of Patient Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

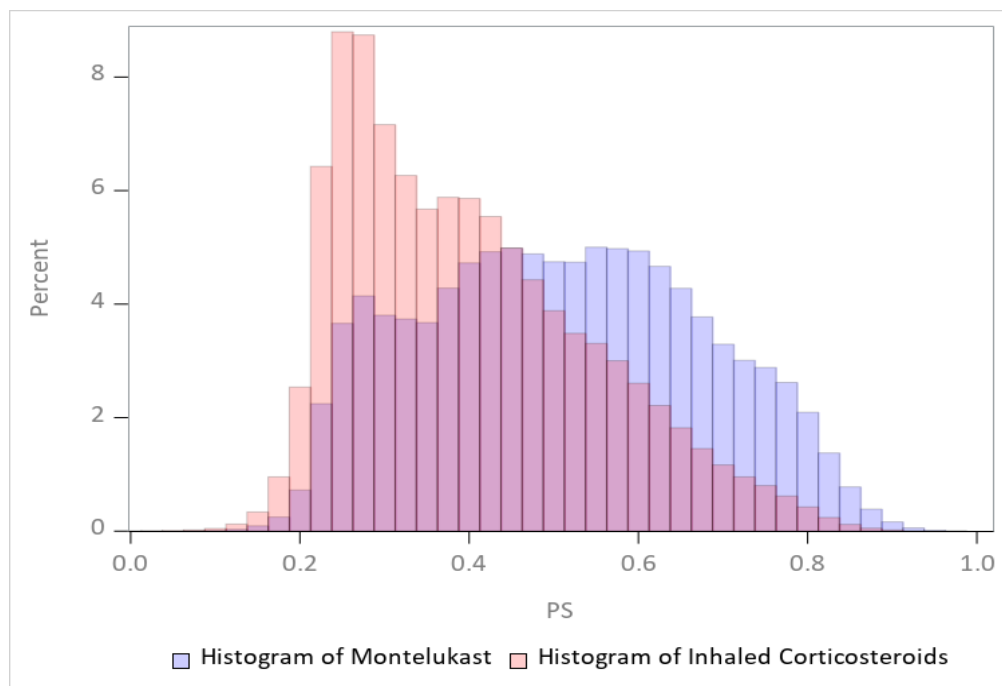
	Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension				Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension			
	Montelukast		ICS		Montelukast		ICS	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
<b>Members with required post-index follow-up</b>								
Had sufficient post-index continuous enrollment	993,893	66	1,056,634	17	993,870	89	1,056,621	30
Had minimum days' supply on index date	993,893	0	1,056,634	0	993,870	0	1,056,621	0
Had index episode of at least required length	993,893	0	1,056,634	0	993,870	0	1,056,621	0
Had index episode longer than blackout period	769,632	224,261	936,087	120,547	769,719	224,151	936,287	120,334
Did not have an event during blackout period	769,602	30	936,051	36	769,689	30	936,251	36
<b>Final cohort</b>								
Number of members	769,602	N/A	936,051	N/A	769,689	N/A	936,251	N/A
Number of episodes	769,602	N/A	936,051	N/A	769,689	N/A	936,251	N/A
<b>Members meeting comparative cohort eligibility requirements</b>								
Excluded due to same-day initiation of both exposure groups	769,671	0	936,068	0	769,781	0	936,281	0
Excluded due to prior initiation of other exposure group	752,176	17,495	923,166	12,902	752,280	17,501	923,377	12,904
Excluded due to propensity score trimming	752,128	48	923,145	21	752,230	50	923,357	20
Included in comparative analysis	752,128	0	923,145	0	752,230	0	923,357	0
<b>Additional information</b>								
Number of events in comparative analysis	325	N/A	512	N/A	496	N/A	716	N/A
Number of patients with a truncated inverse probability of treatment weight	0	N/A	53,263	N/A	0	N/A	53,276	N/A

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

\*\*\*\*\*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.

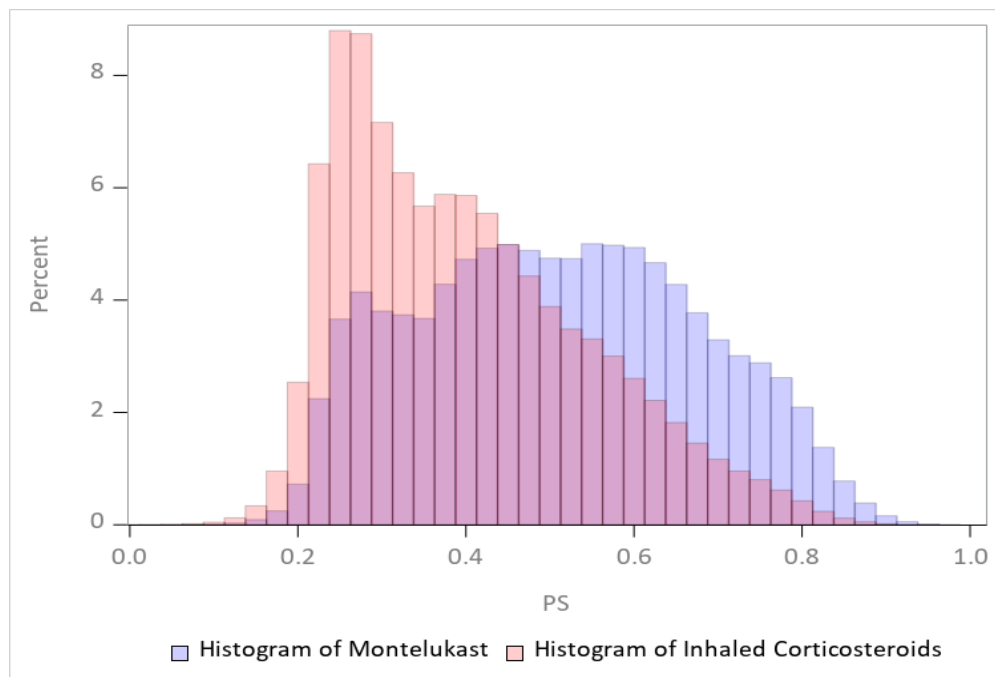
**Figure 1a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Unweighted Propensity Score Distribution Before Trimming



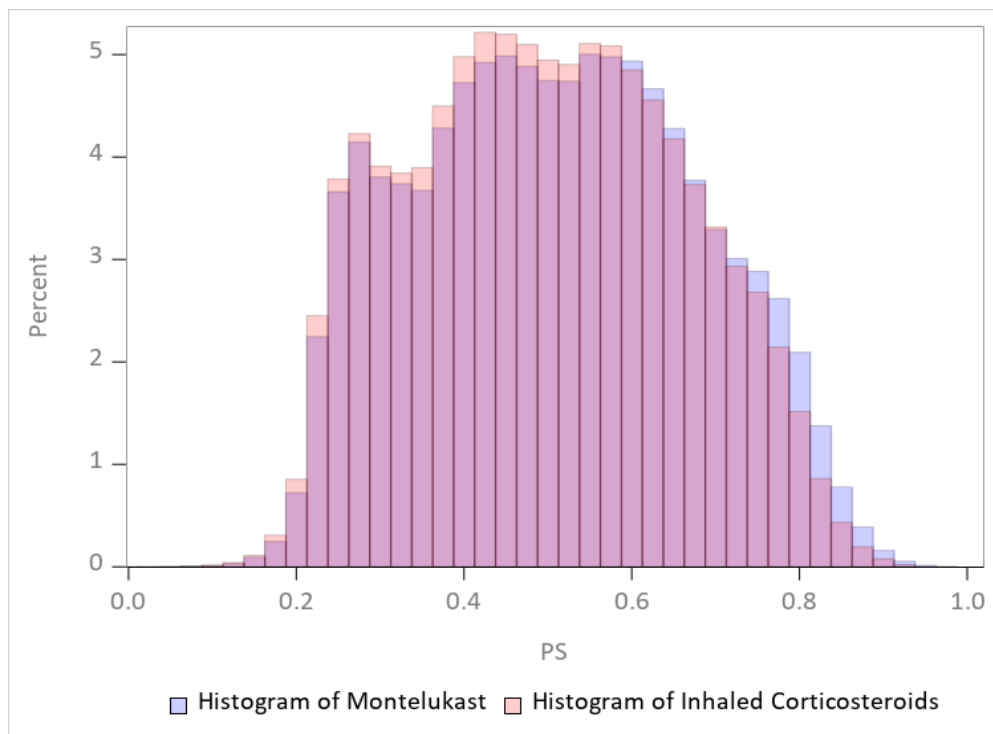
**Figure 1a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Unweighted Propensity Score Distribution After Trimming



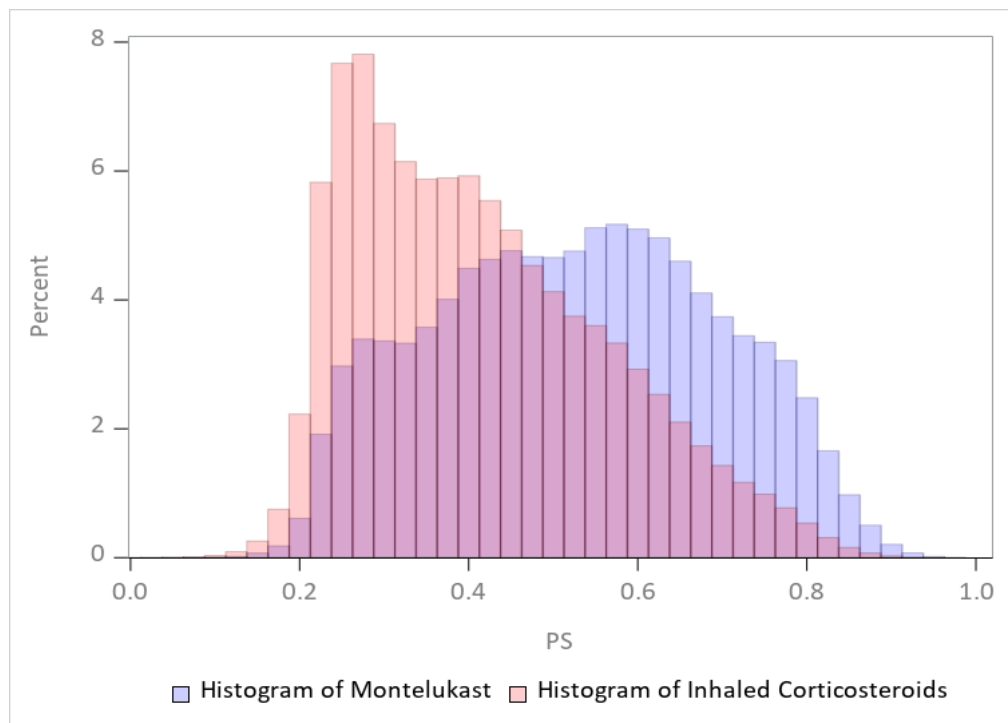
**Figure 1a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



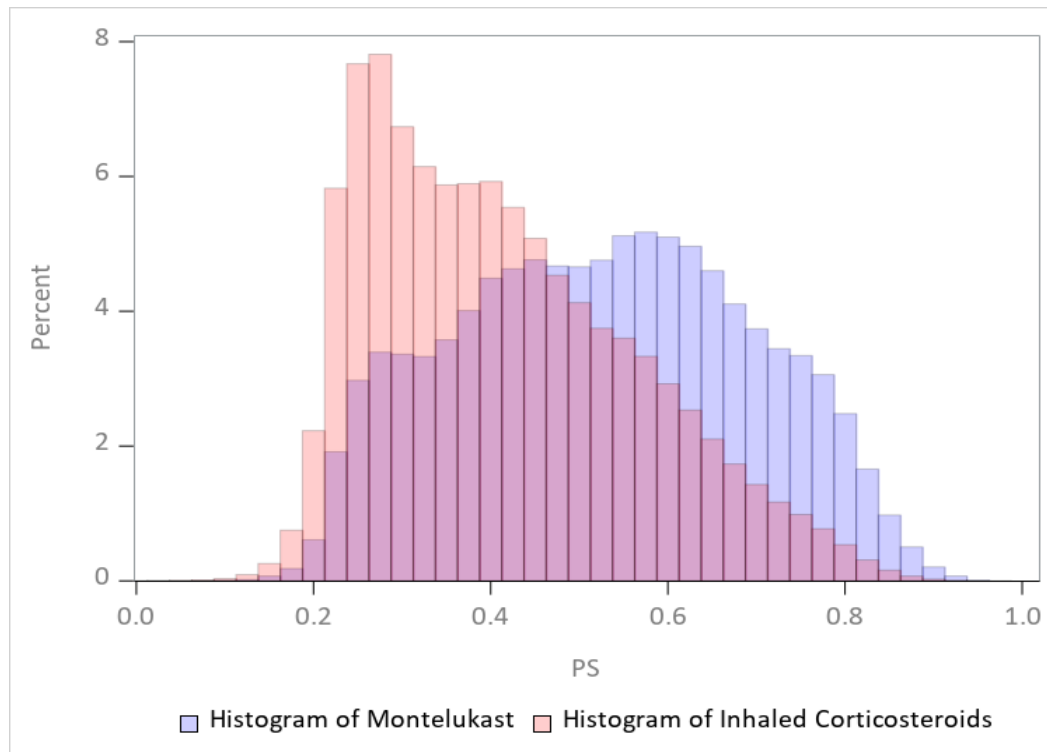
**Figure 1b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Unweighted Propensity Score Distribution Before Trimming



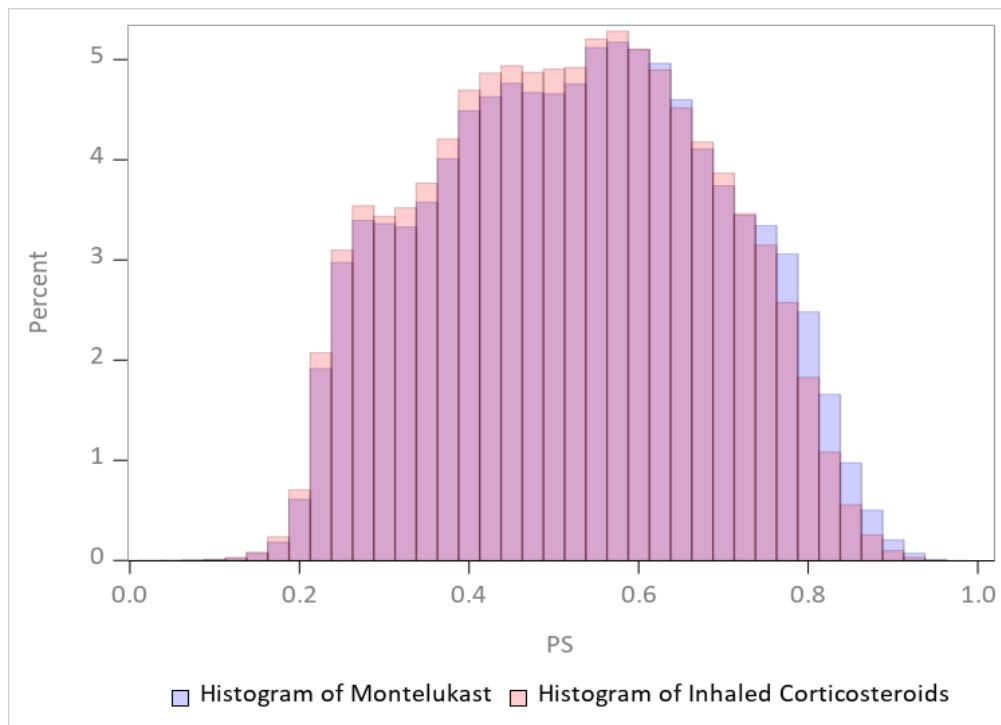
**Figure 1b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Unweighted Propensity Score Distribution After Trimming



**Figure 1b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

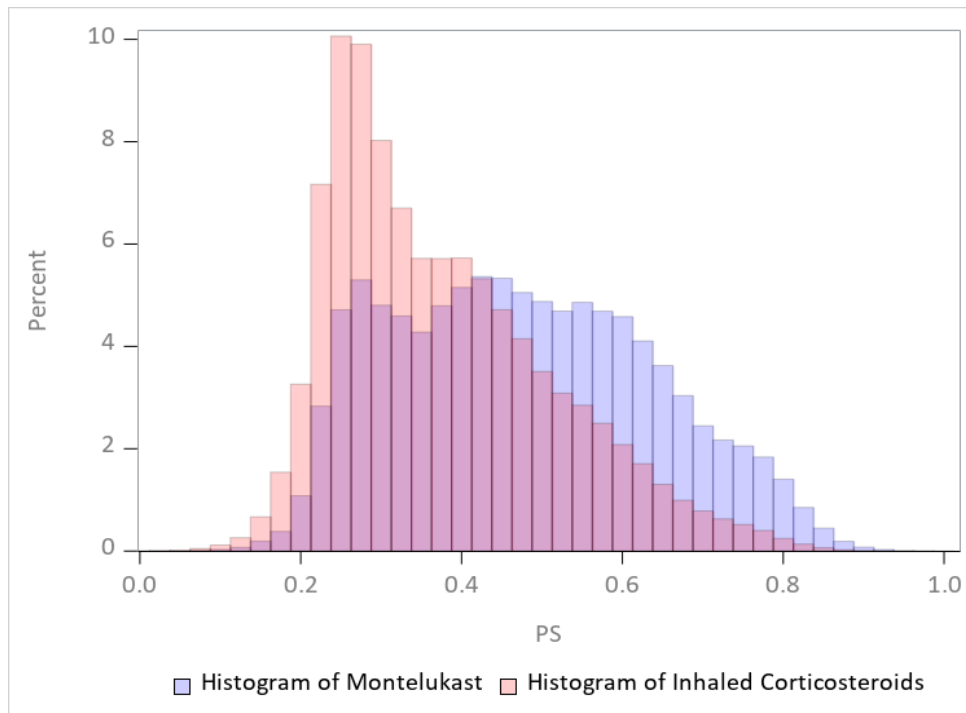
Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)





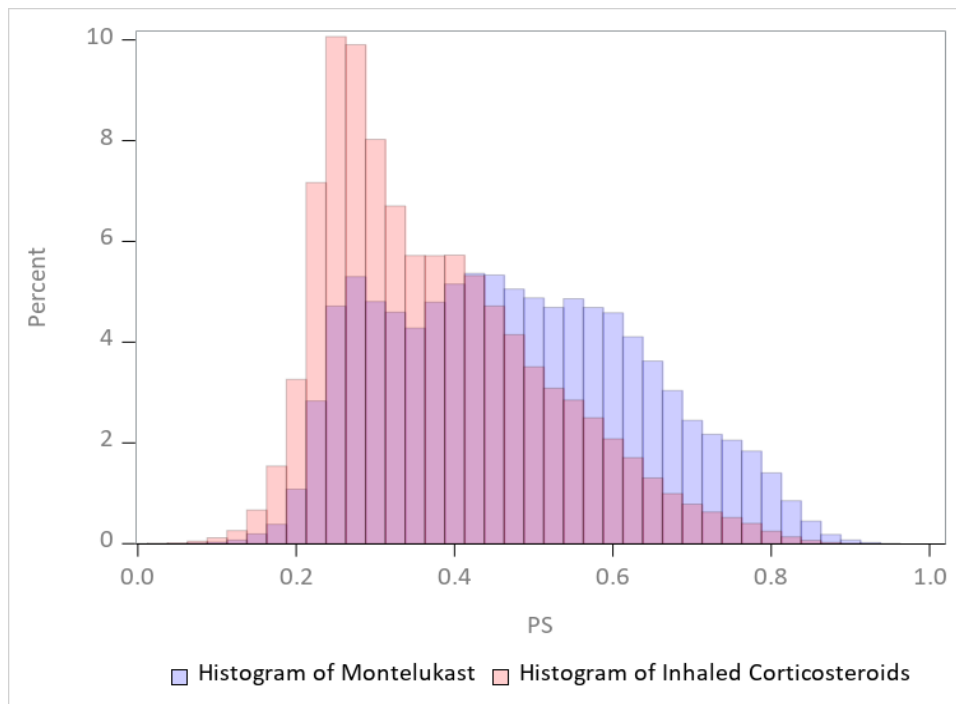
**Figure 1c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Unweighted Propensity Score Distribution Before Trimming



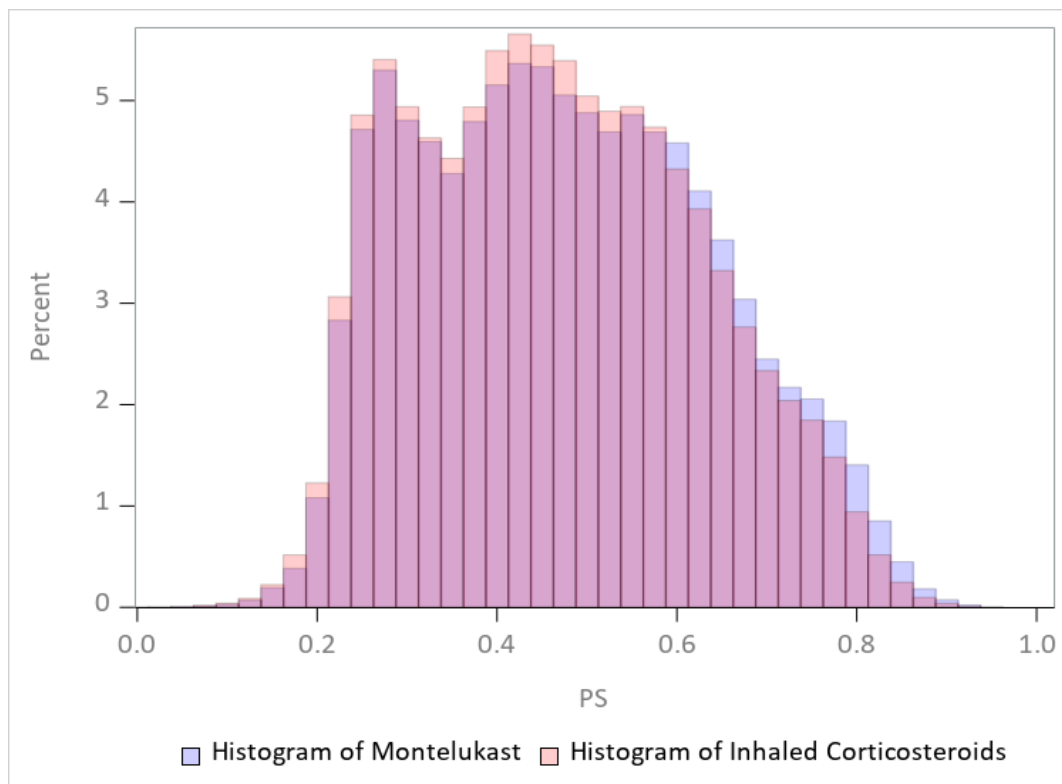
**Figure 1c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Unweighted Propensity Score Distribution After Trimming



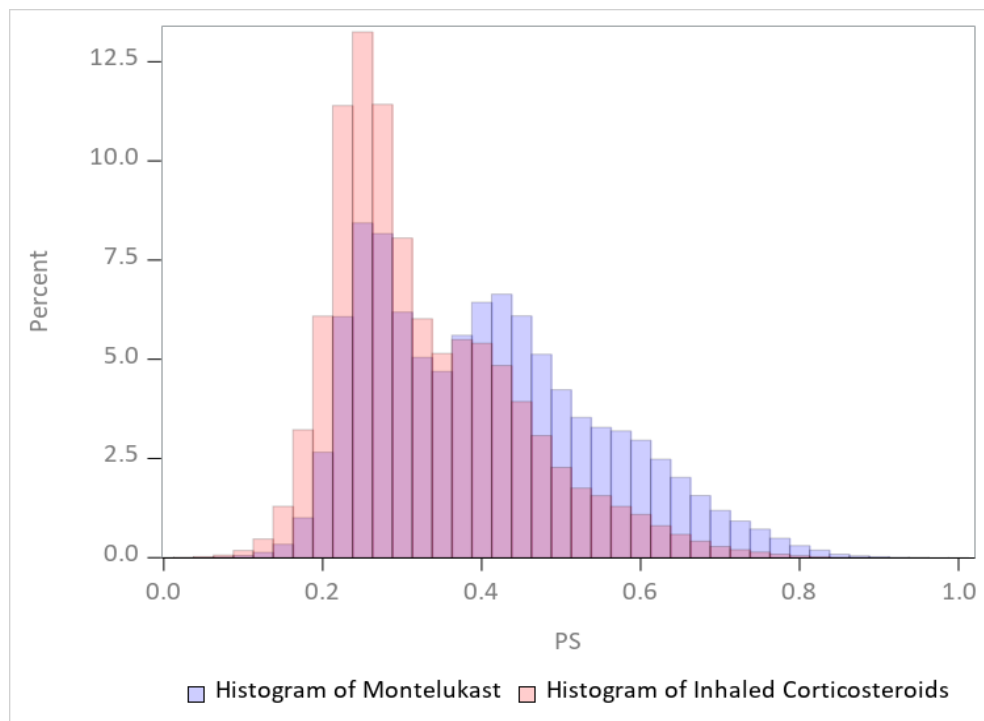
**Figure 1c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



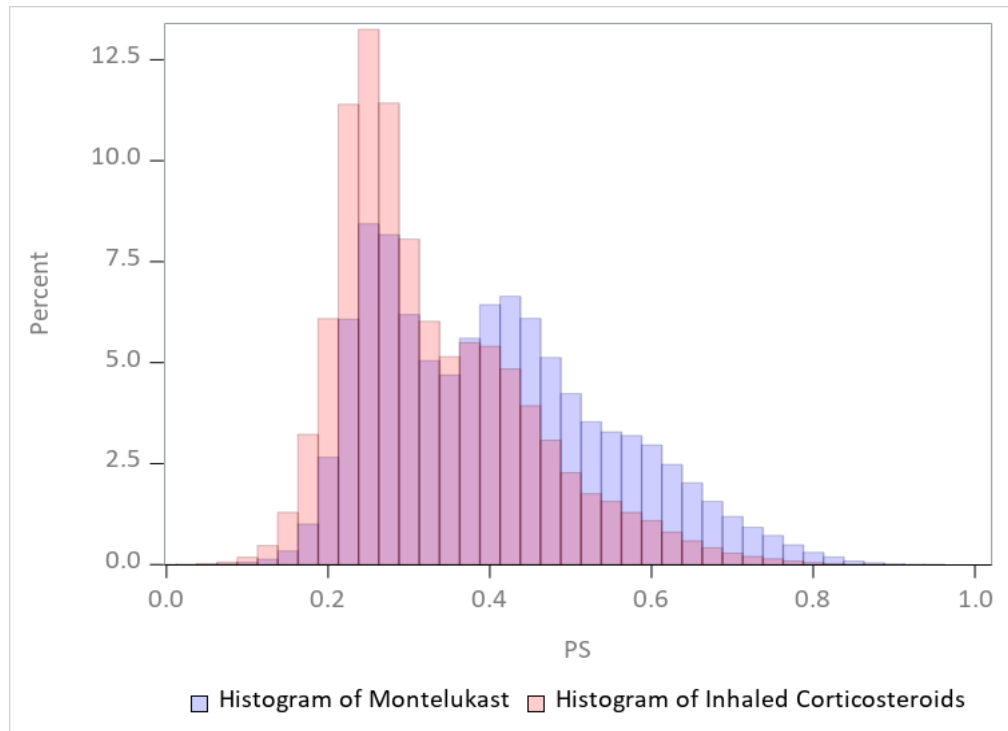
**Figure 1d. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

Unweighted Propensity Score Distribution Before Trimming



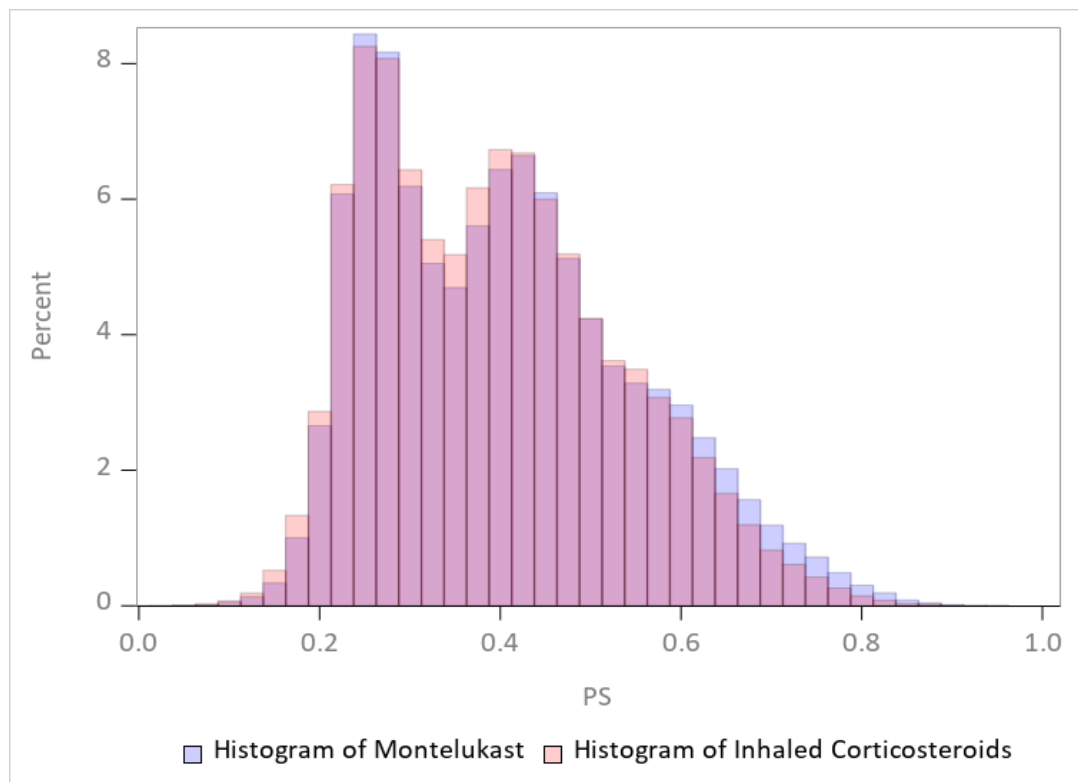
**Figure 1d. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

Unweighted Propensity Score Distribution After Trimming



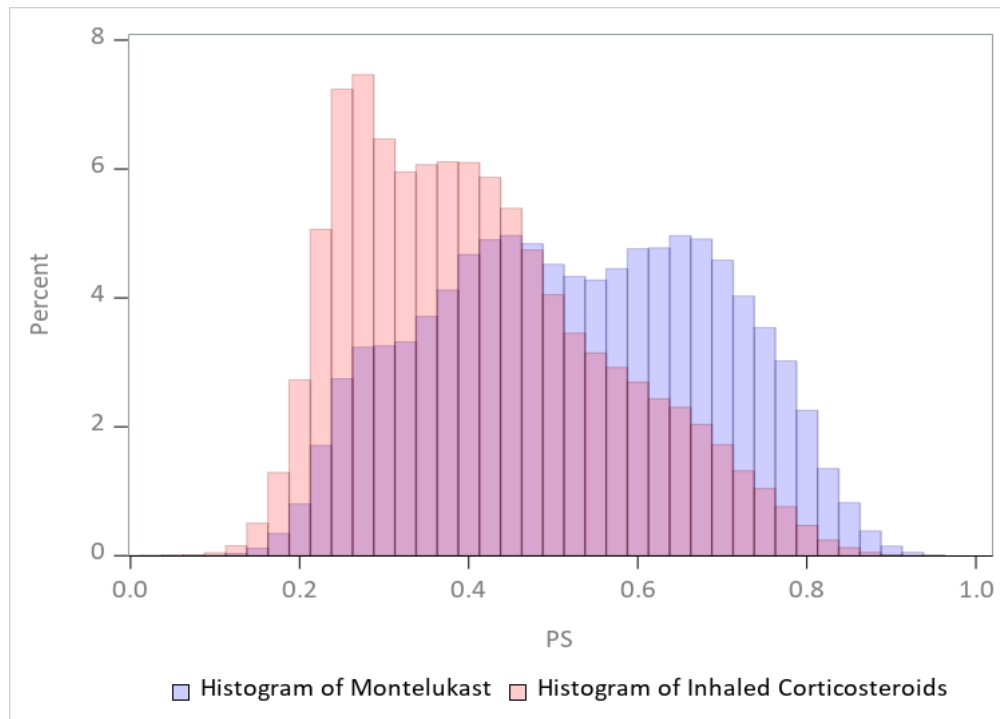
**Figure 1d. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



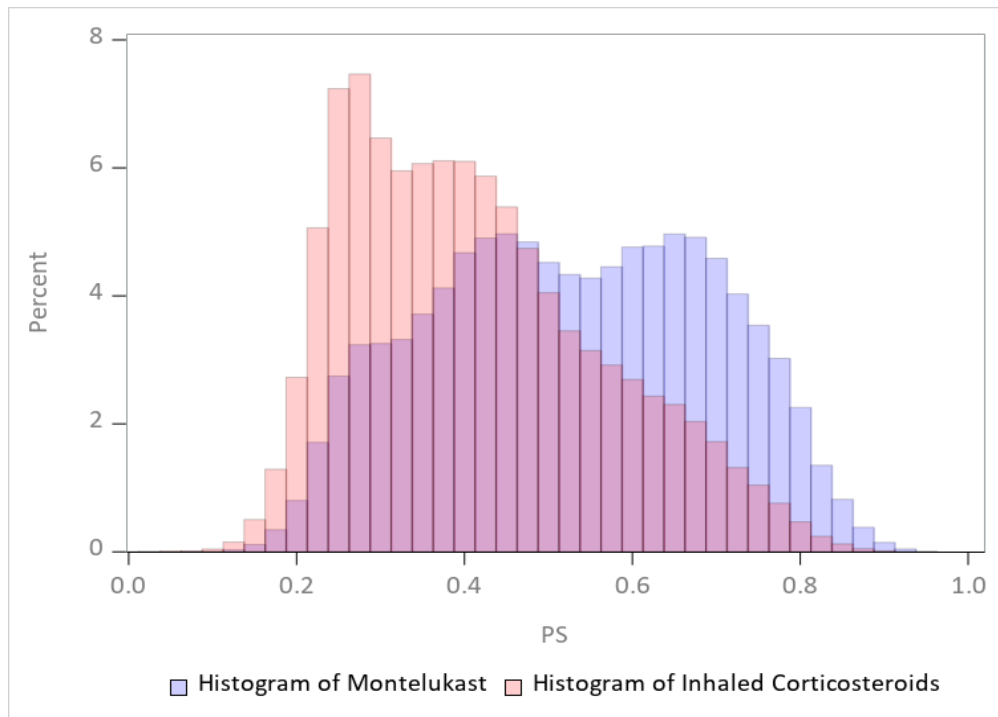
**Figure 1e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

Unweighted Propensity Score Distribution Before Trimming



**Figure 1e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

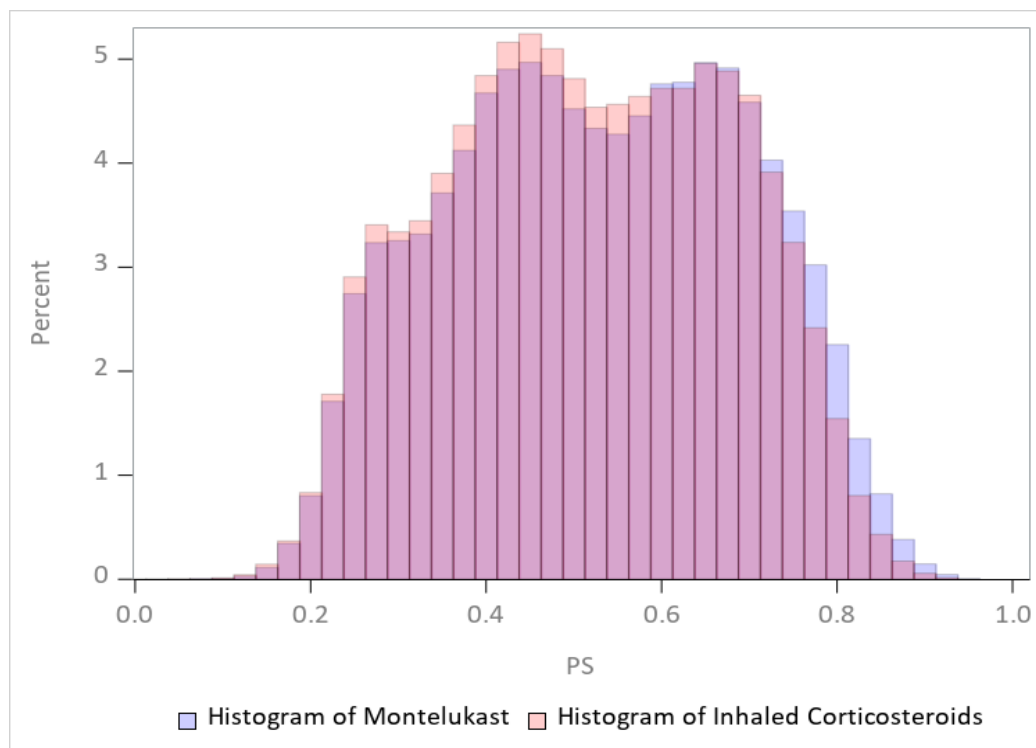
Unweighted Propensity Score Distribution After Trimming





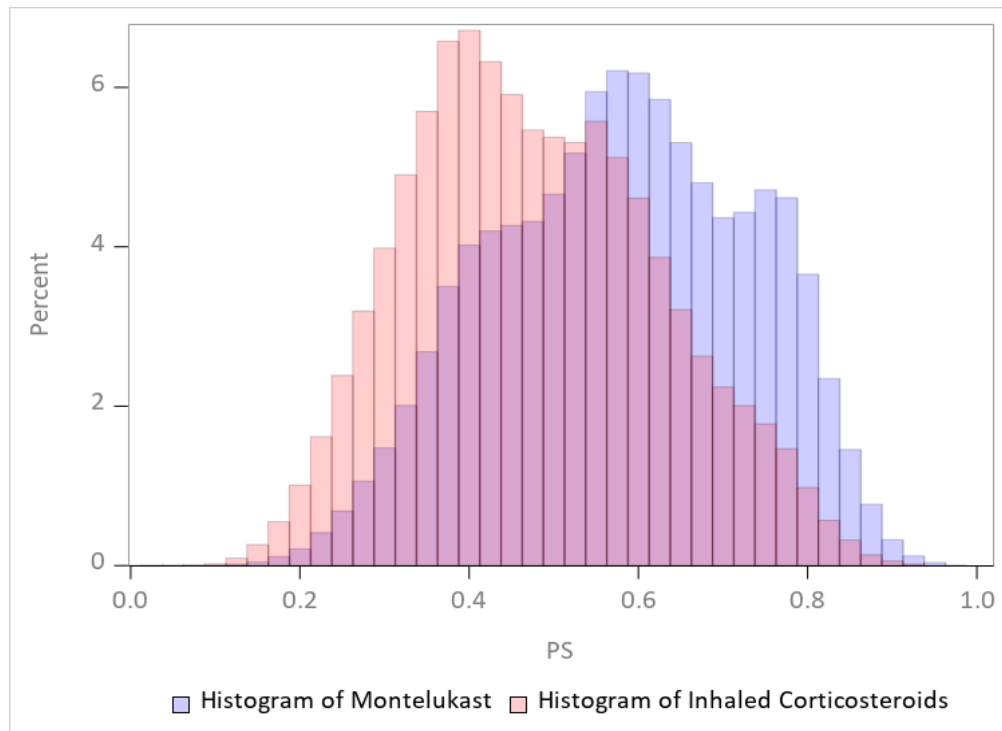
**Figure 1e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



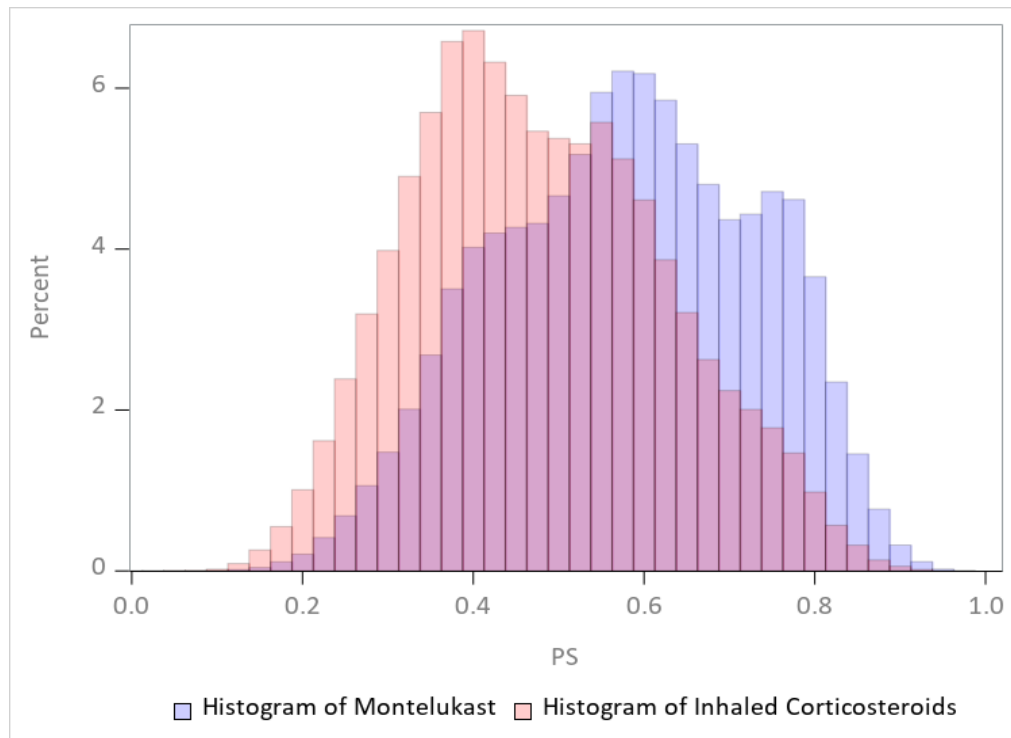
**Figure 1f. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years**

Unweighted Propensity Score Distribution Before Trimming



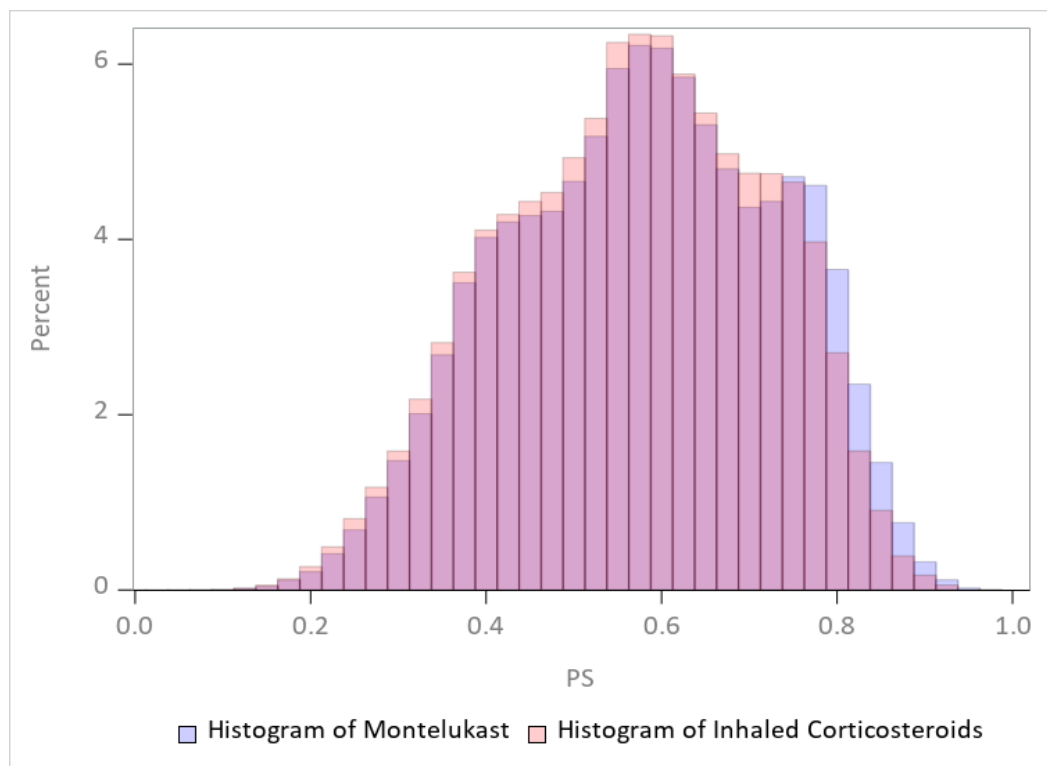
**Figure 1f. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years**

Unweighted Propensity Score Distribution After Trimming



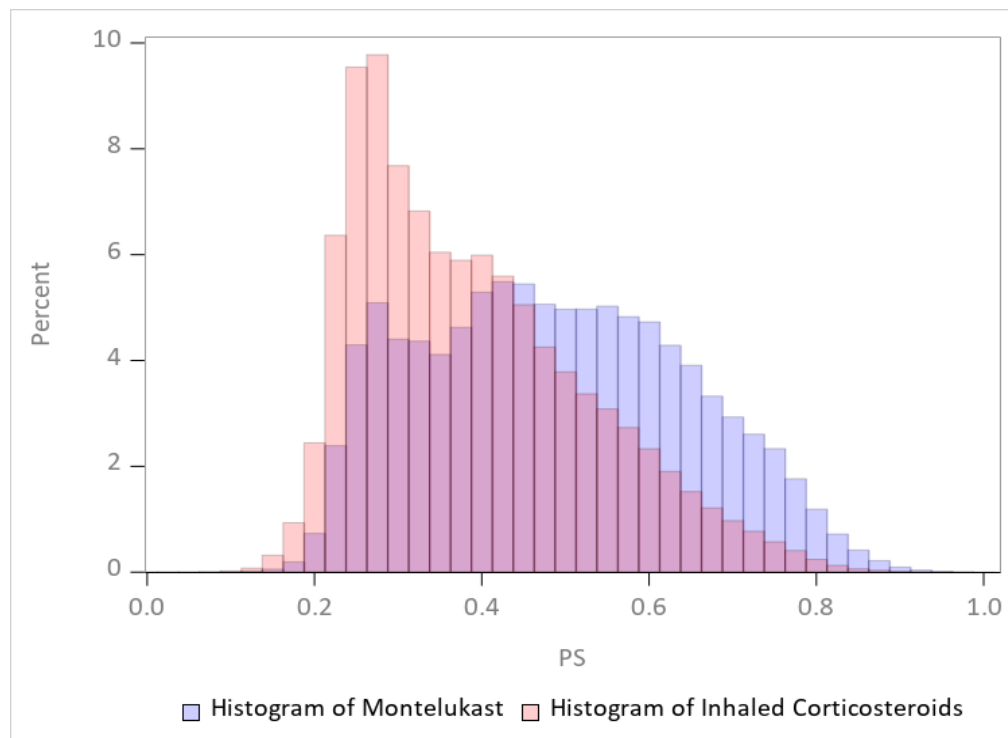
**Figure 1f. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



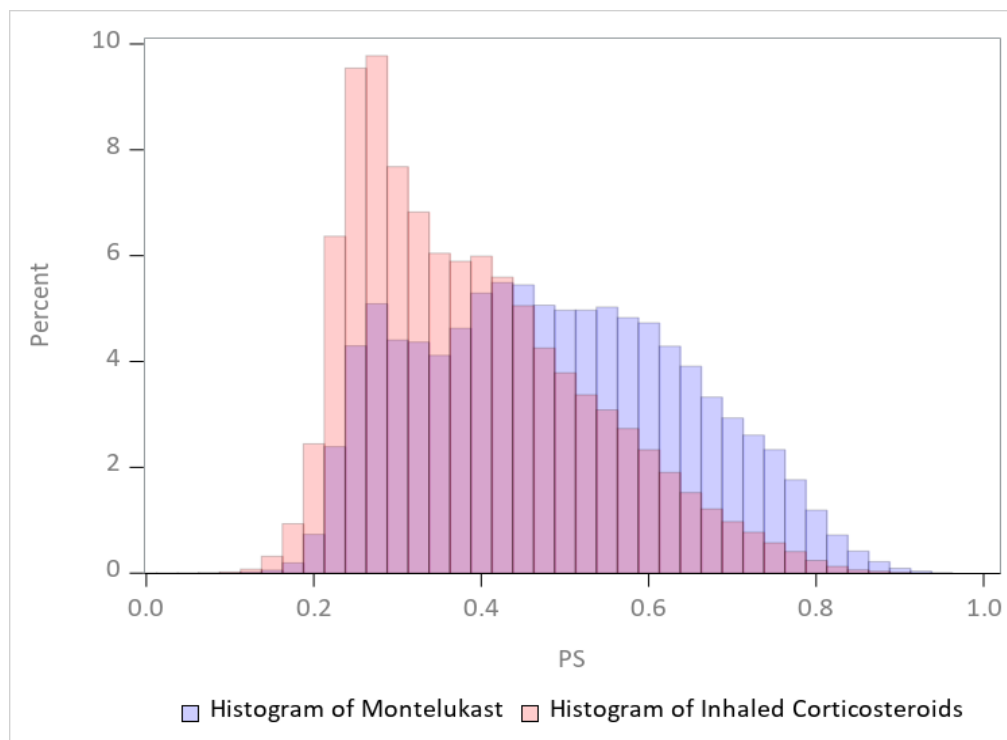
**Figure 1g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Unweighted Propensity Score Distribution Before Trimming



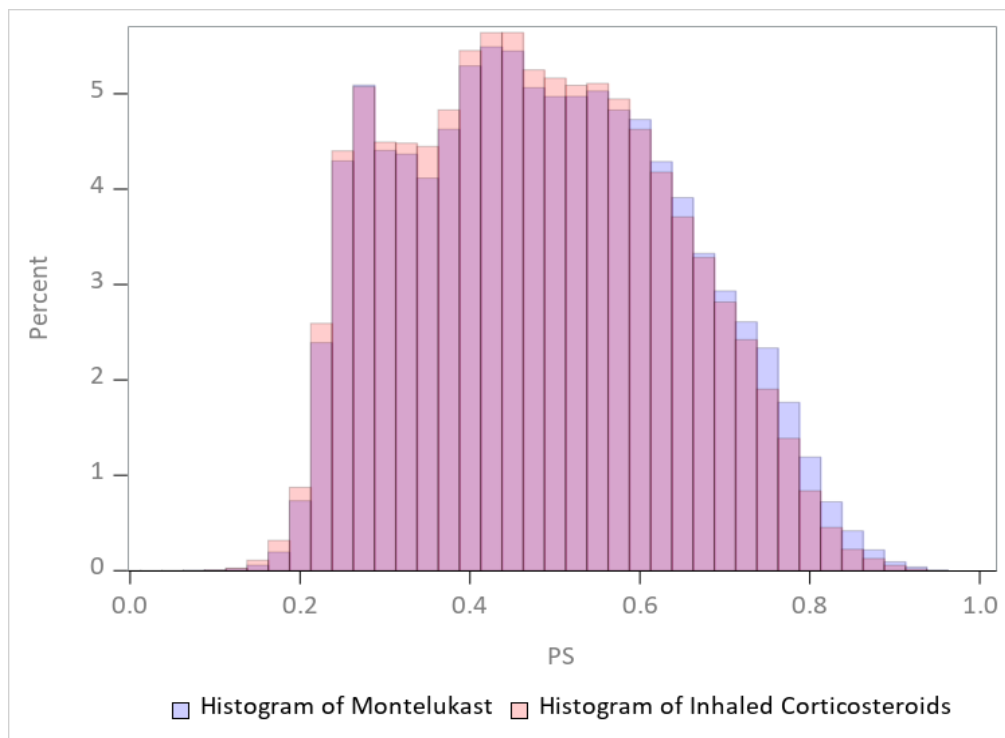
**Figure 1g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Unweighted Propensity Score Distribution After Trimming



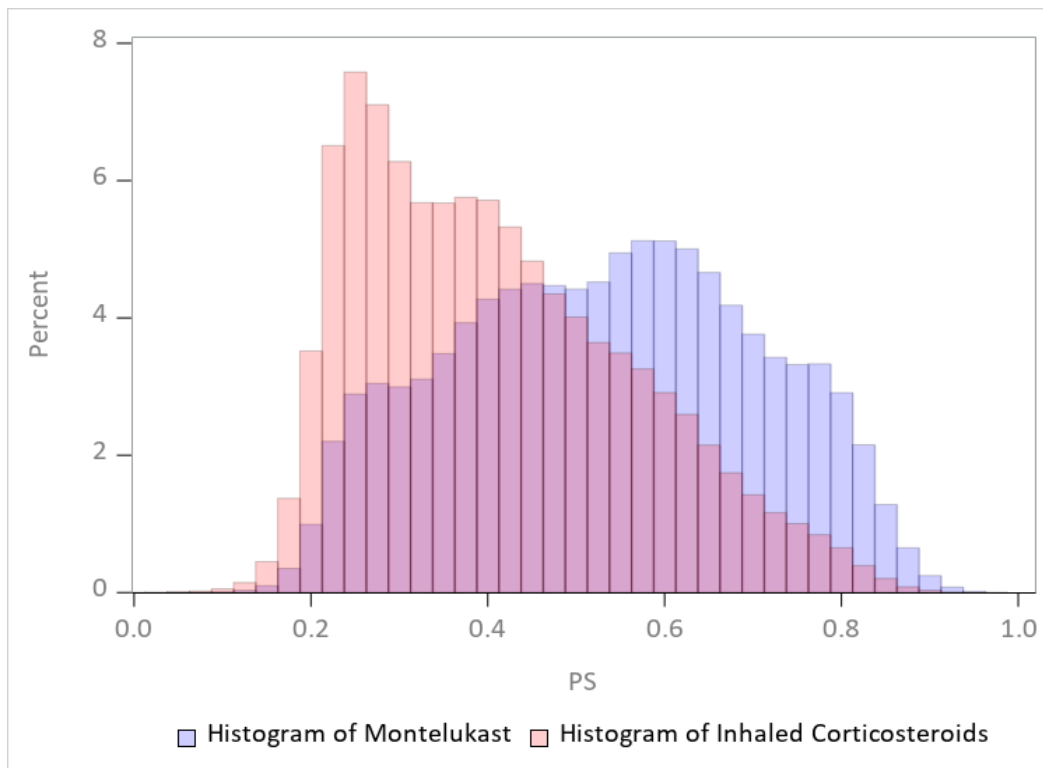
**Figure 1g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



**Figure 1h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

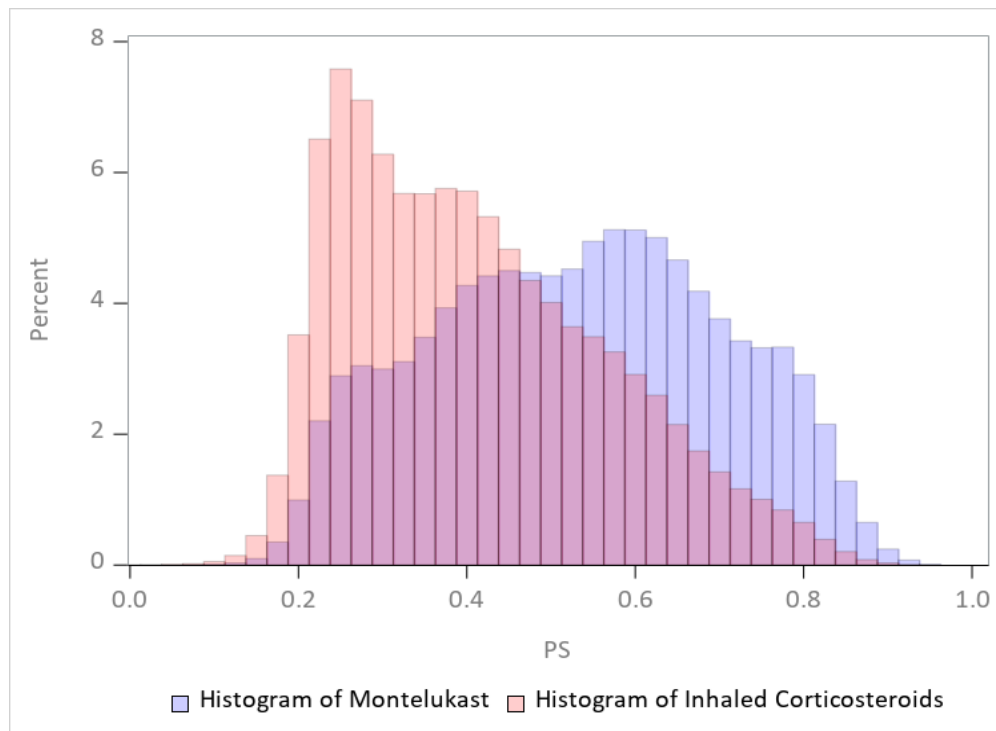
Unweighted Propensity Score Distribution Before Trimming





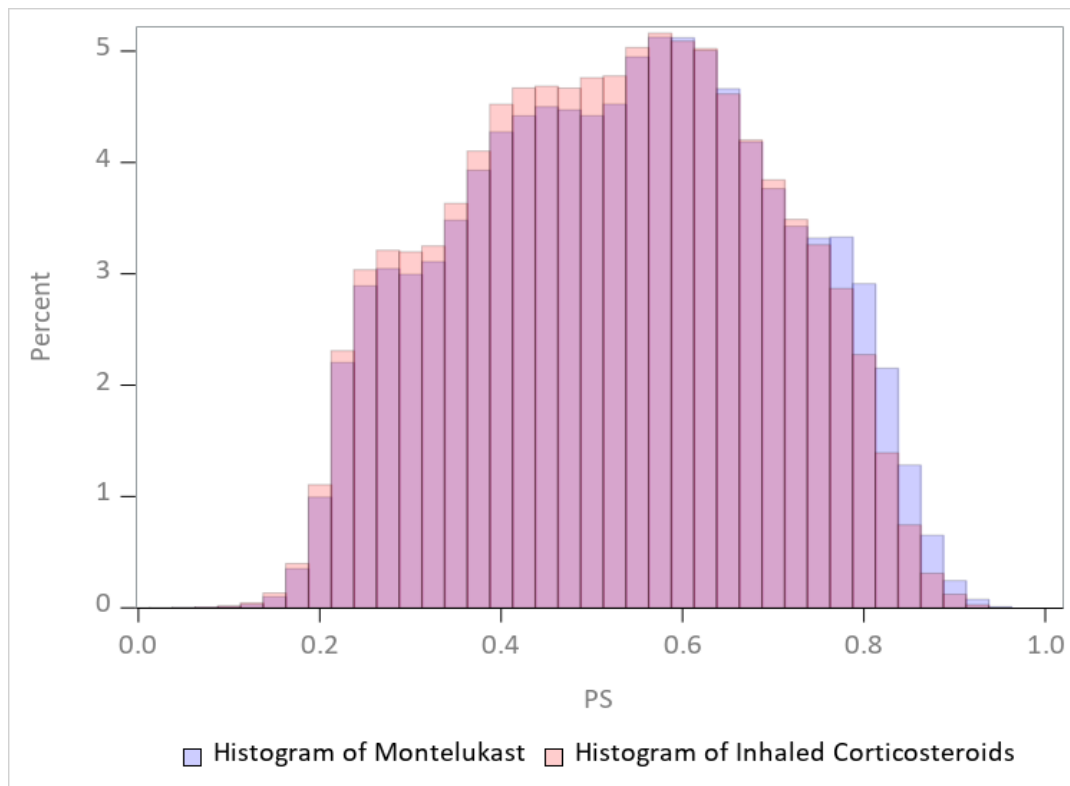
**Figure 1h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Unweighted Propensity Score Distribution After Trimming



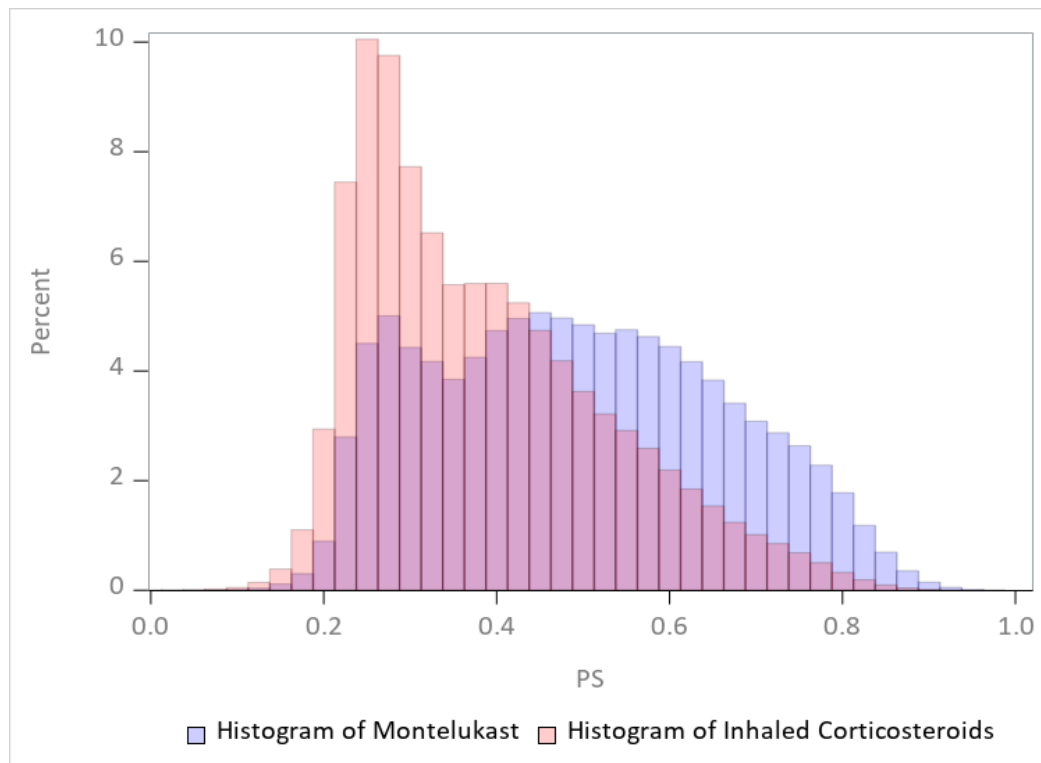
**Figure 1h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



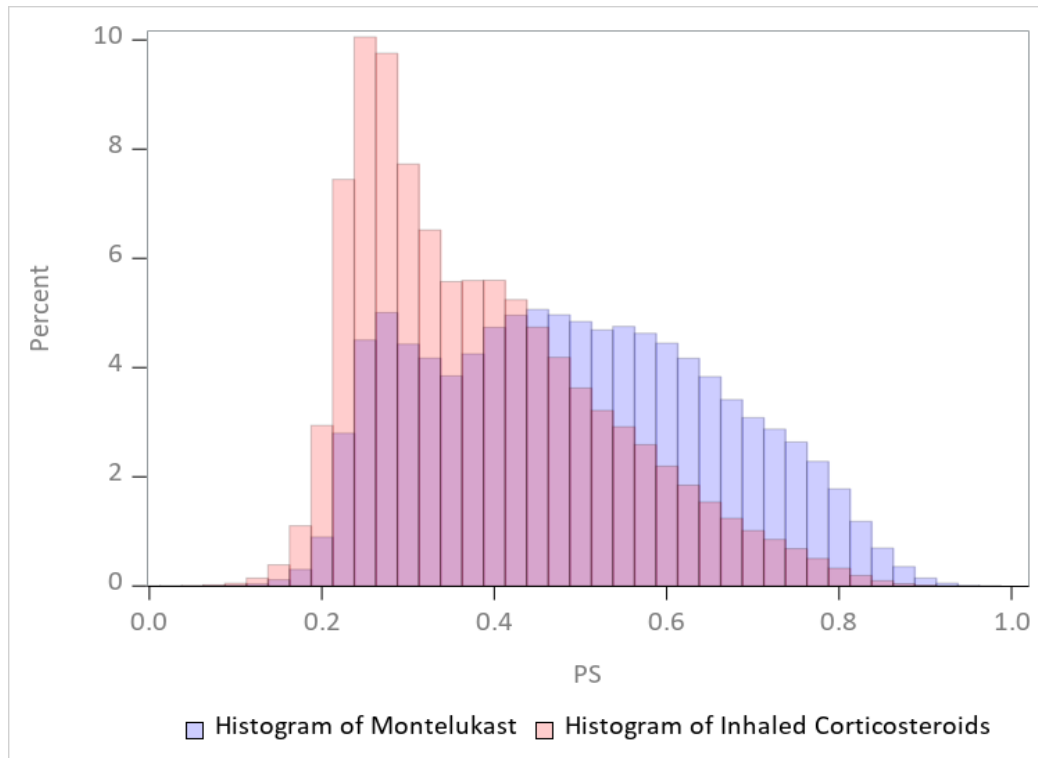
**Figure 1i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Unweighted Propensity Score Distribution Before Trimming



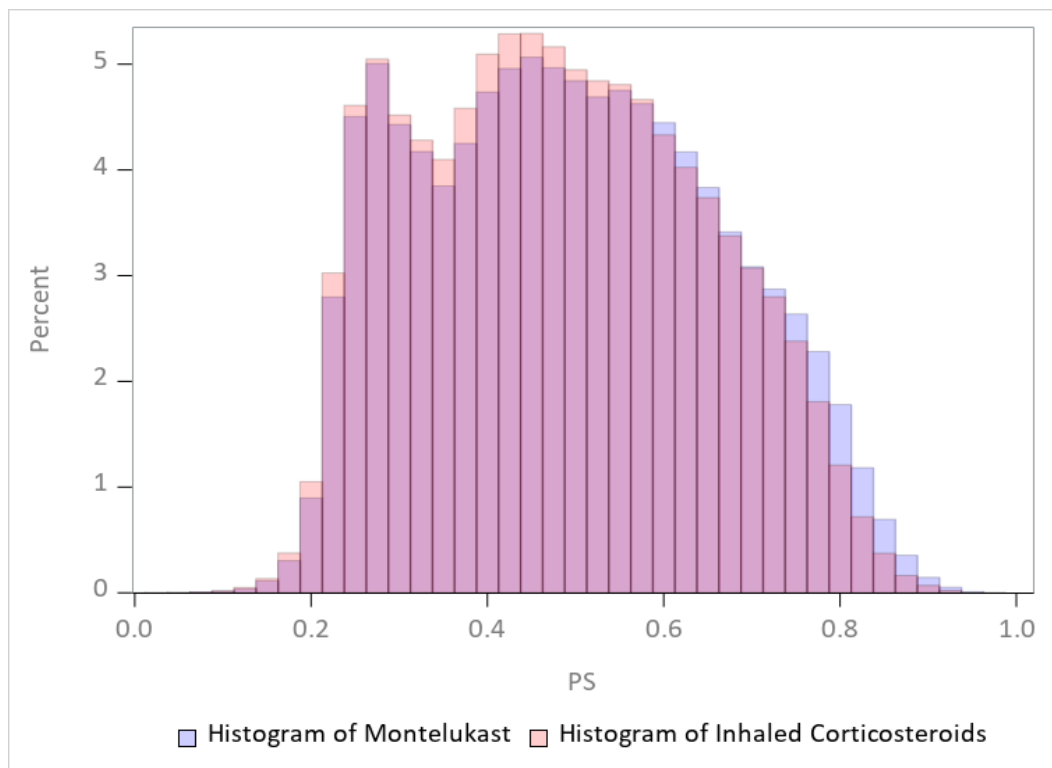
**Figure 1i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Unweighted Propensity Score Distribution After Trimming



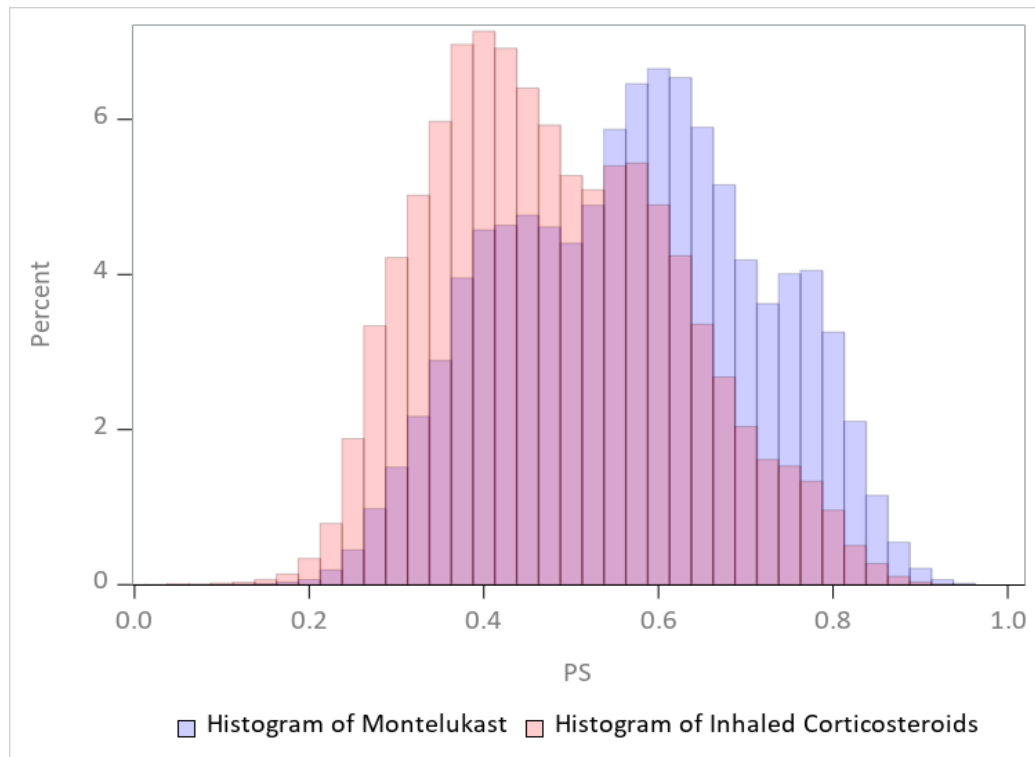
**Figure 1i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



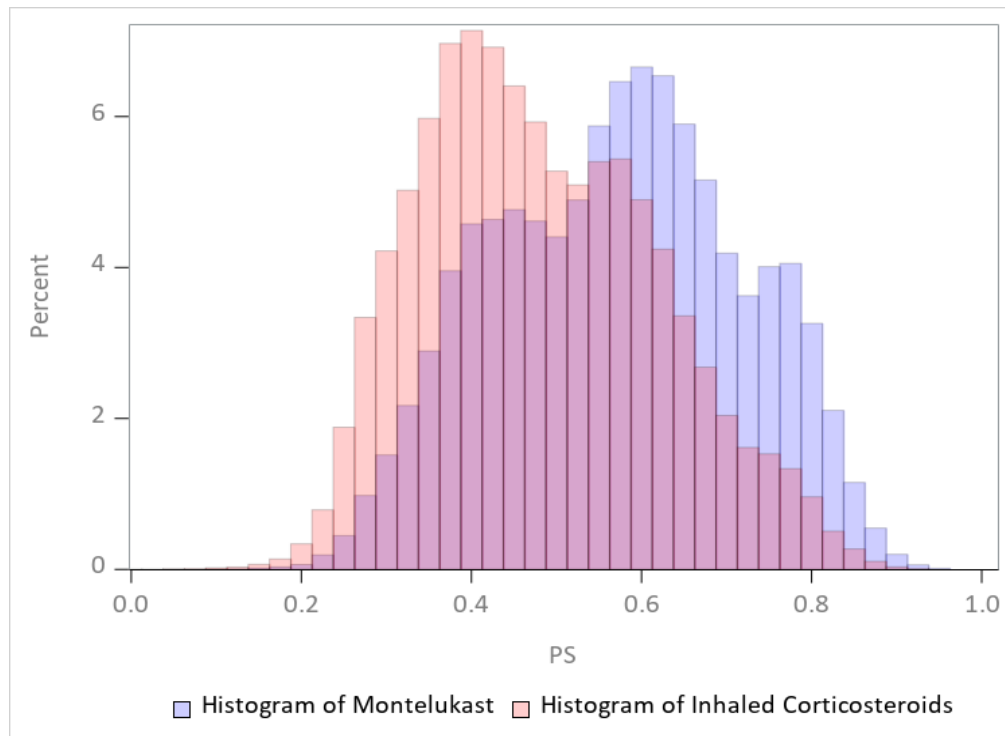
**Figure 1j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Unweighted Propensity Score Distribution Before Trimming



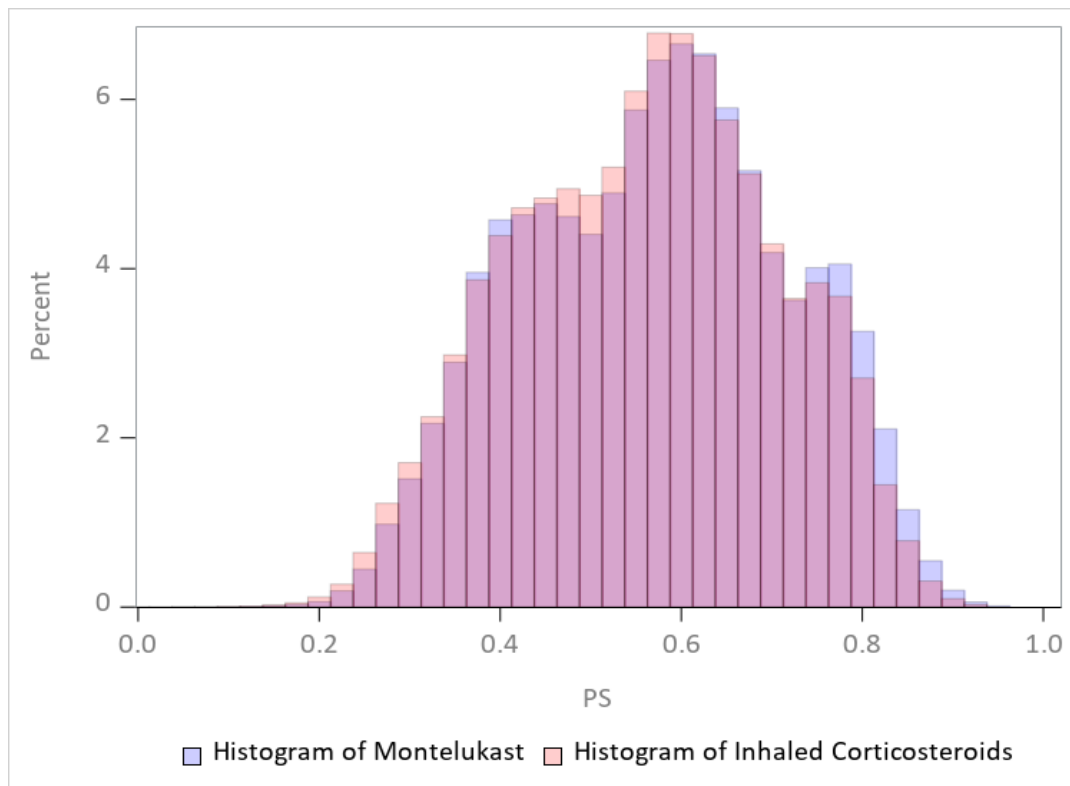
**Figure 1j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Unweighted Propensity Score Distribution After Trimming



**Figure 1j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

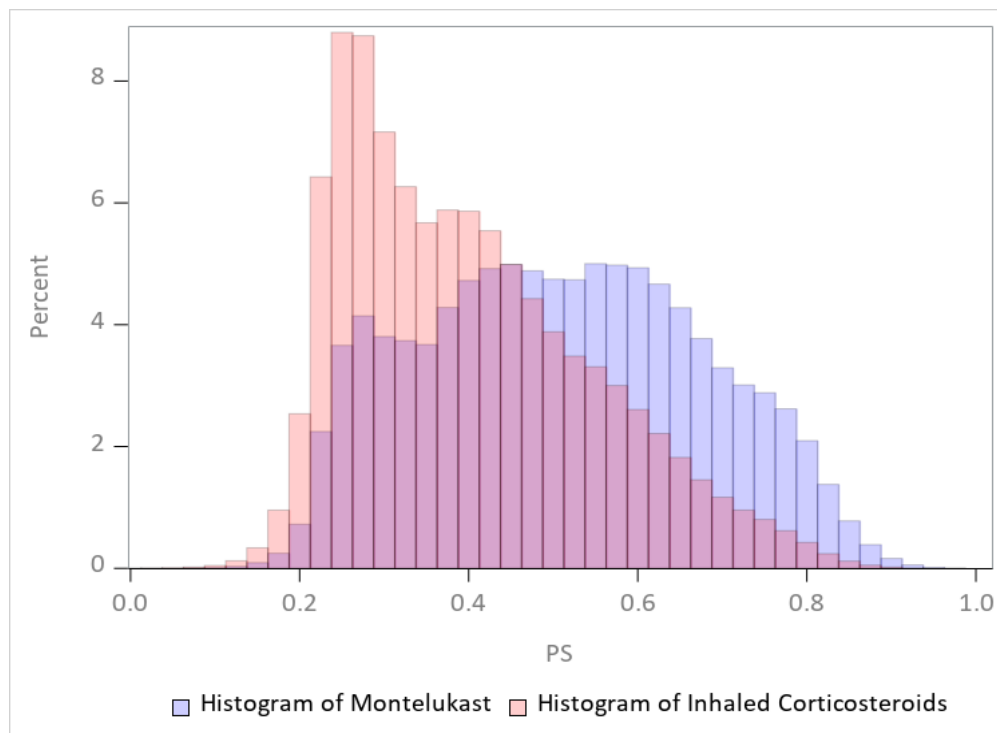
Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)





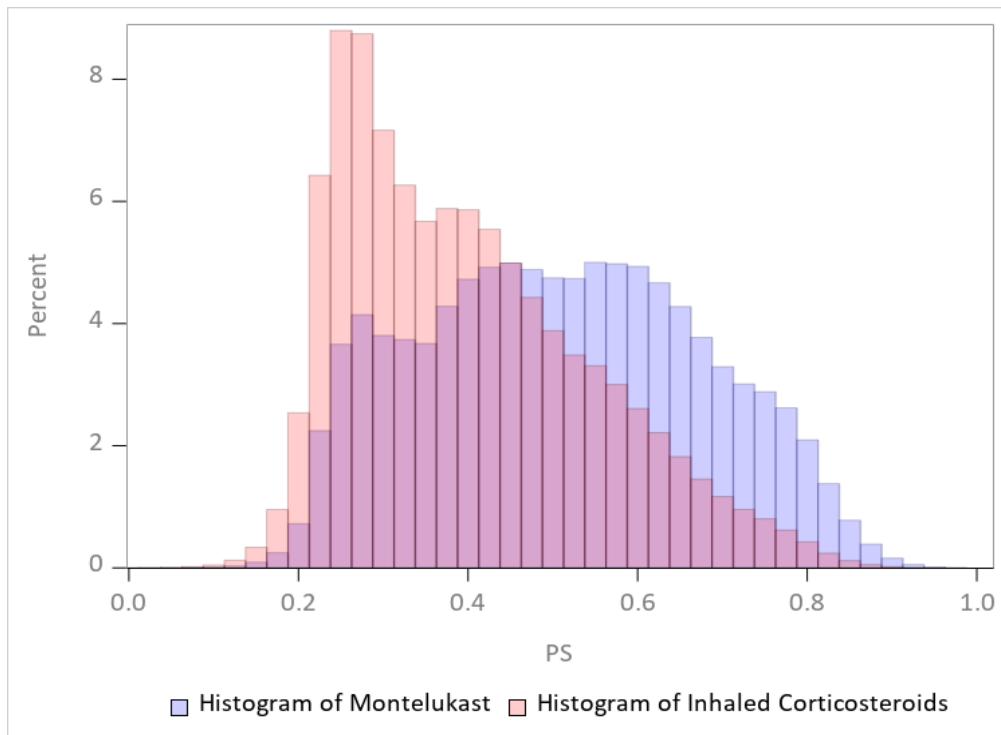
**Figure 2a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Unweighted Propensity Score Distribution Before Trimming



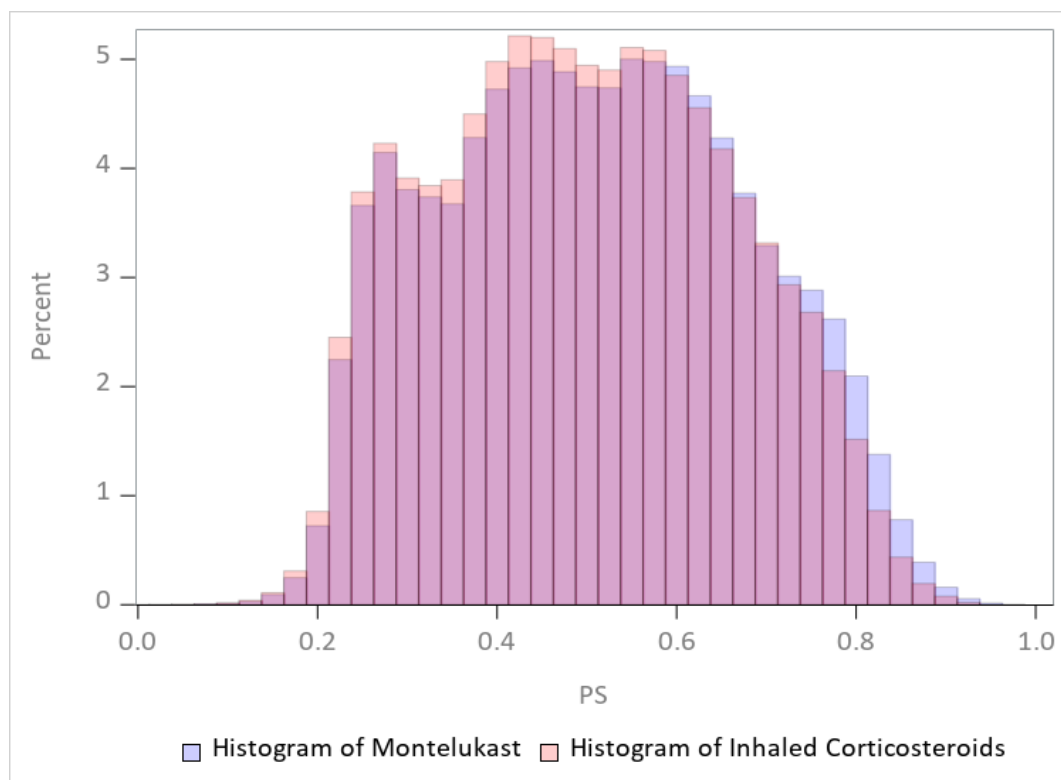
**Figure 2a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Unweighted Propensity Score Distribution After Trimming



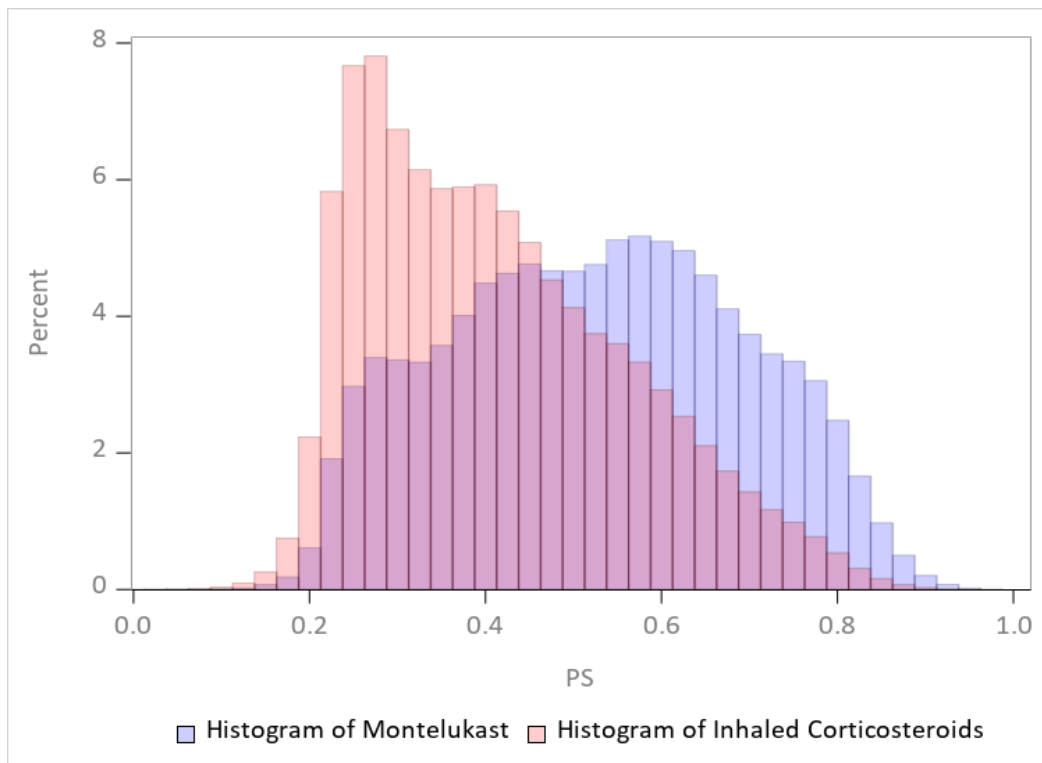
**Figure 2a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



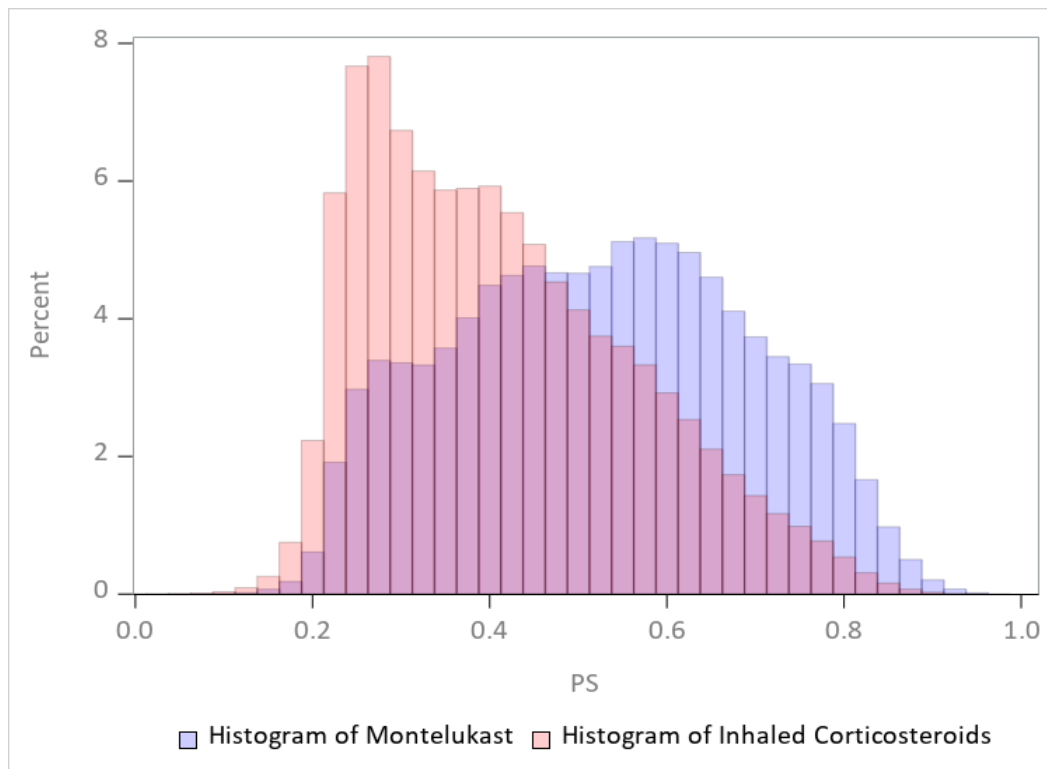
**Figure 2b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Unweighted Propensity Score Distribution Before Trimming



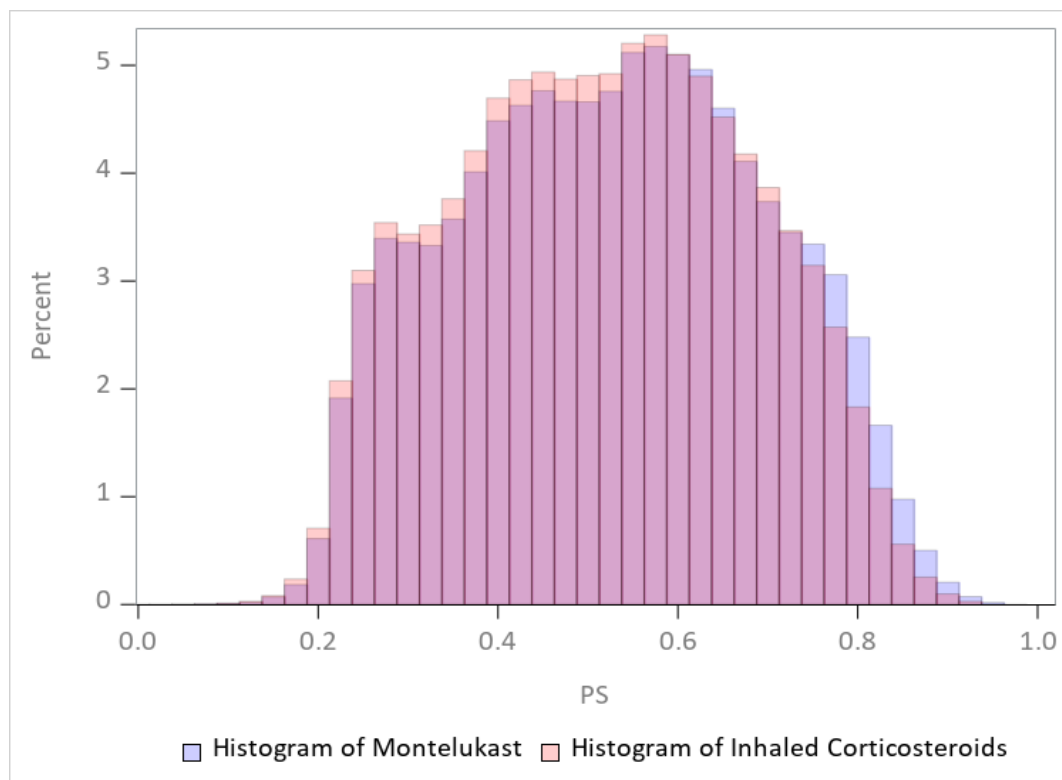
**Figure 2b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Unweighted Propensity Score Distribution After Trimming



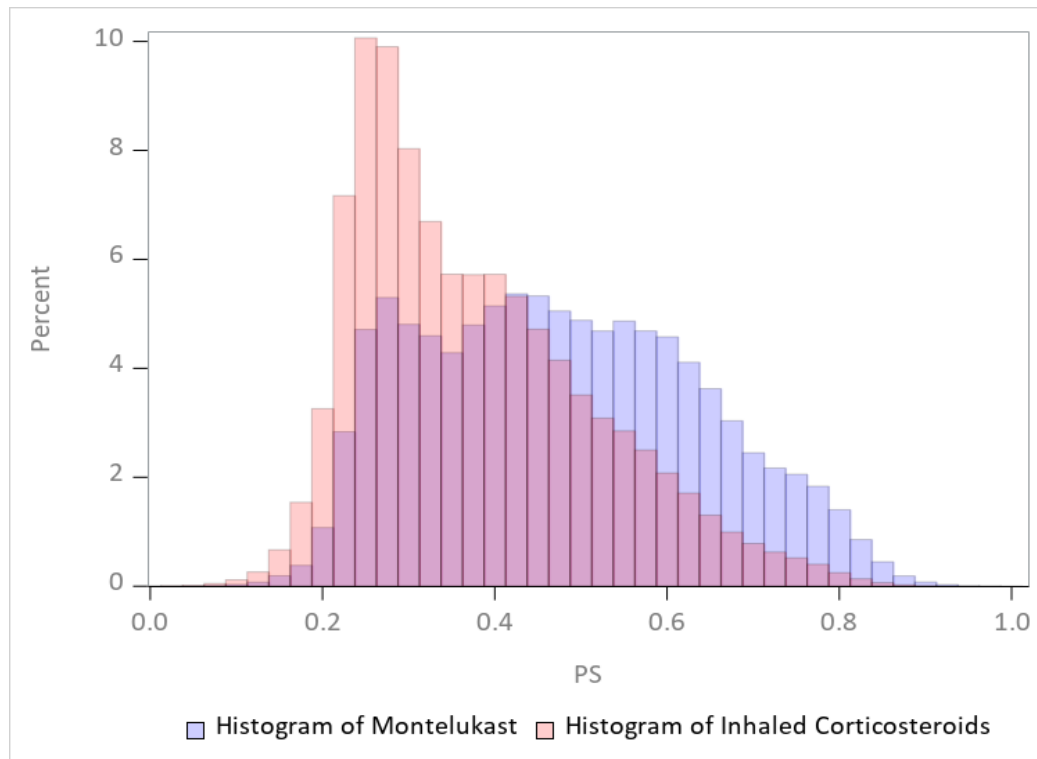
**Figure 2b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



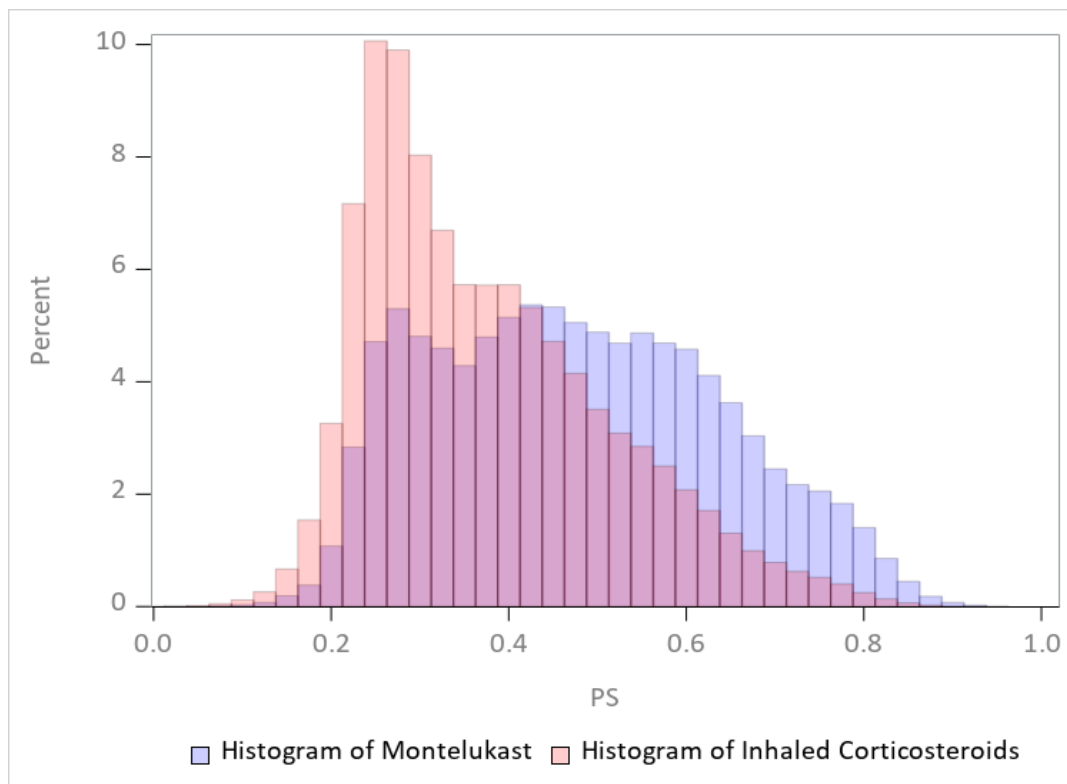
**Figure 2c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Unweighted Propensity Score Distribution Before Trimming



**Figure 2c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

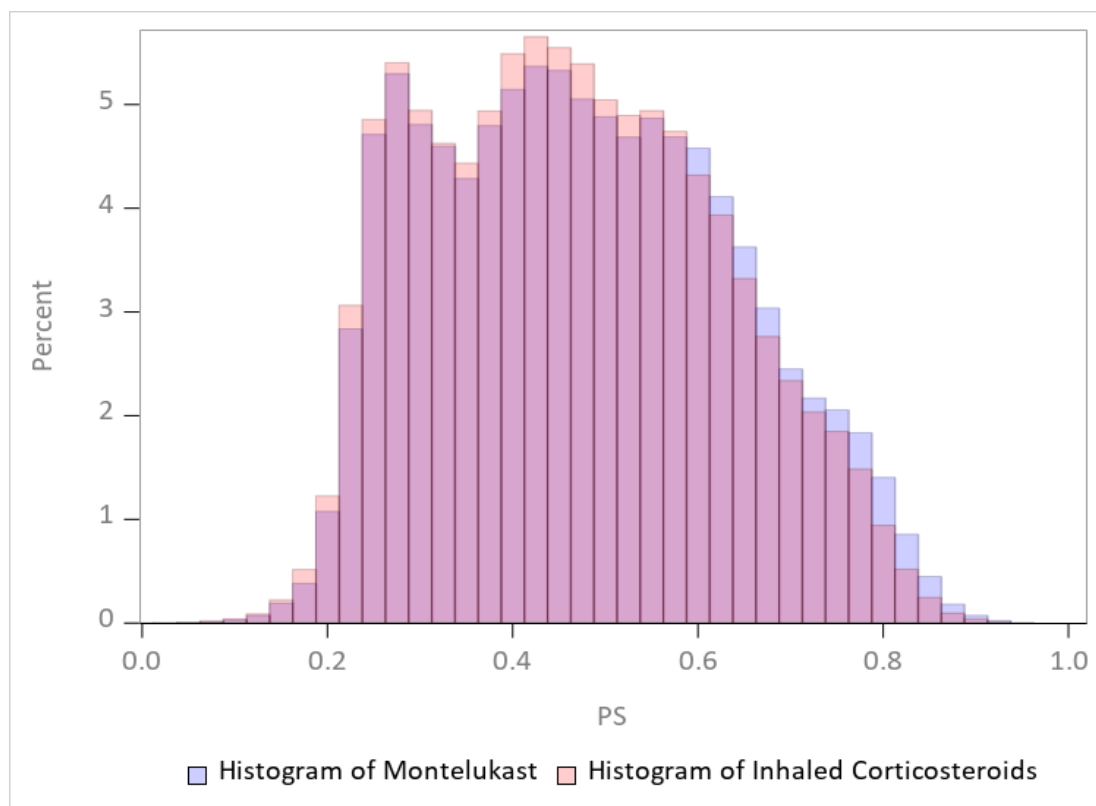
Unweighted Propensity Score Distribution After Trimming





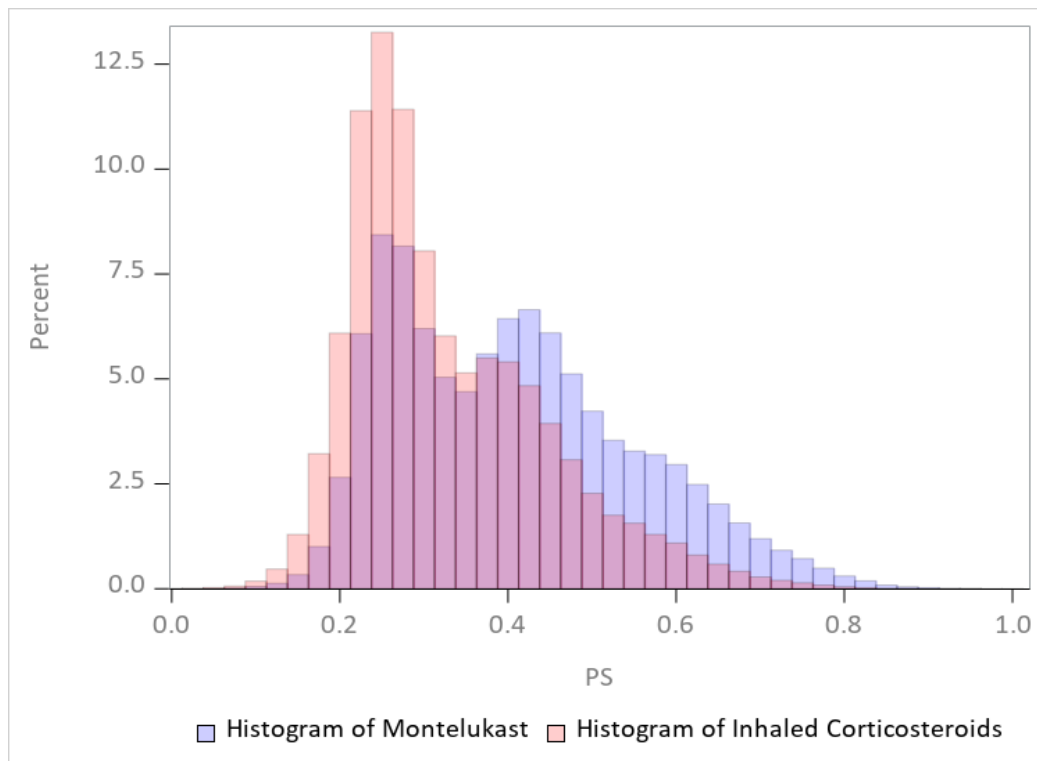
**Figure 2c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



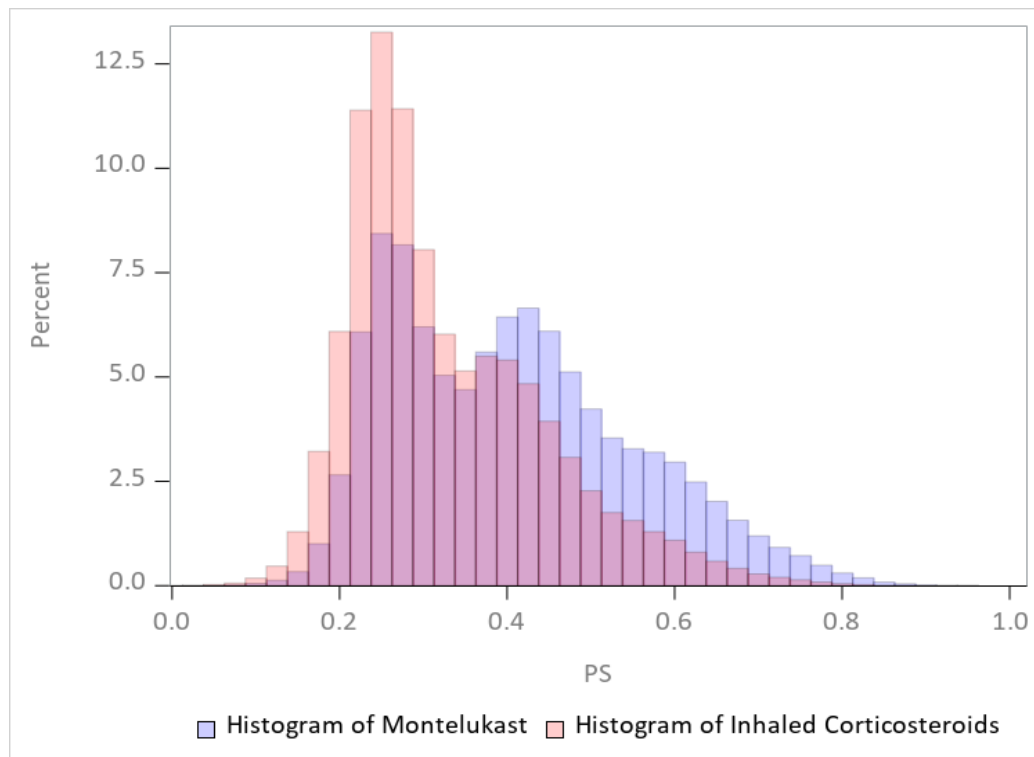
**Figure 2d. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

Unweighted Propensity Score Distribution Before Trimming



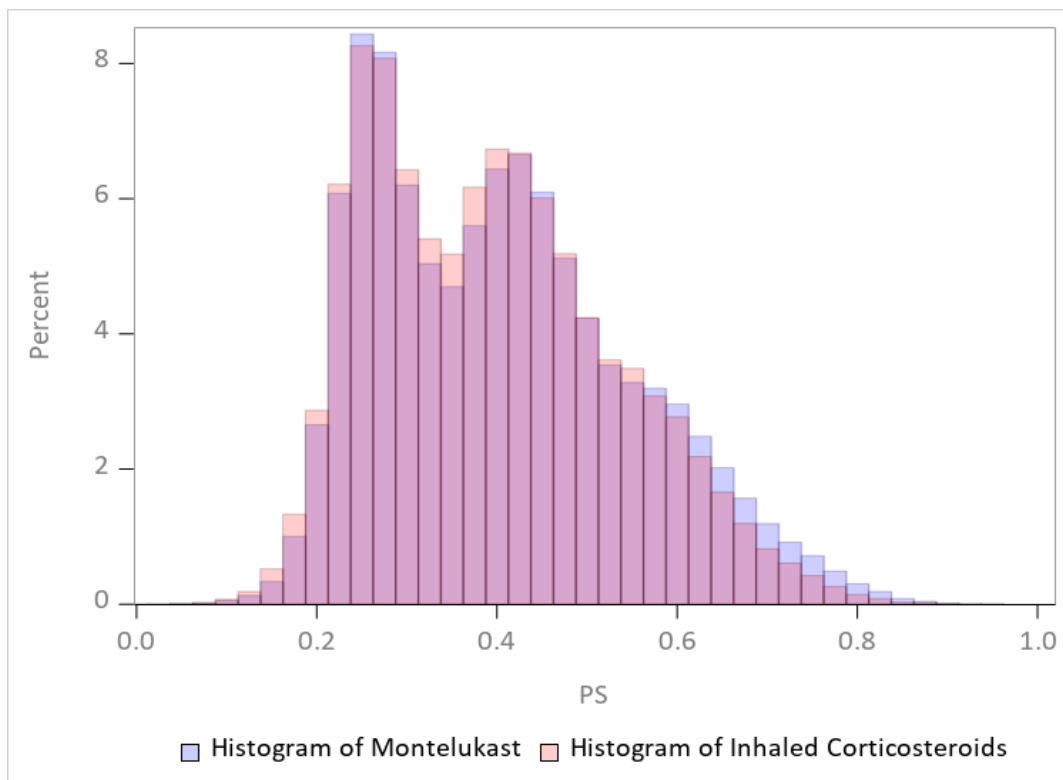
**Figure 2d. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

Unweighted Propensity Score Distribution After Trimming



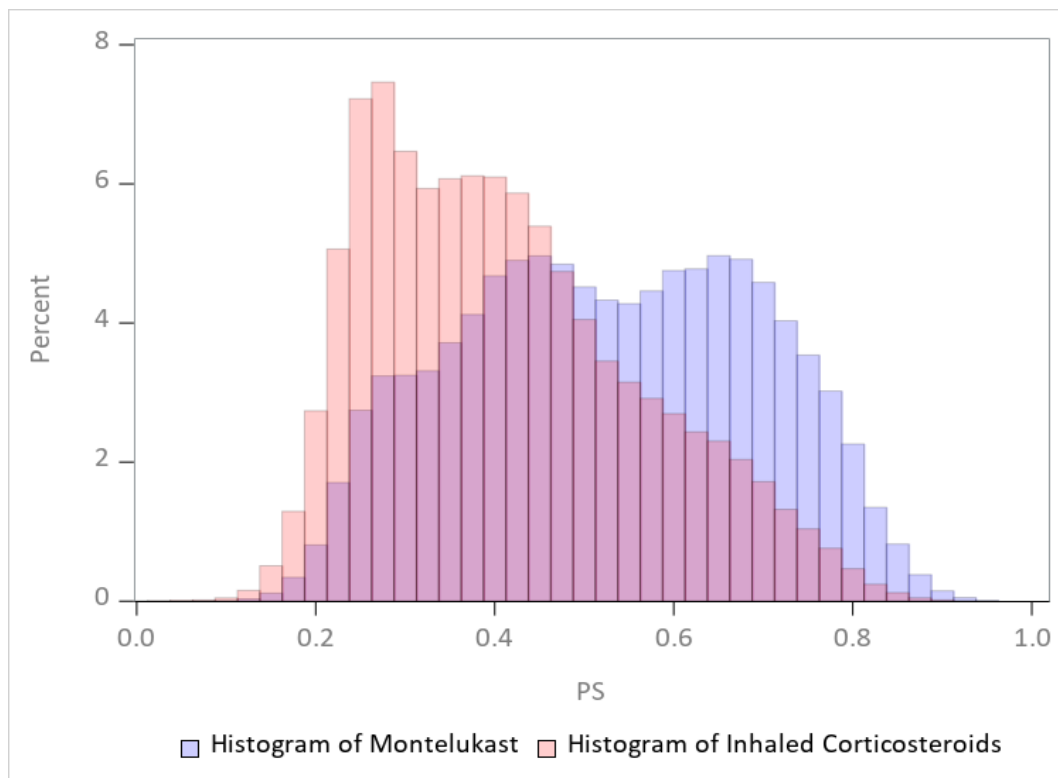
**Figure 2d. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



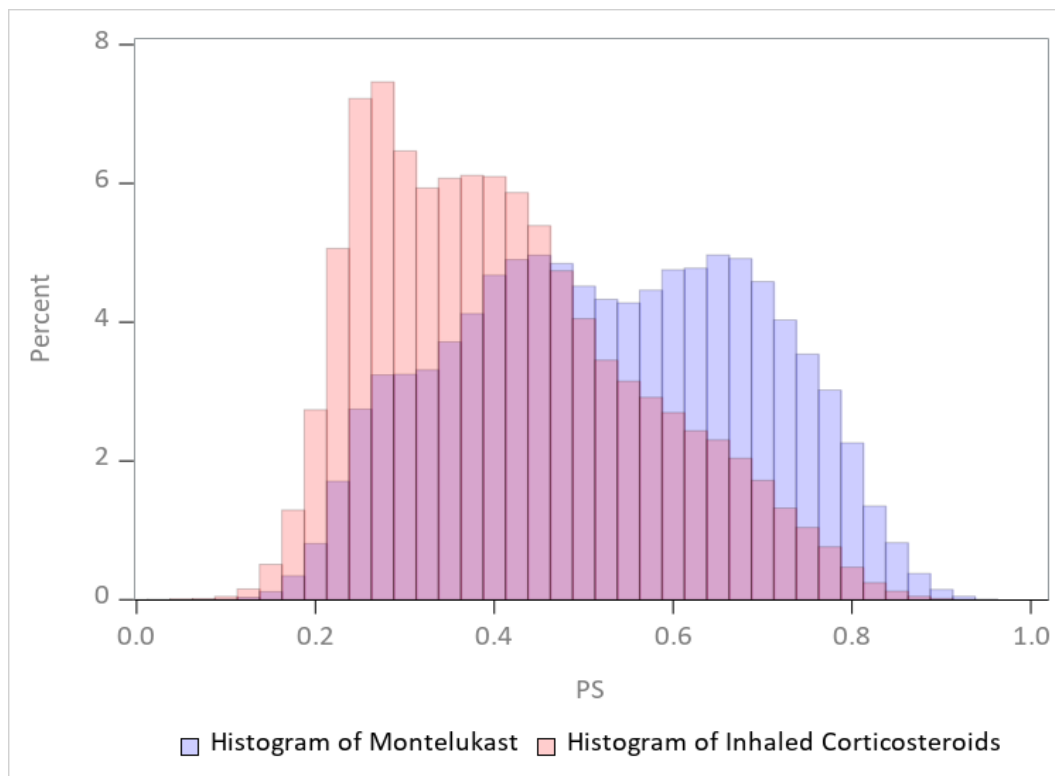
**Figure 2e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

Unweighted Propensity Score Distribution Before Trimming



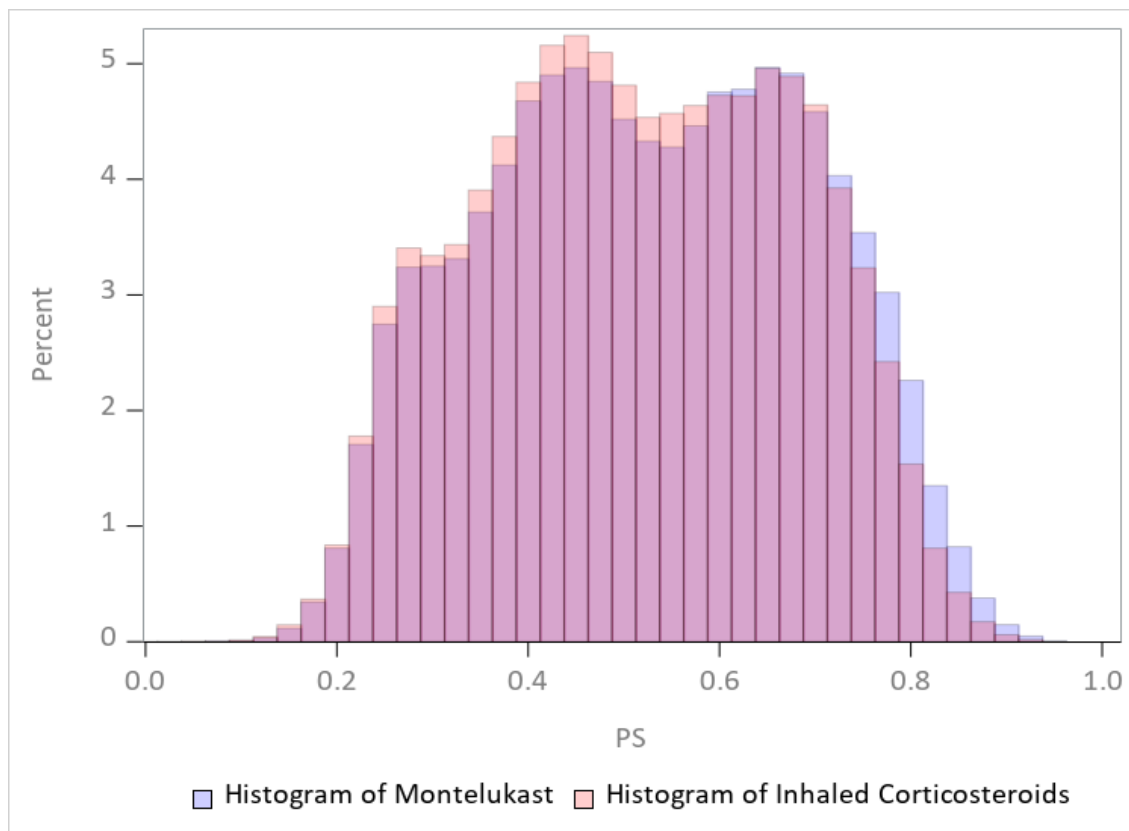
**Figure 2e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

Unweighted Propensity Score Distribution After Trimming



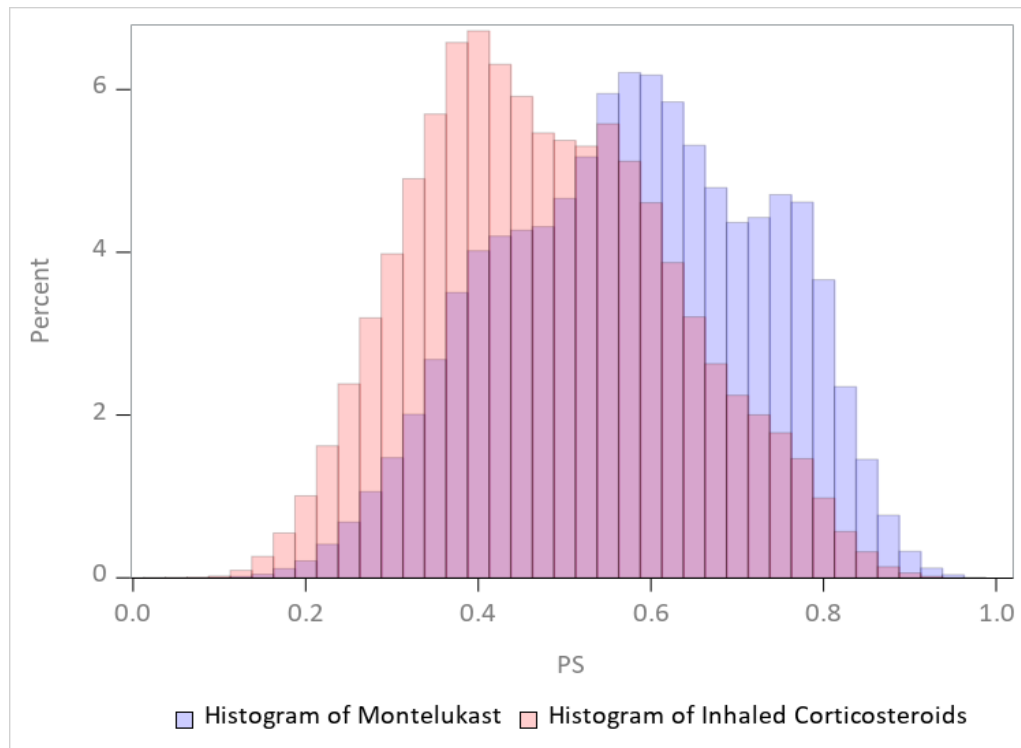
**Figure 2e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



**Figure 2f. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 years**

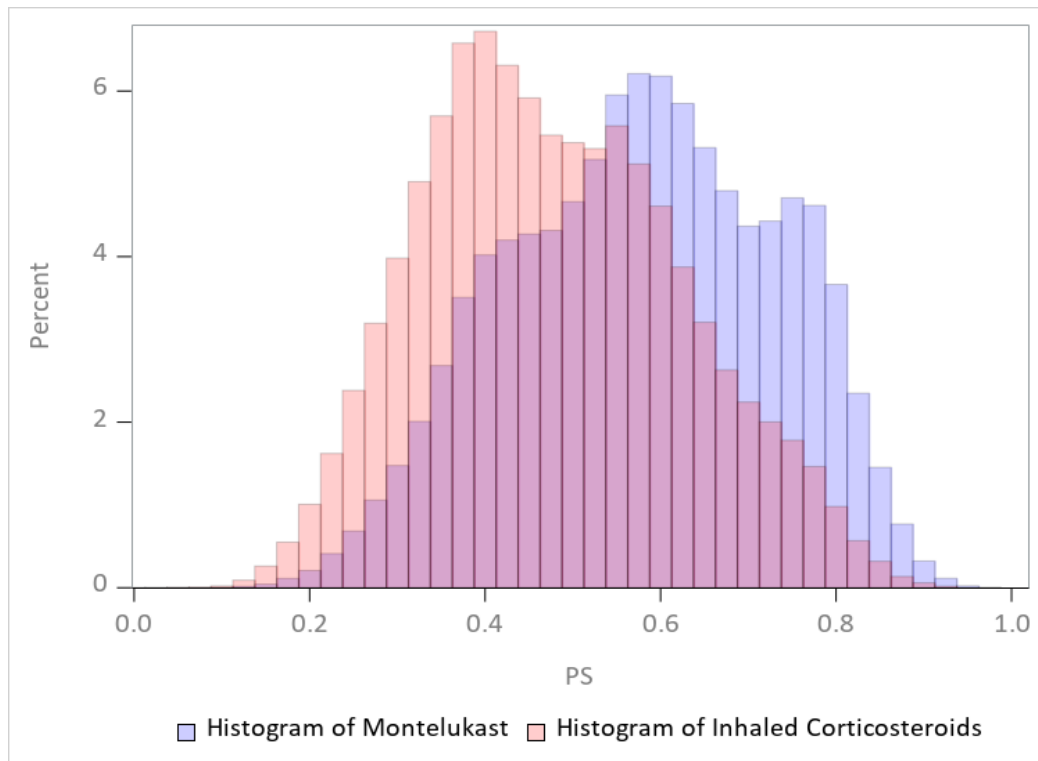
Unweighted Propensity Score Distribution Before Trimming





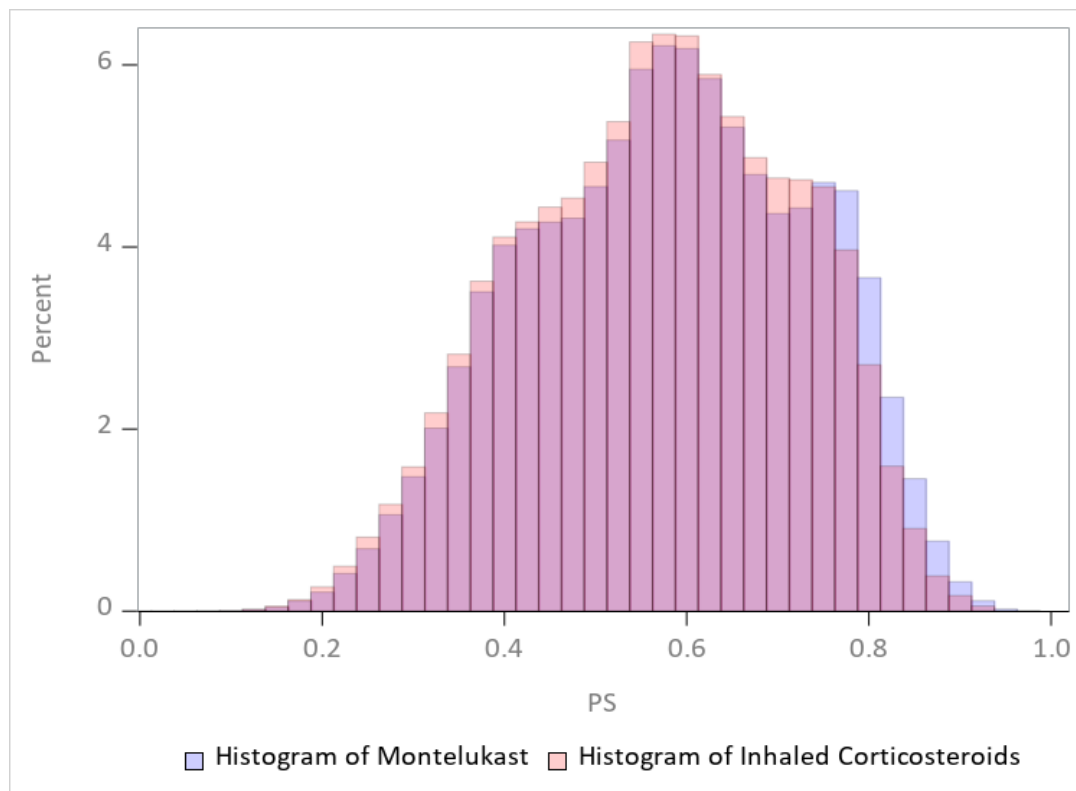
**Figure 2f. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 years**

Unweighted Propensity Score Distribution After Trimming



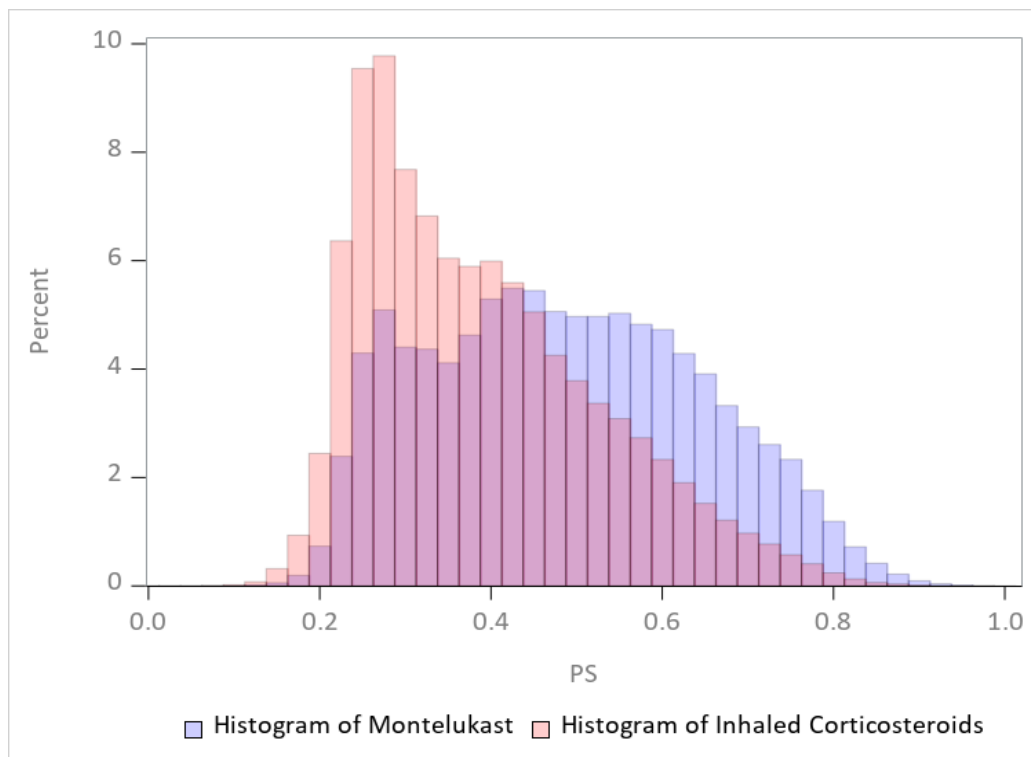
**Figure 2f. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



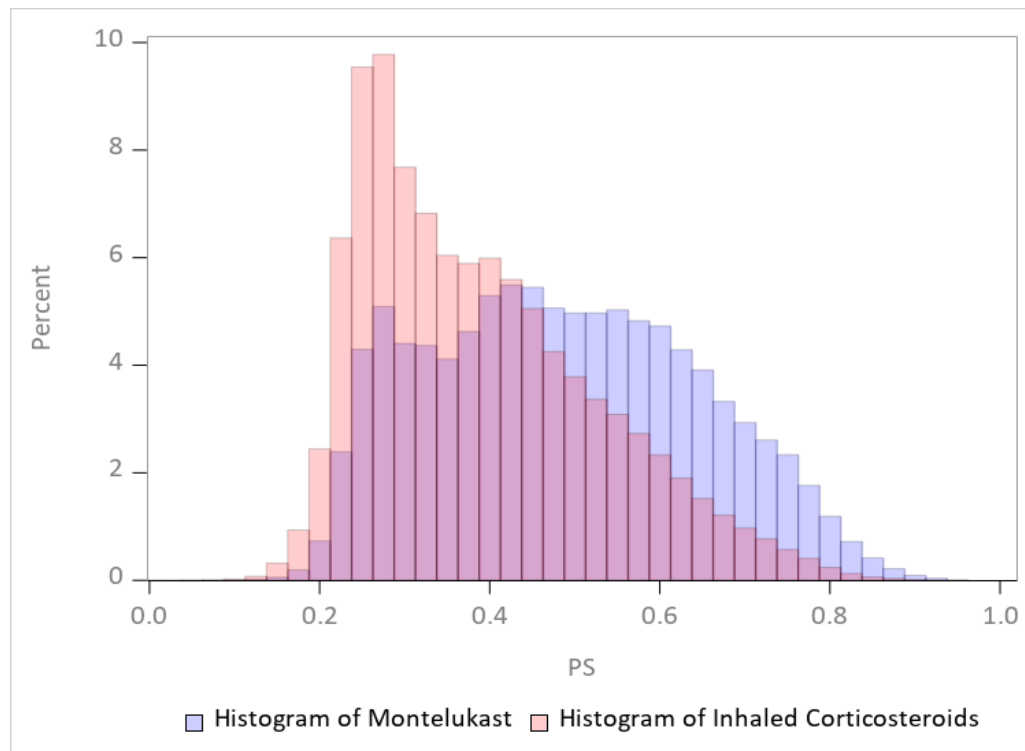
**Figure 2g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Unweighted Propensity Score Distribution Before Trimming



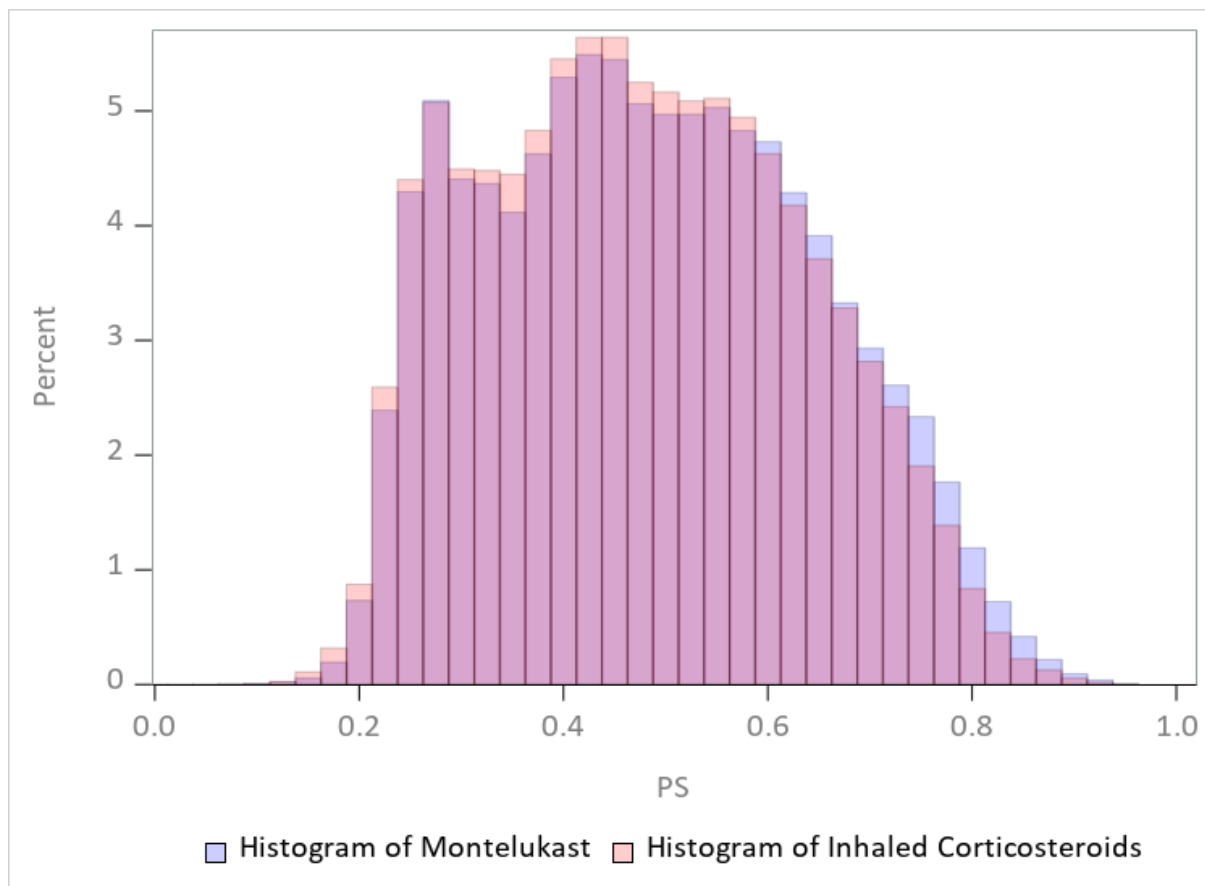
**Figure 2g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Unweighted Propensity Score Distribution After Trimming



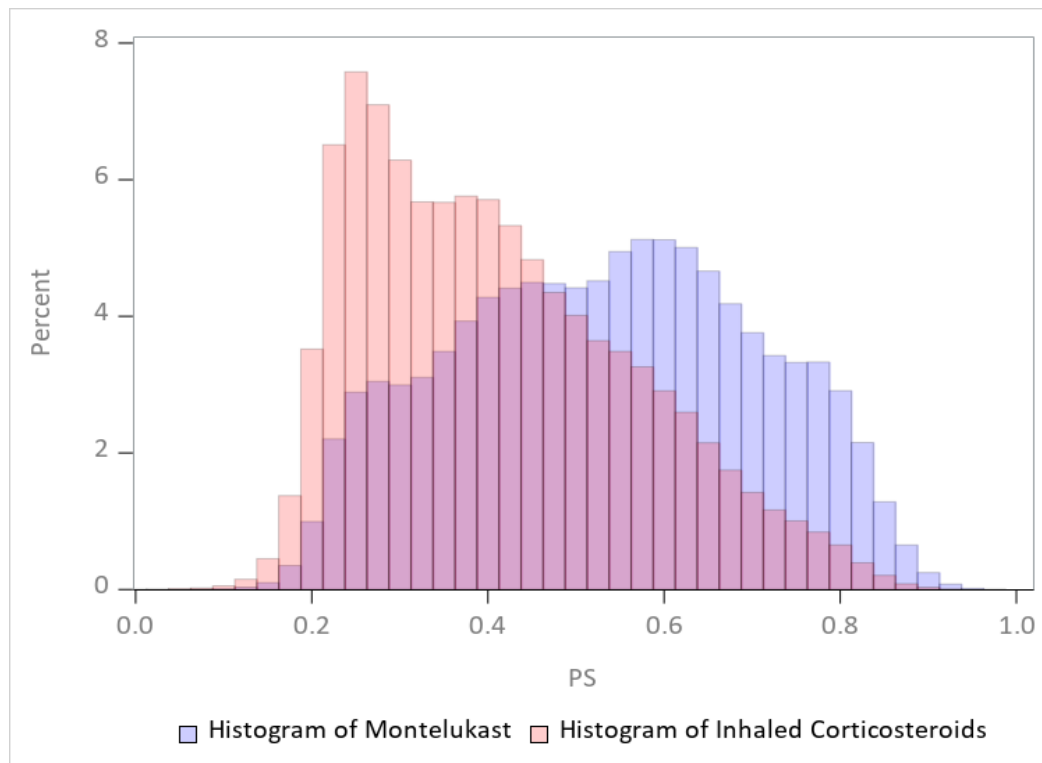
**Figure 2g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



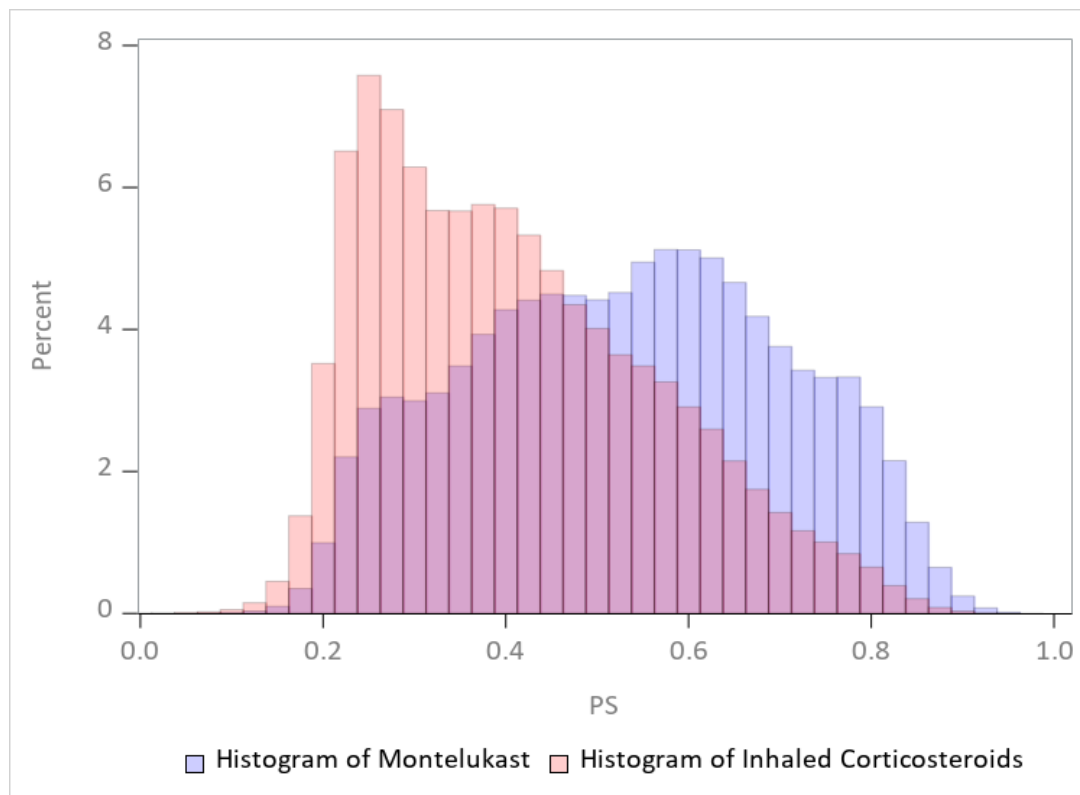
**Figure 2h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Unweighted Propensity Score Distribution Before Trimming



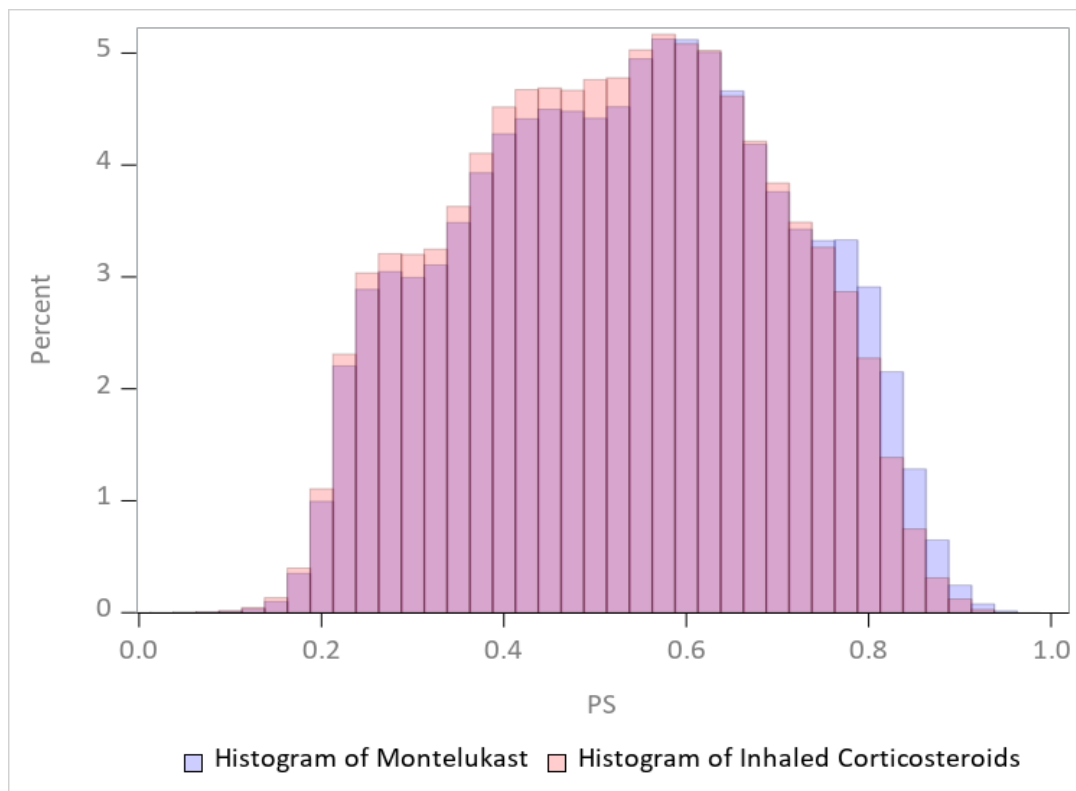
**Figure 2h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Unweighted Propensity Score Distribution After Trimming



**Figure 2h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

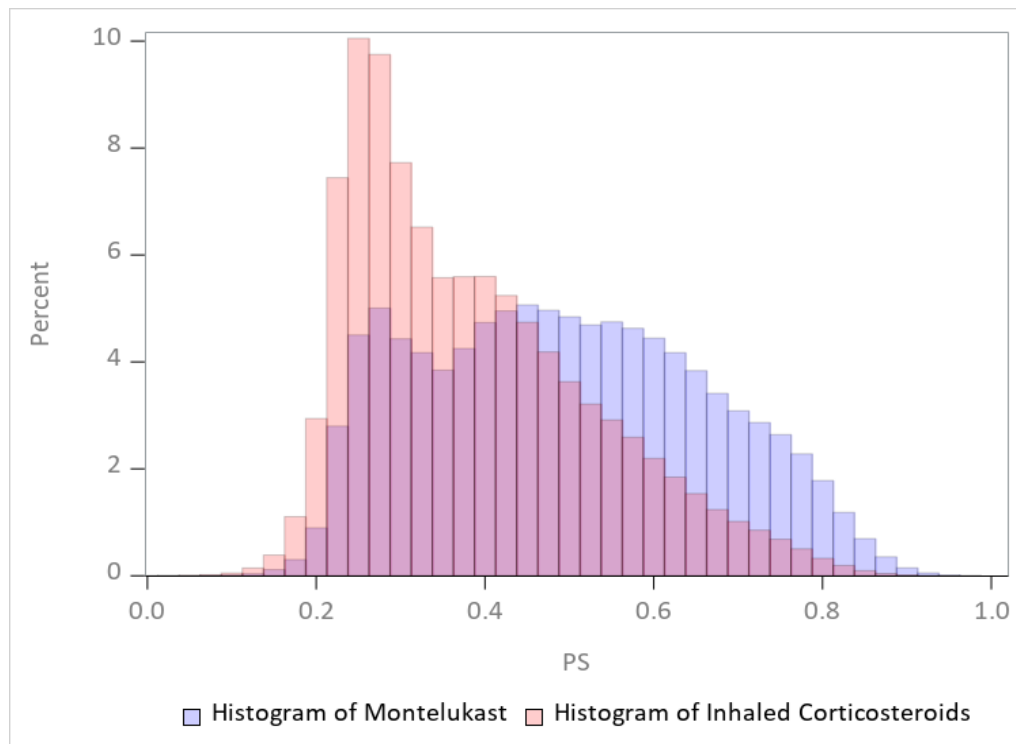
Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)





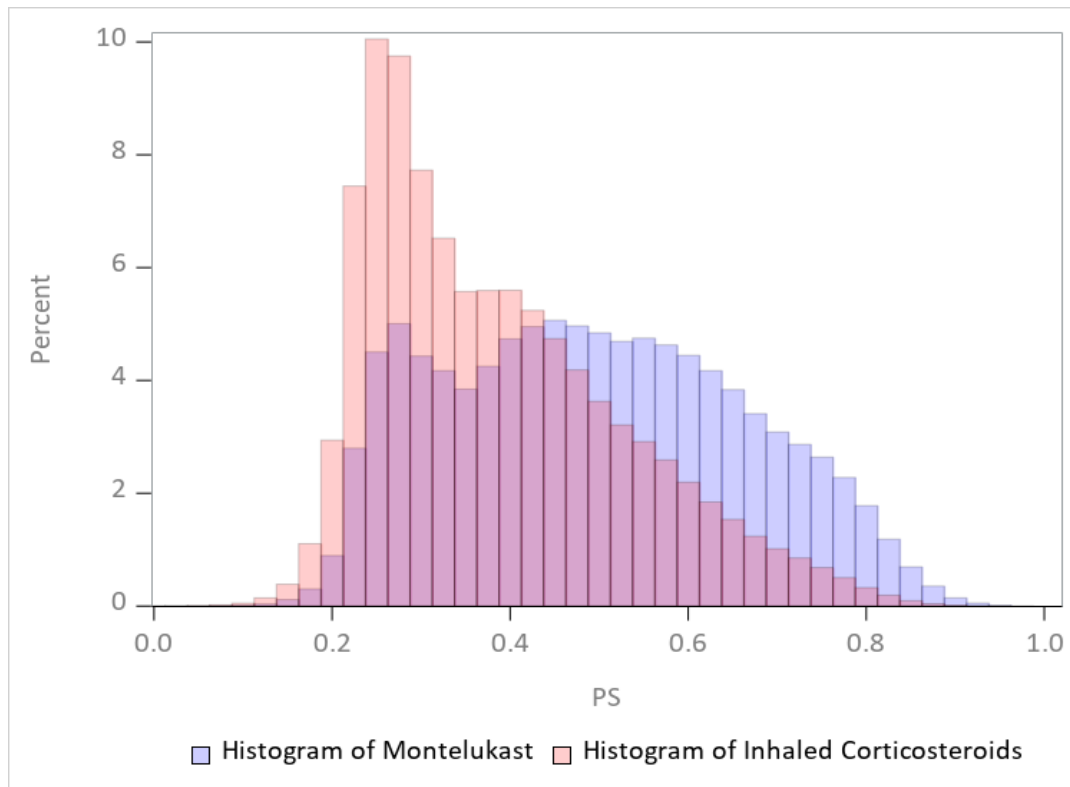
**Figure 2i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Unweighted Propensity Score Distribution Before Trimming



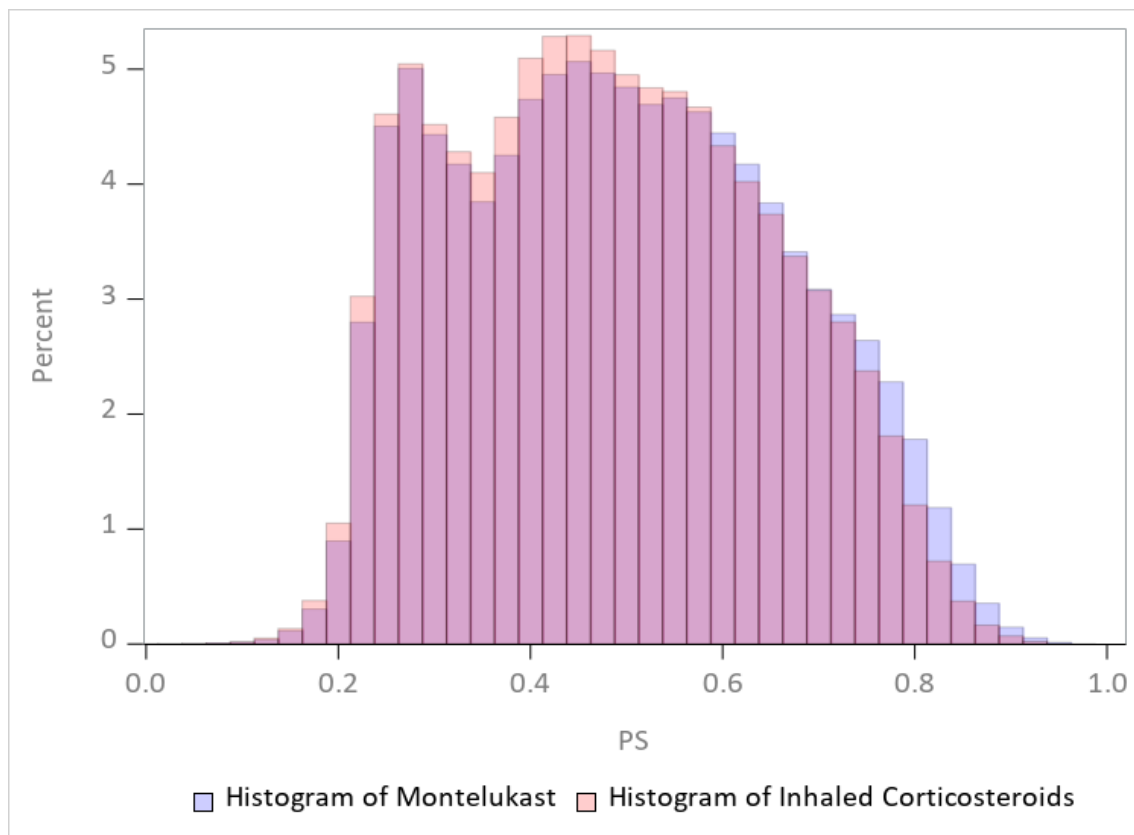
**Figure 2i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Unweighted Propensity Score Distribution After Trimming



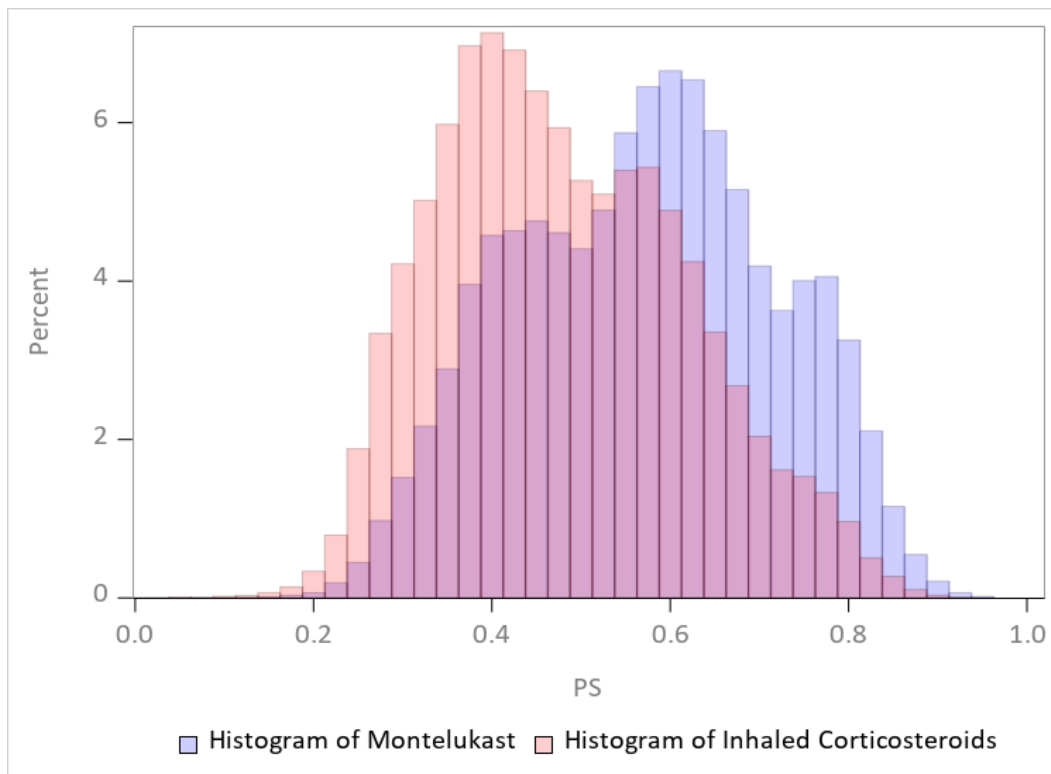
**Figure 2i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



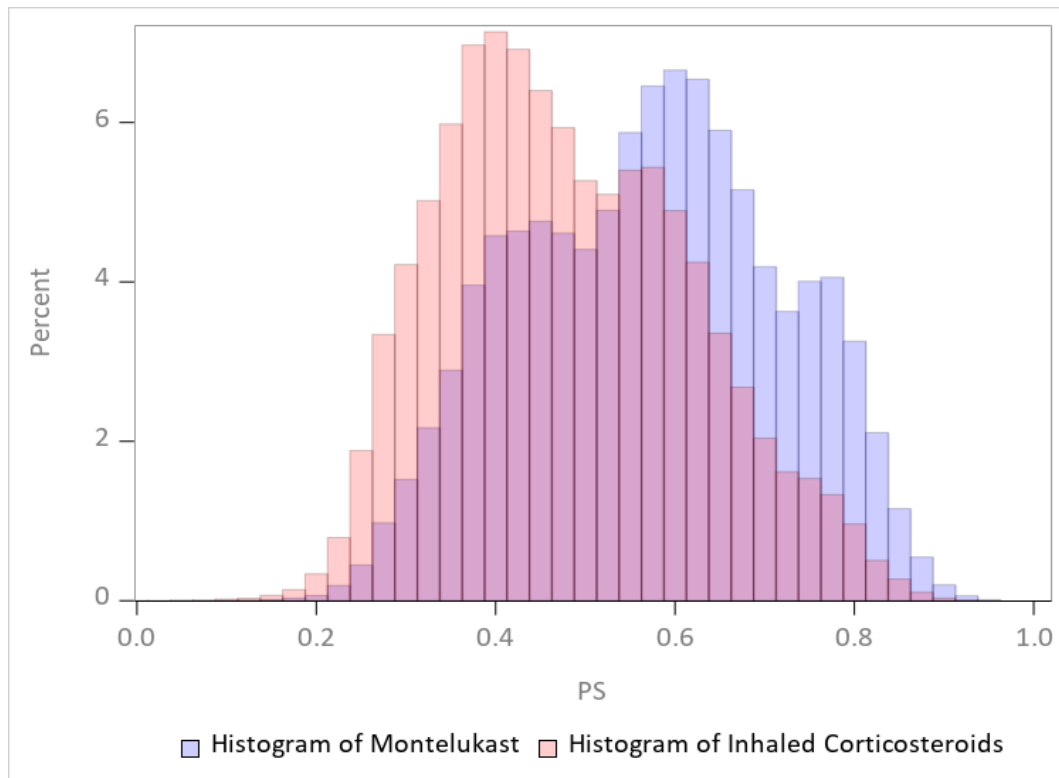
**Figure 2j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Unweighted Propensity Score Distribution Before Trimming



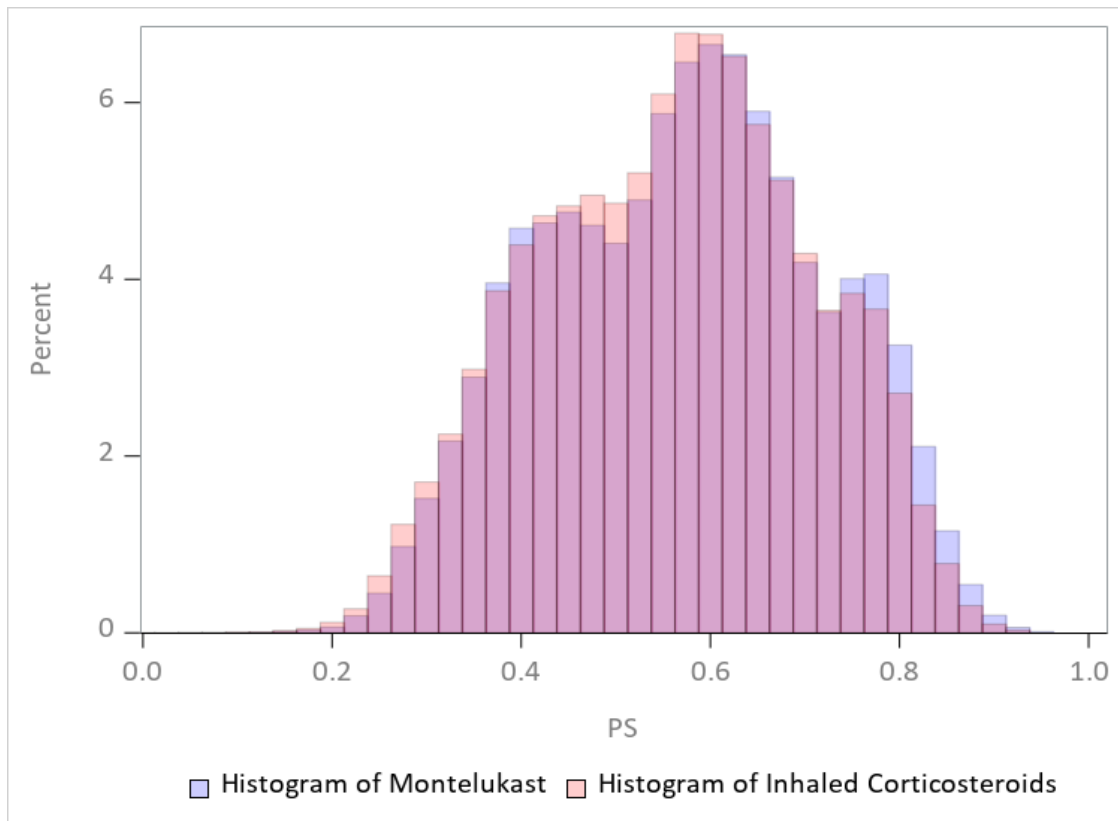
**Figure 2j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Unweighted Propensity Score Distribution After Trimming



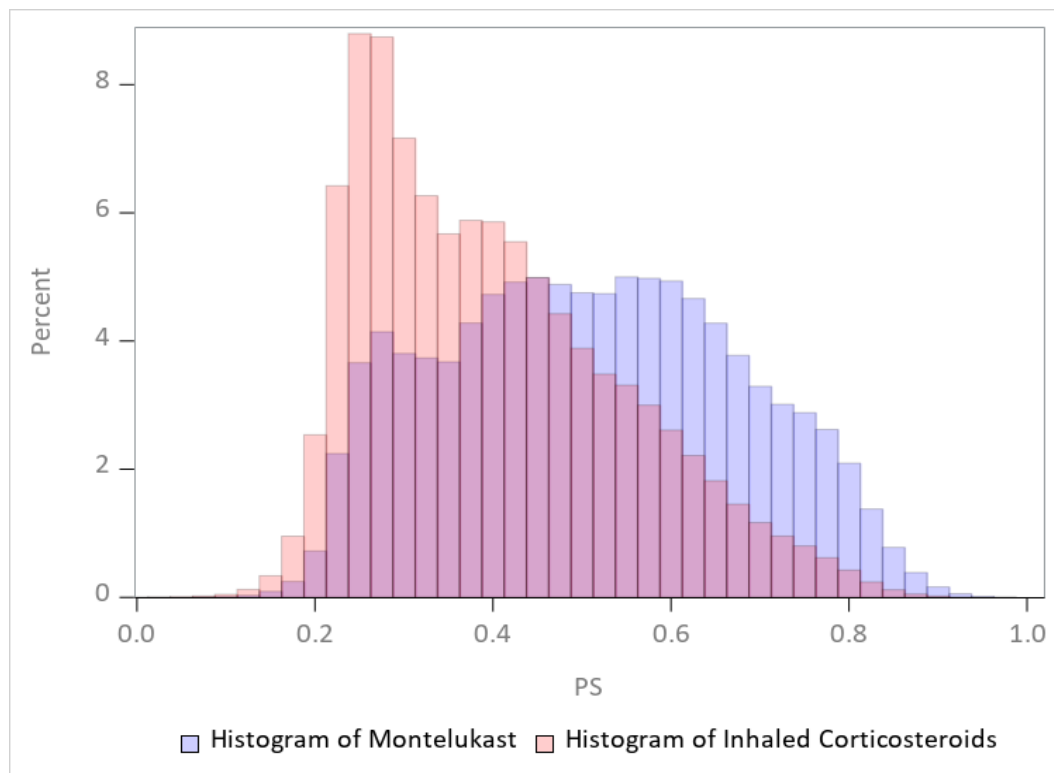
**Figure 2j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



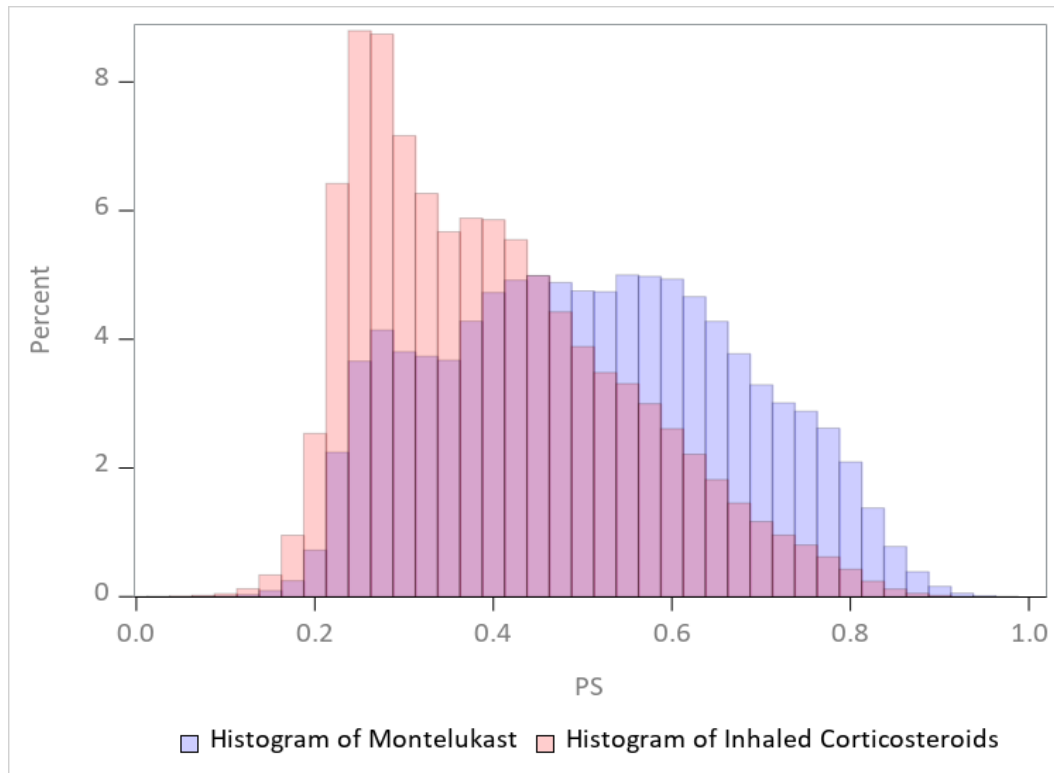
**Figure 3a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Unweighted Propensity Score Distribution Before Trimming



**Figure 3a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

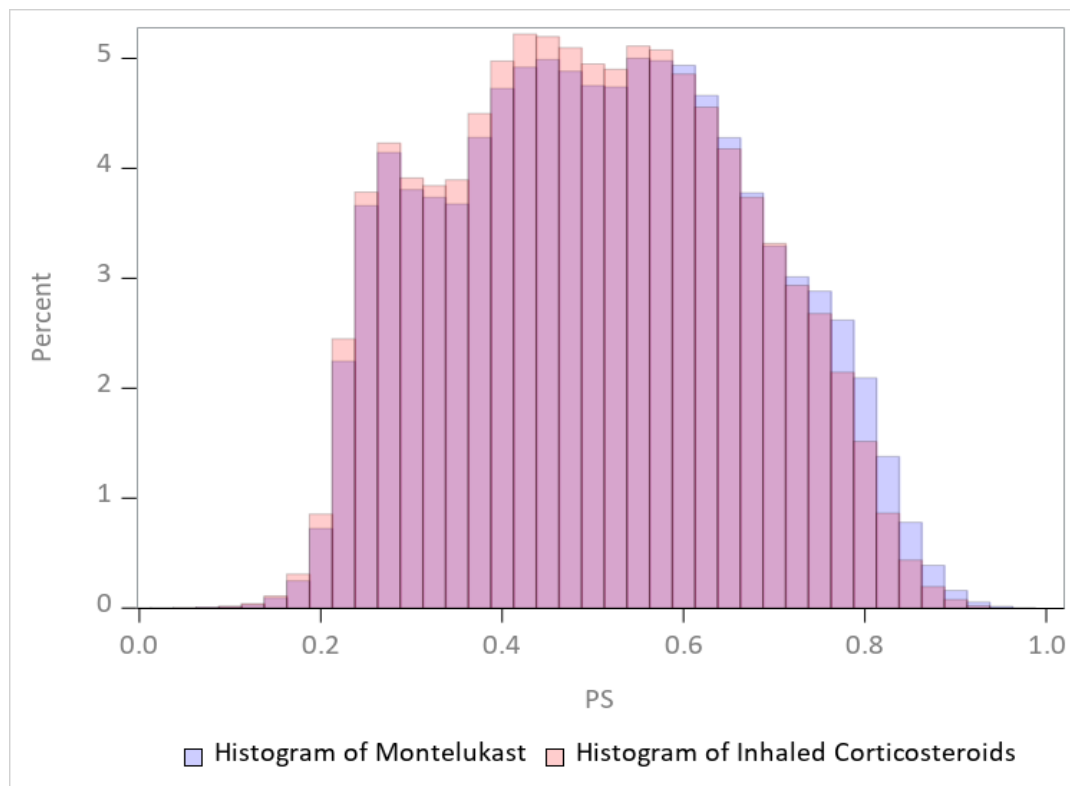
Unweighted Propensity Score Distribution After Trimming





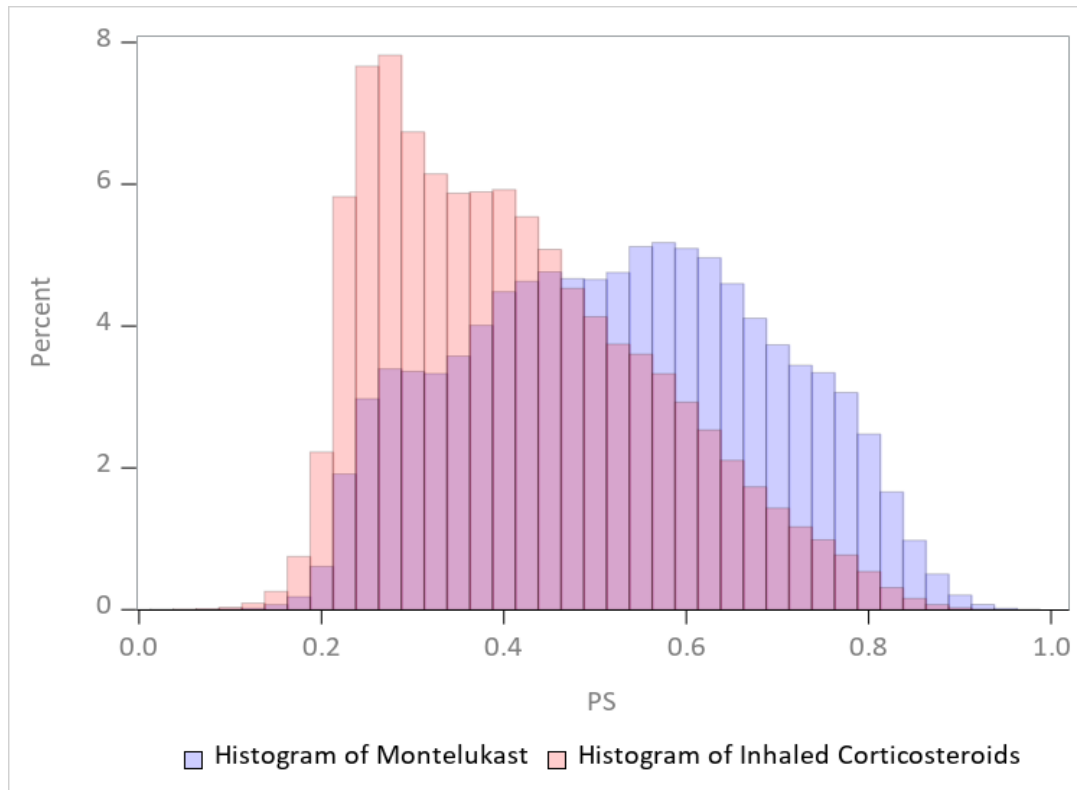
**Figure 3a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



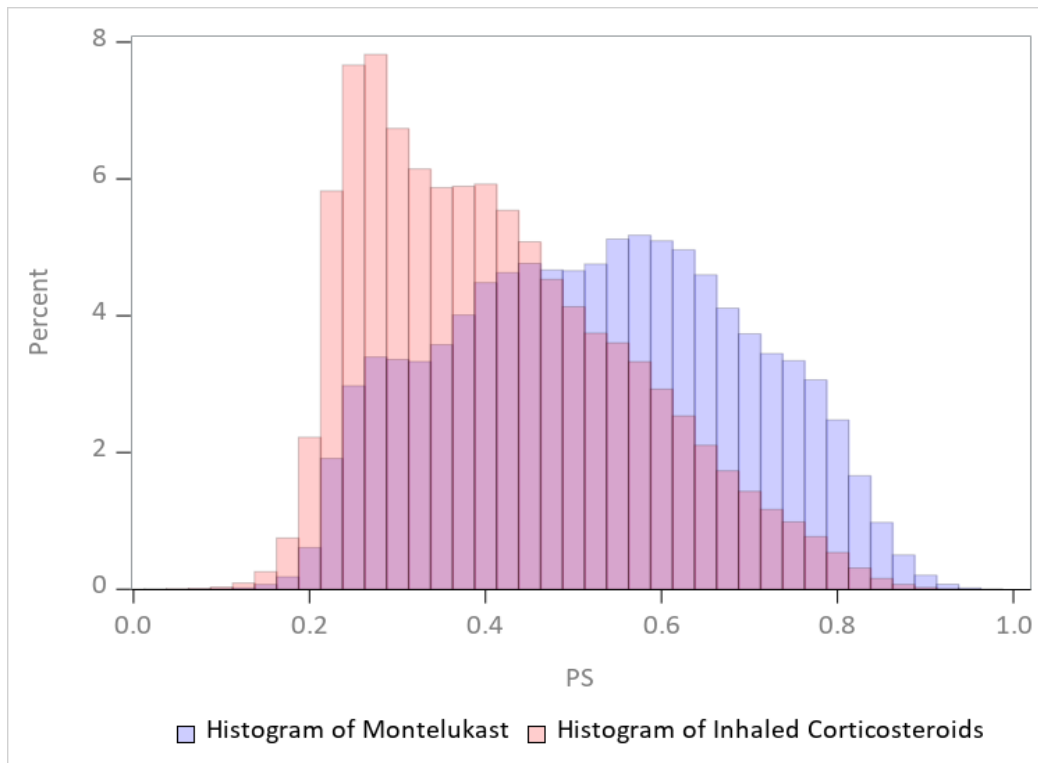
**Figure 3b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Unweighted Propensity Score Distribution Before Trimming



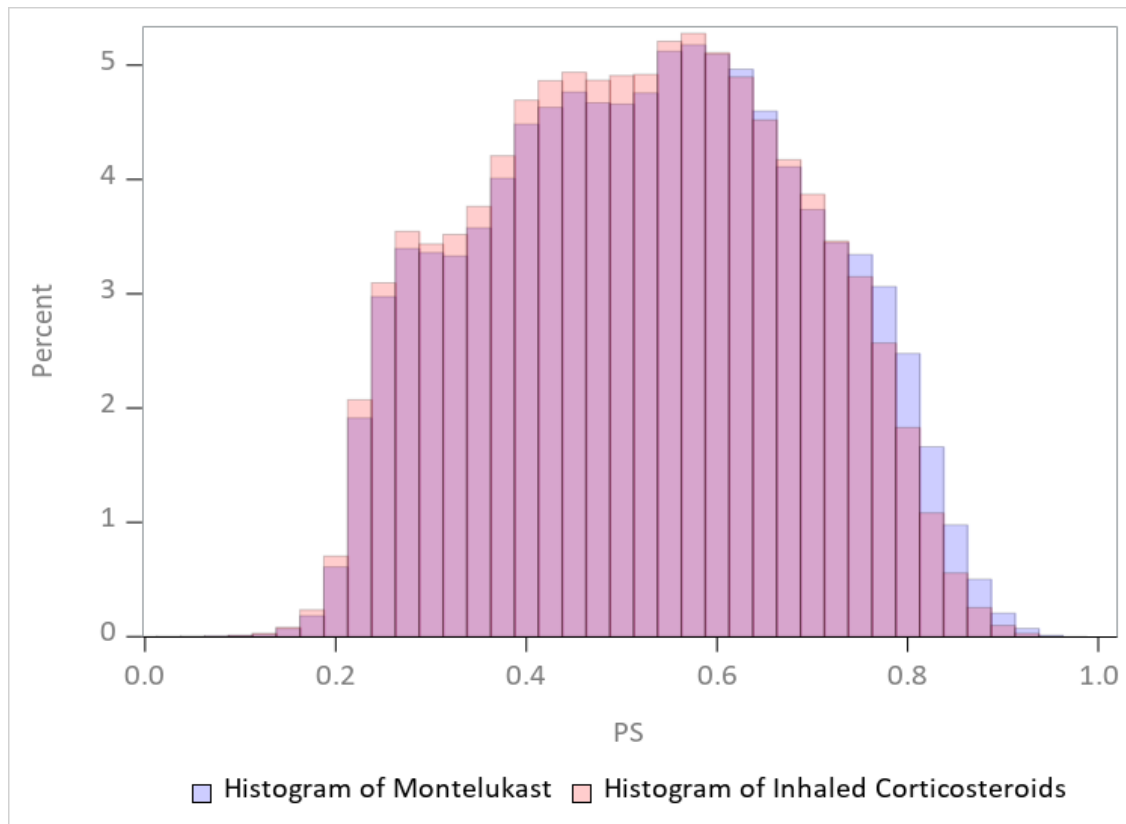
**Figure 3b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Unweighted Propensity Score Distribution After Trimming



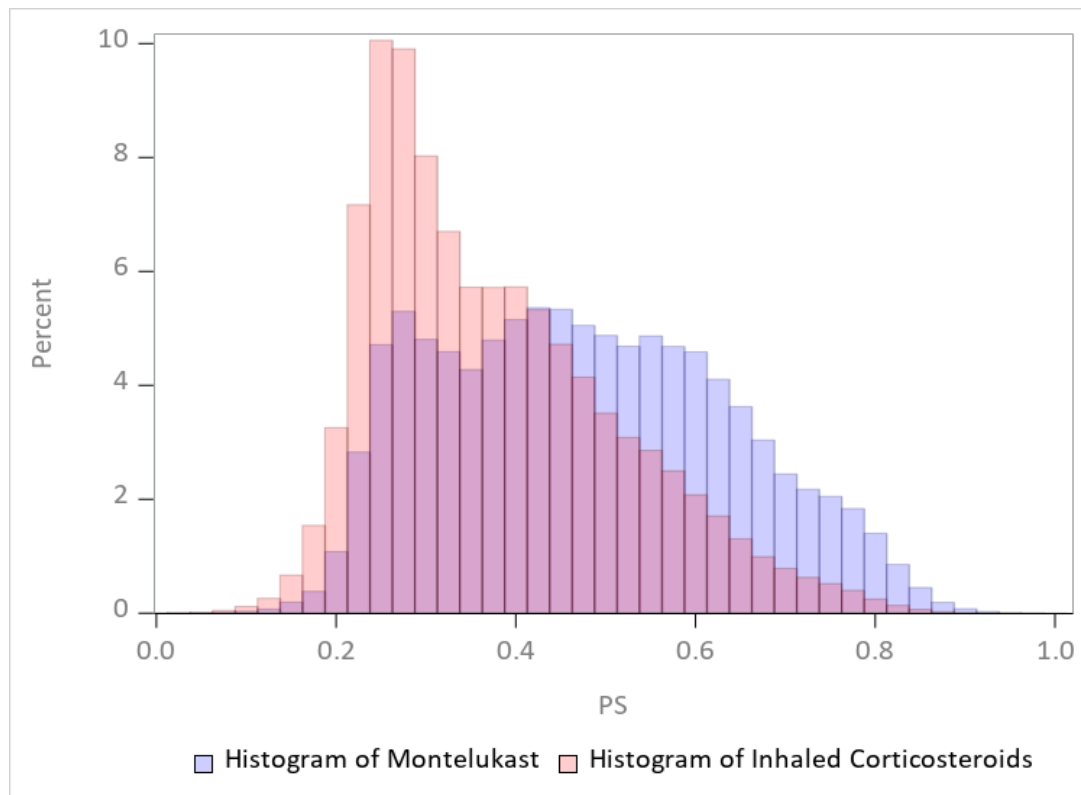
**Figure 3b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



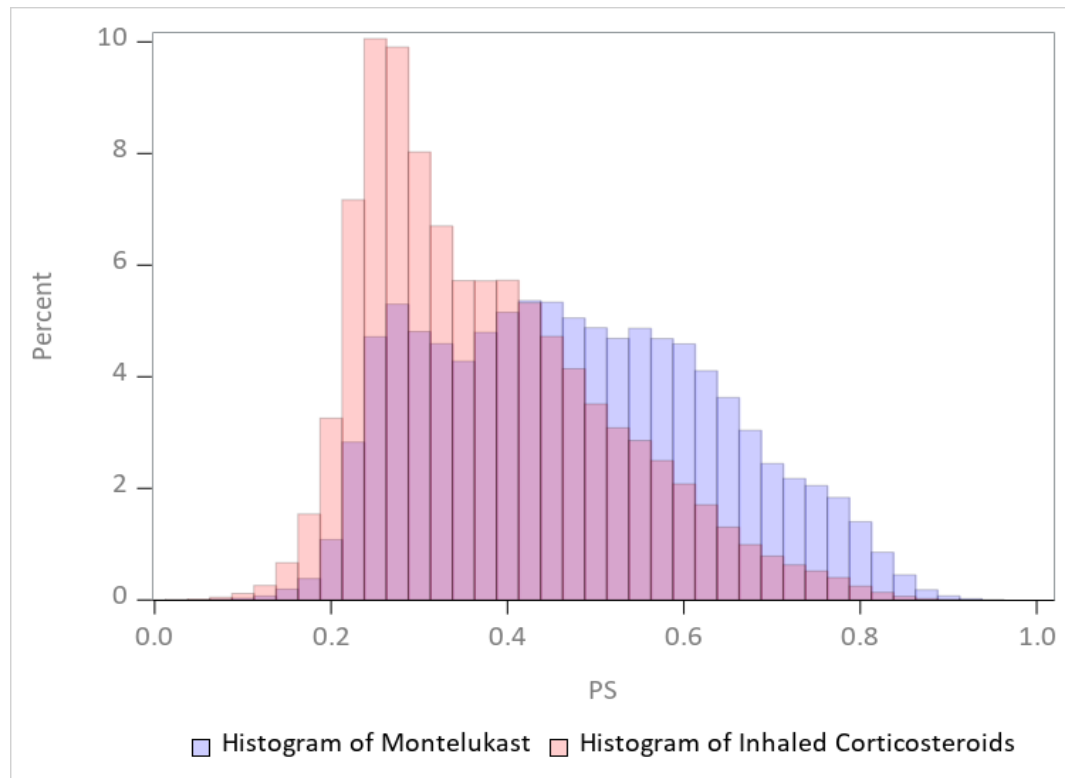
**Figure 3c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Unweighted Propensity Score Distribution Before Trimming



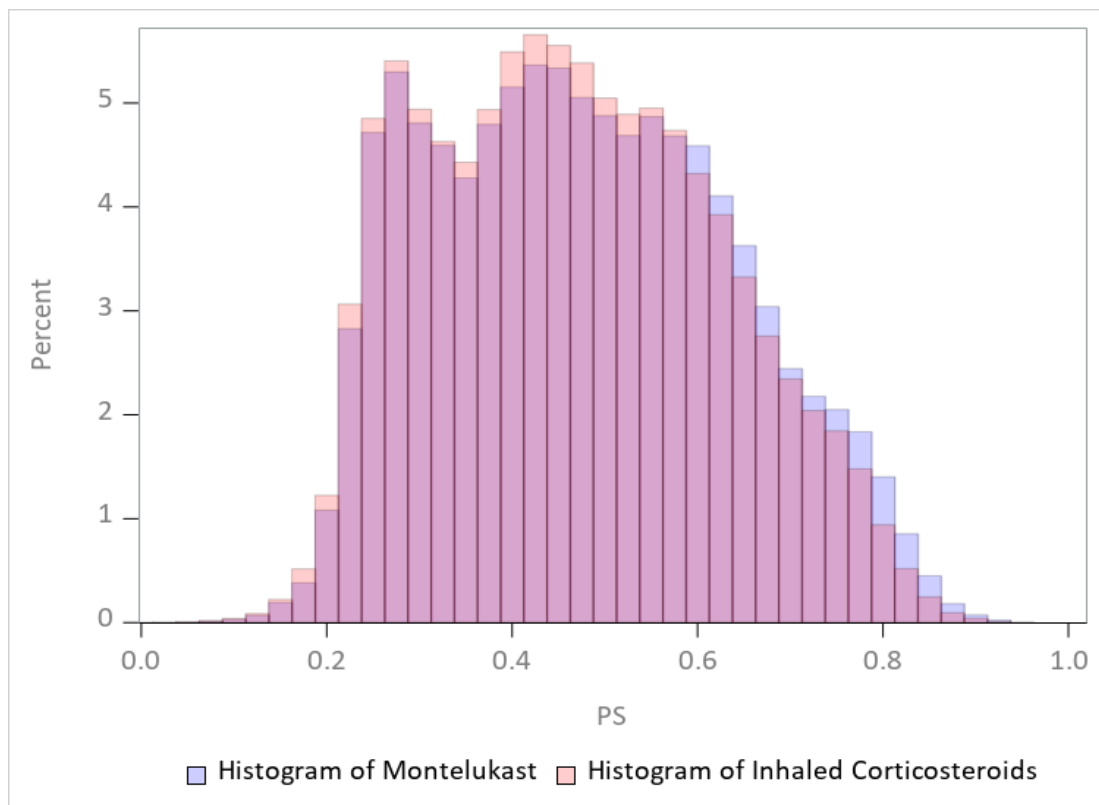
**Figure 3c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Unweighted Propensity Score Distribution After Trimming



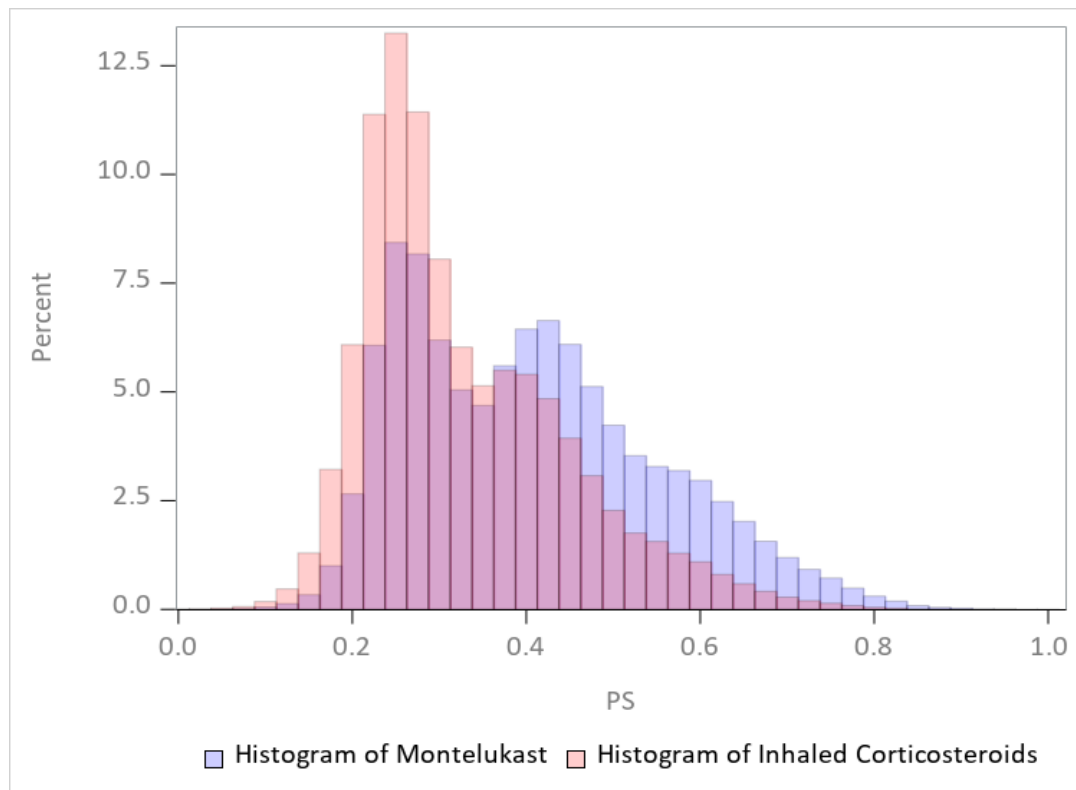
**Figure 3c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



**Figure 3d. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

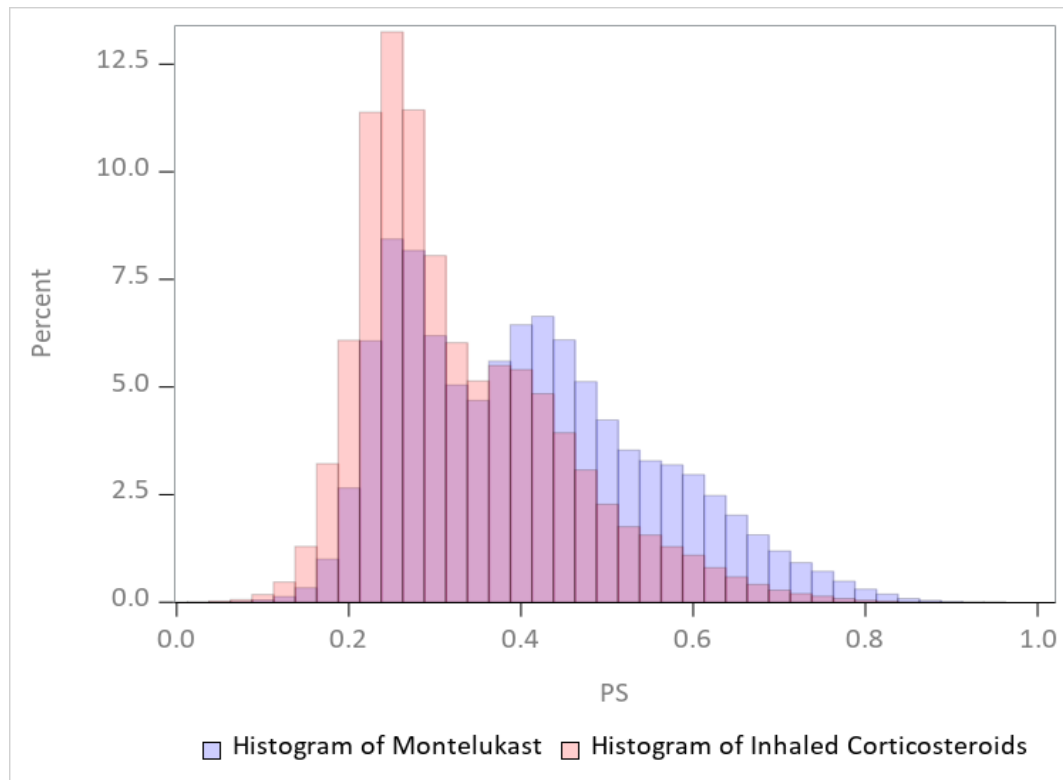
Unweighted Propensity Score Distribution Before Trimming





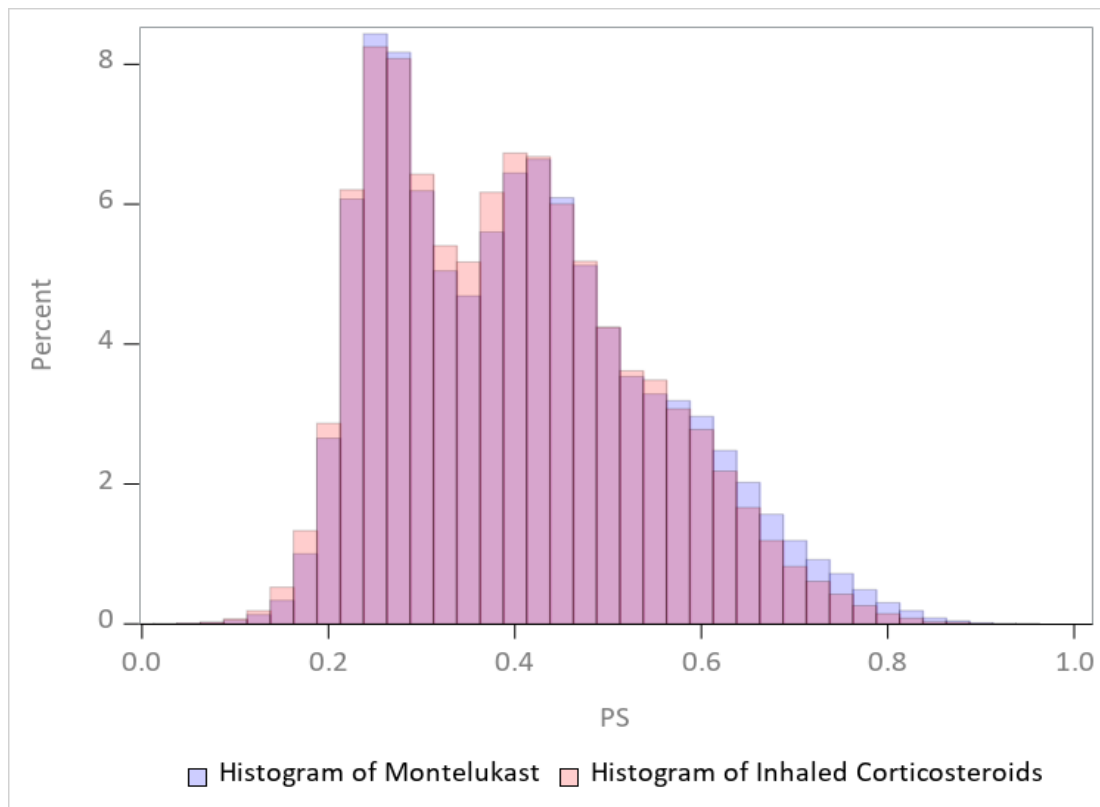
**Figure 3d. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

Unweighted Propensity Score Distribution After Trimming



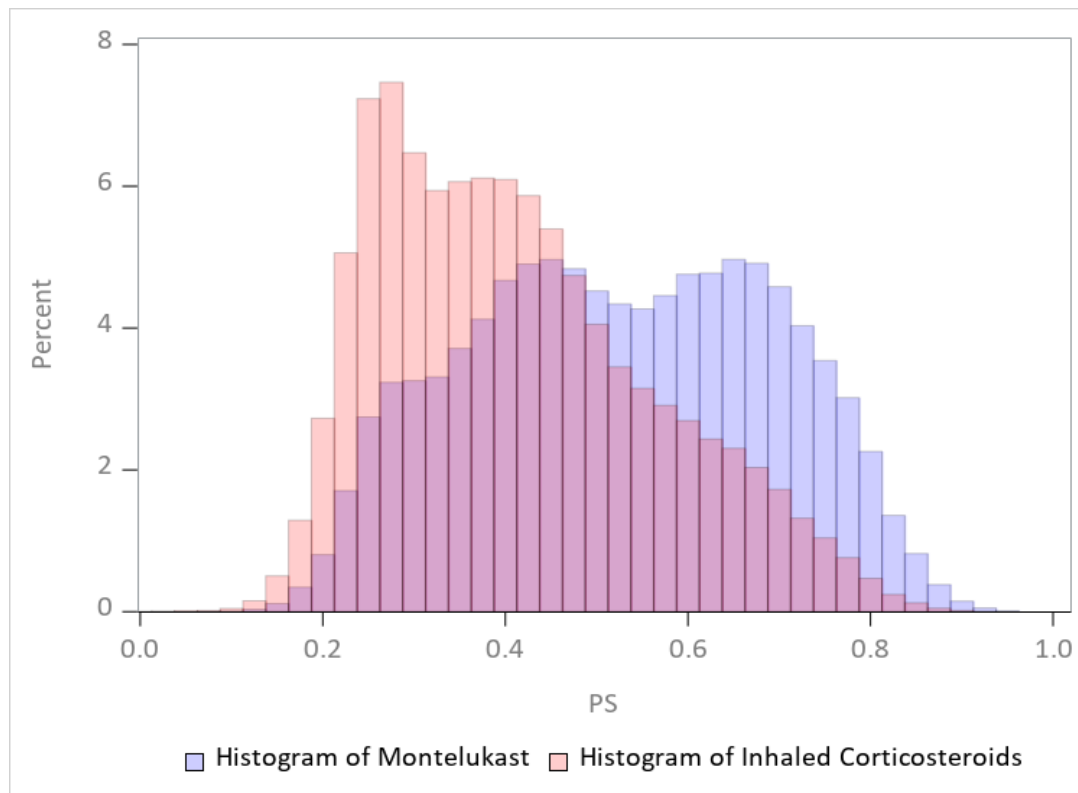
**Figure 3d. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



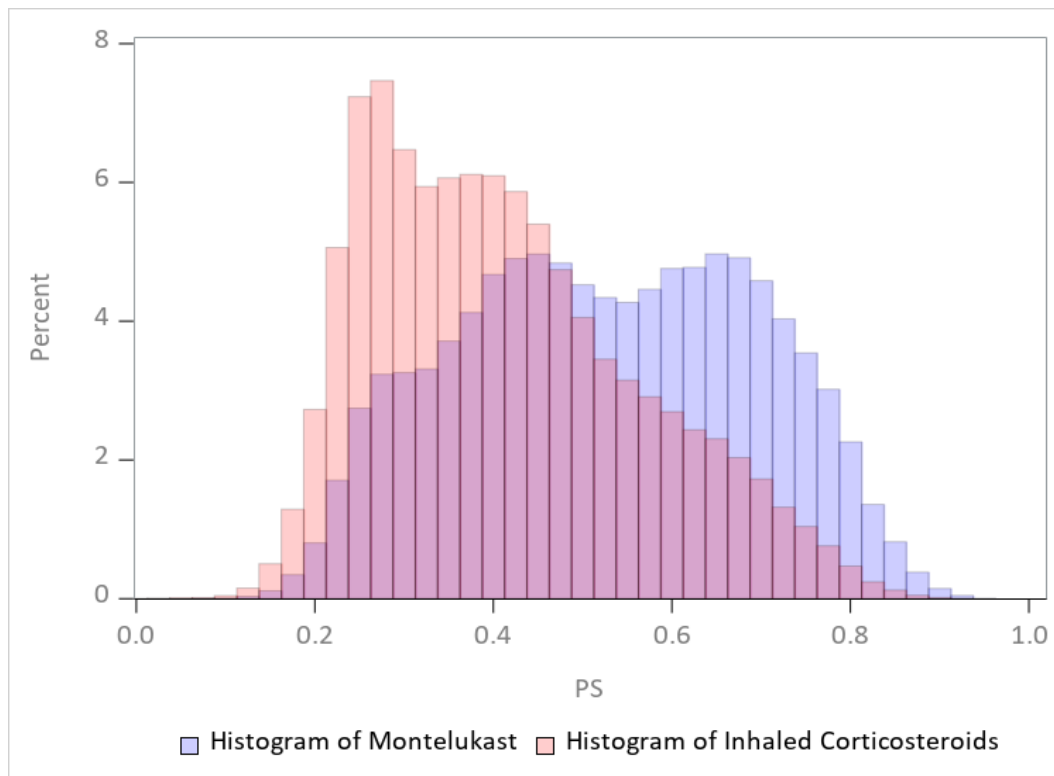
**Figure 3e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

Unweighted Propensity Score Distribution Before Trimming



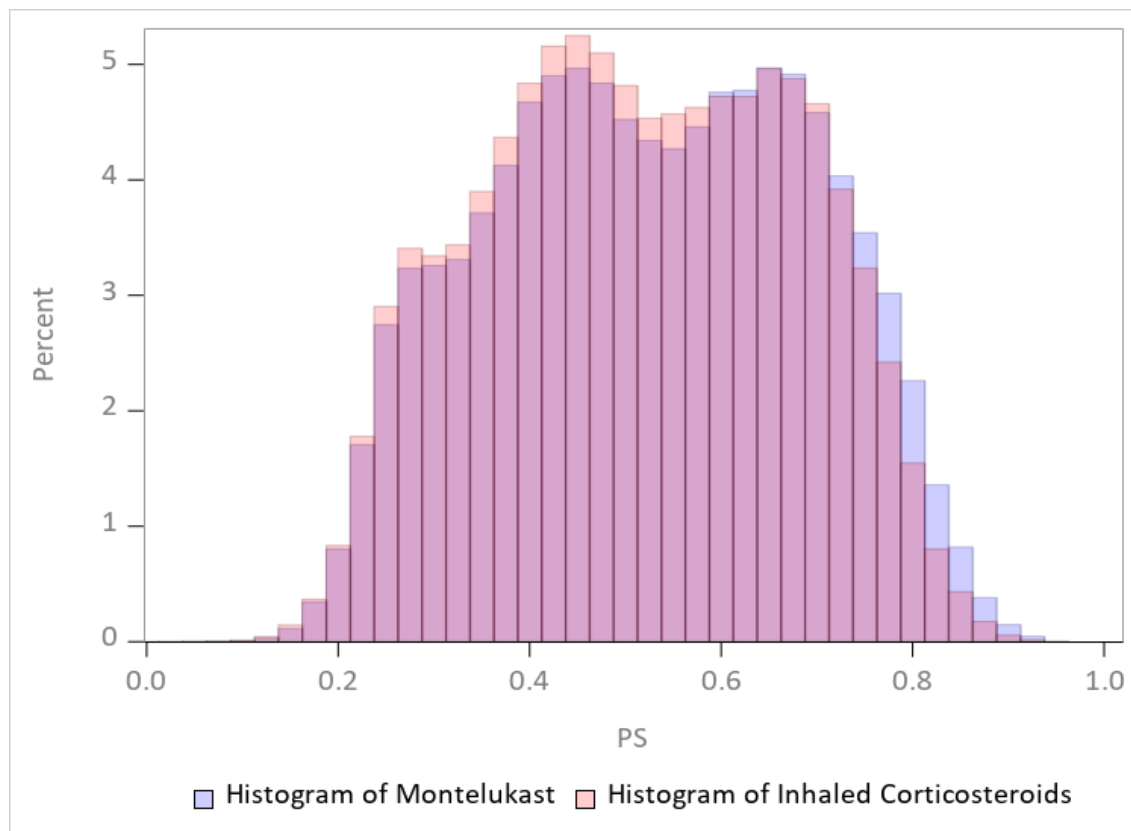
**Figure 3e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

Unweighted Propensity Score Distribution After Trimming



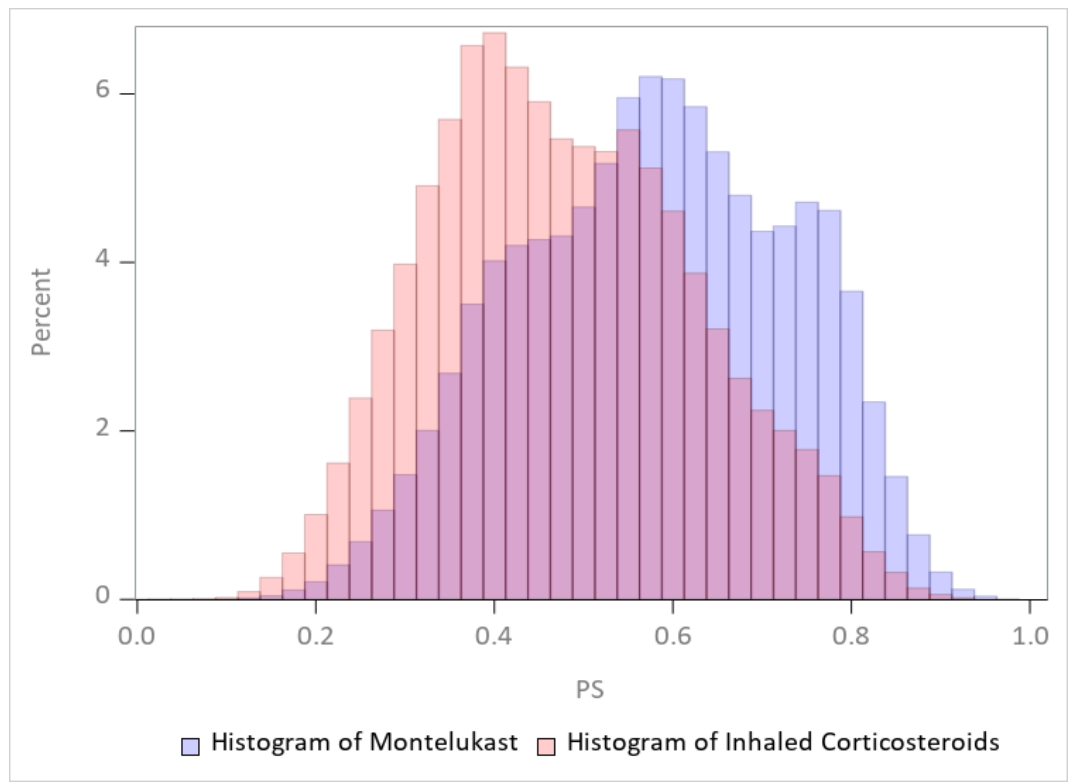
**Figure 3e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



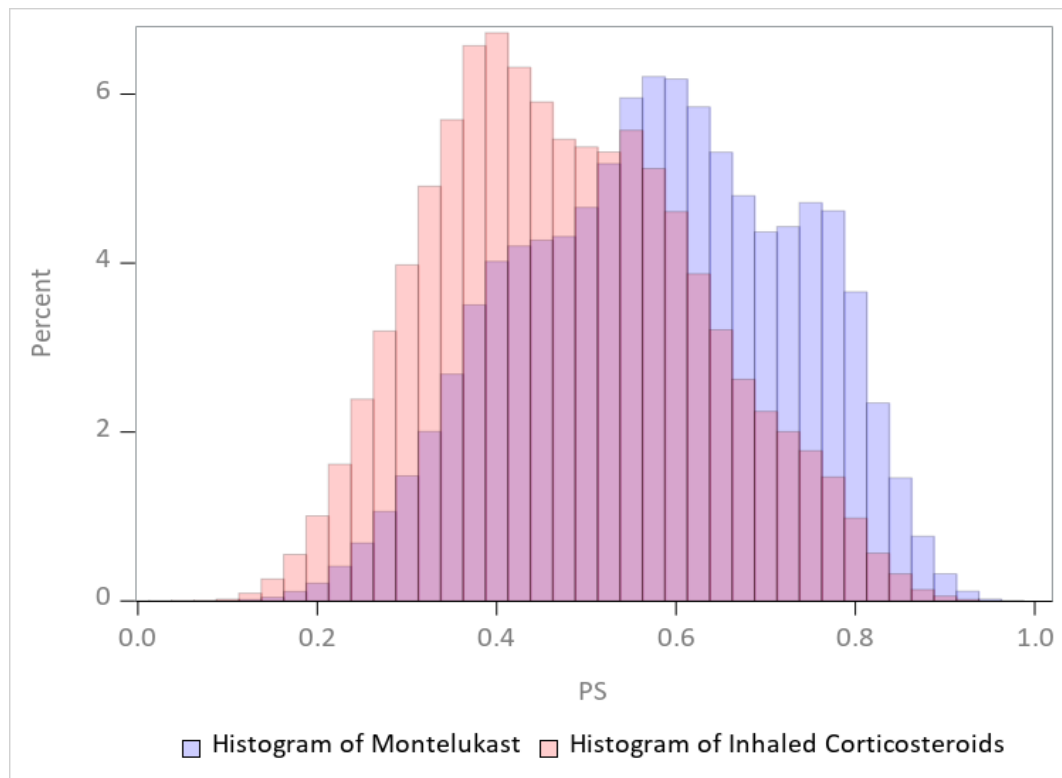
**Figure 3f. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years**

Unweighted Propensity Score Distribution Before Trimming



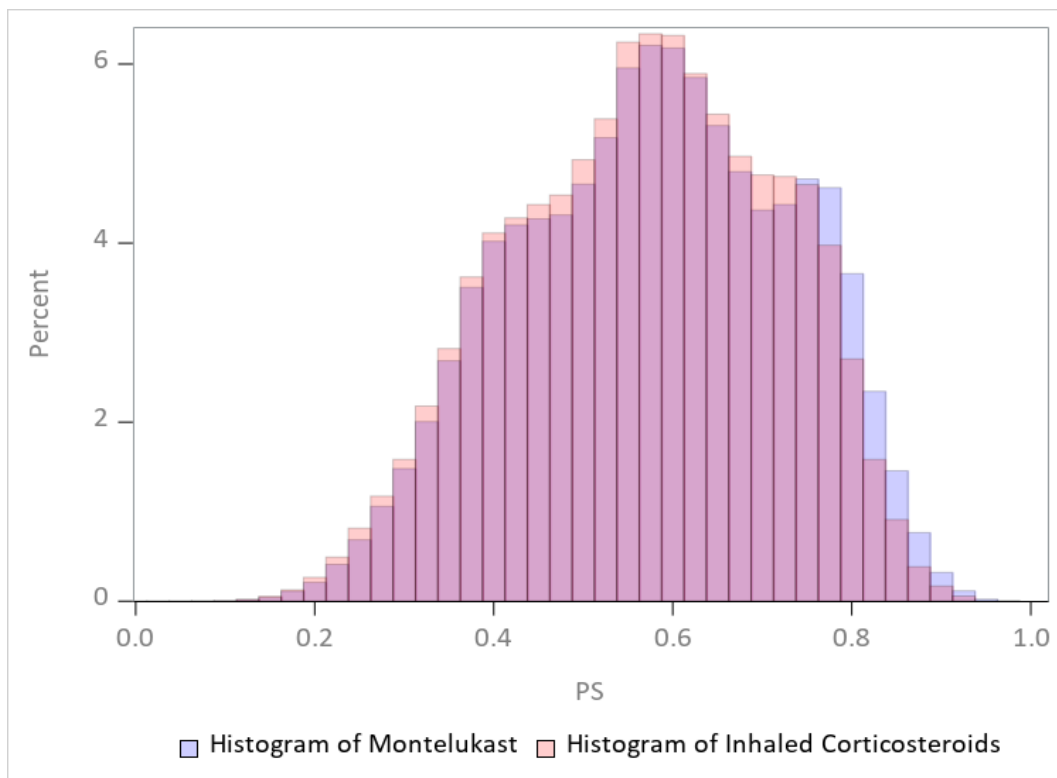
**Figure 3f. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years**

Unweighted Propensity Score Distribution After Trimming



**Figure 3f. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years**

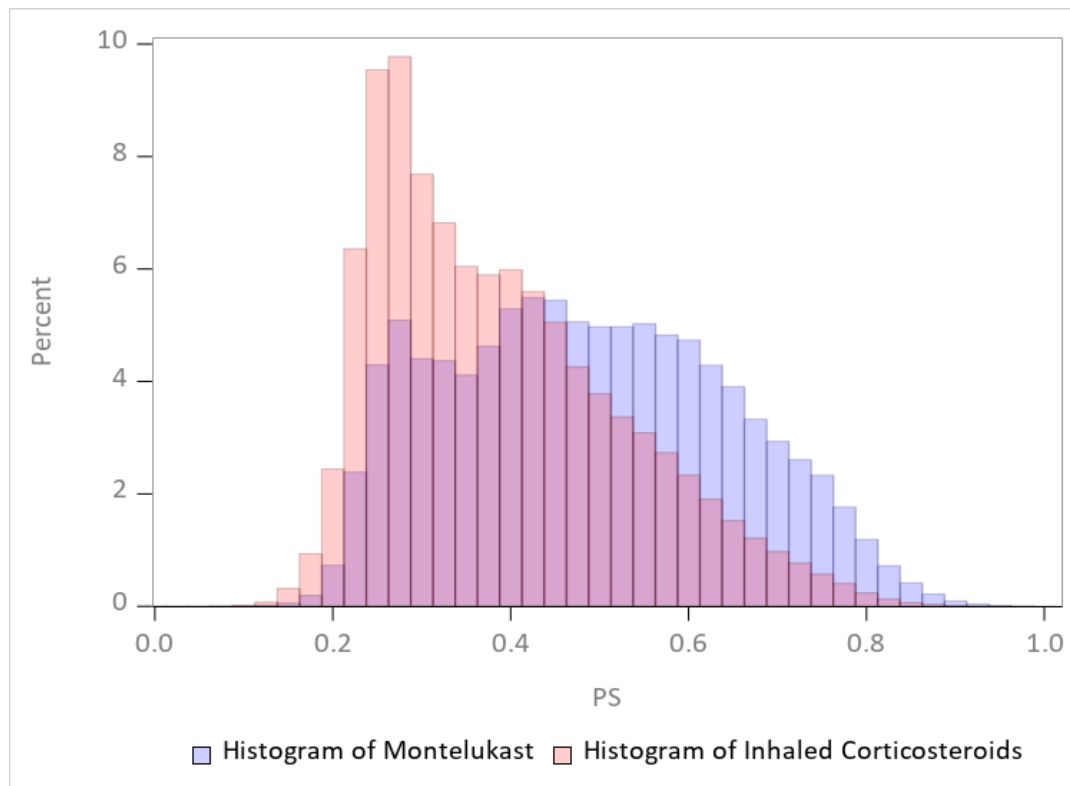
Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)





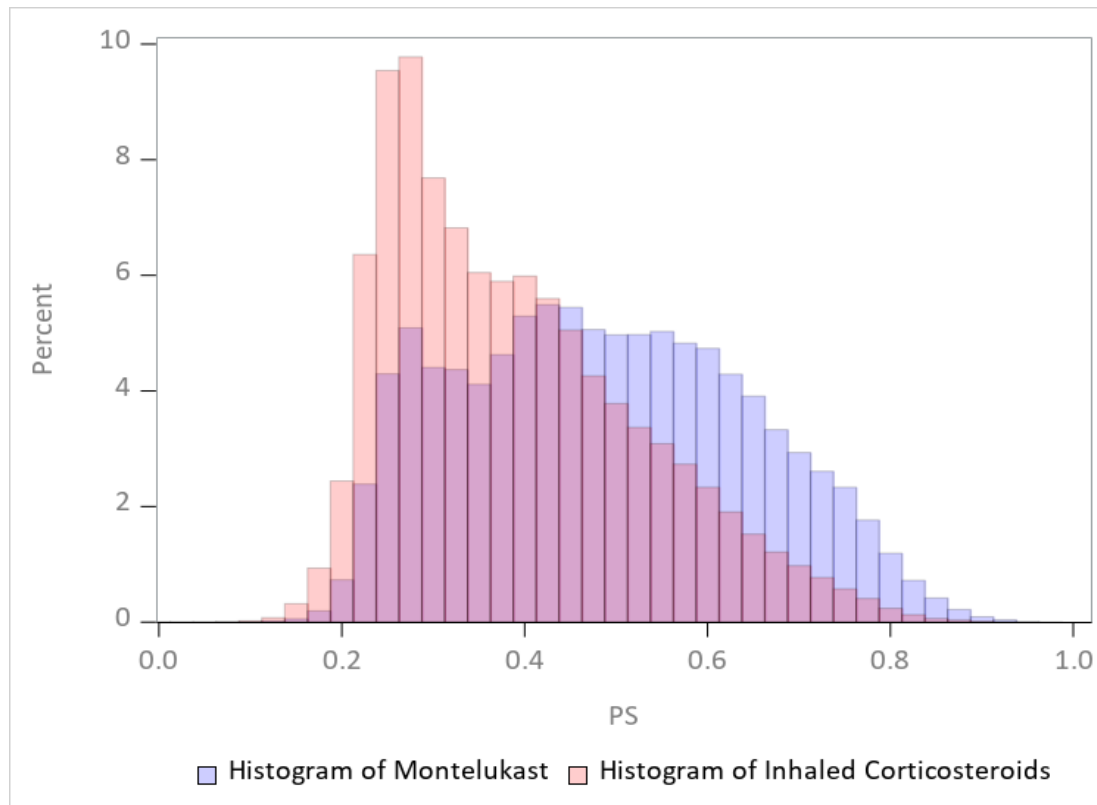
**Figure 3g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Unweighted Propensity Score Distribution Before Trimming



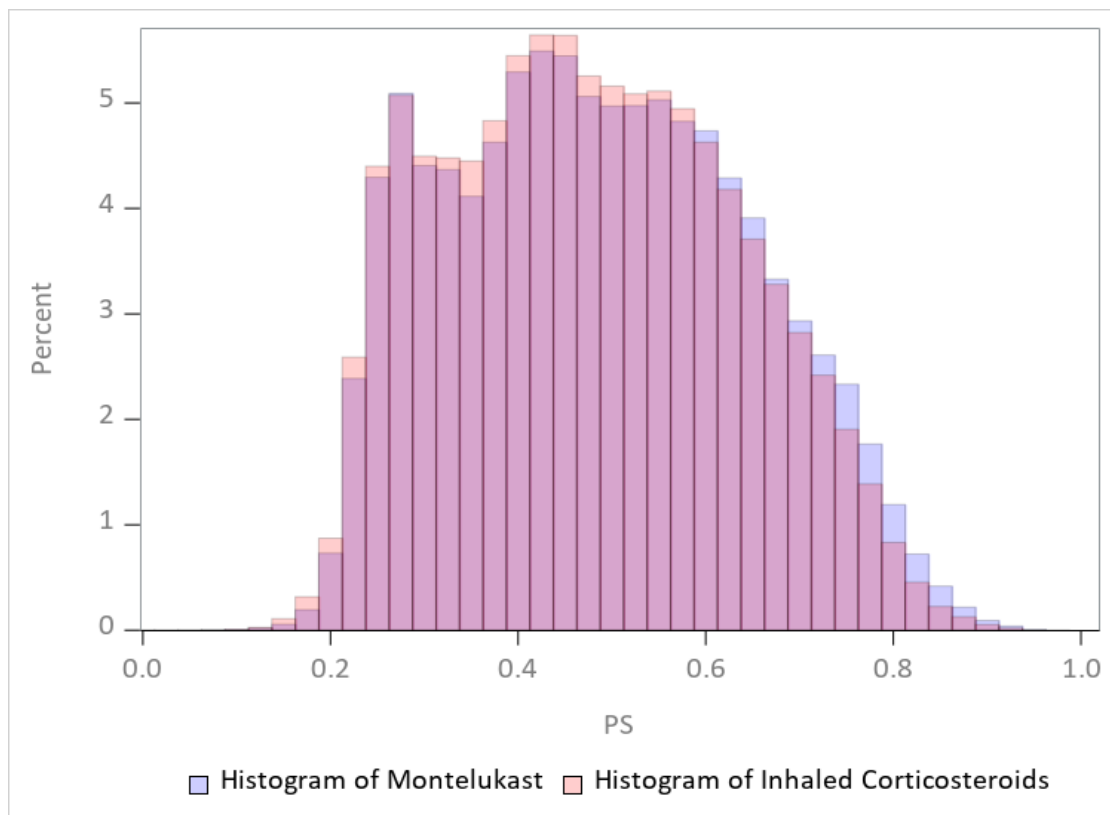
**Figure 3g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Unweighted Propensity Score Distribution After Trimming



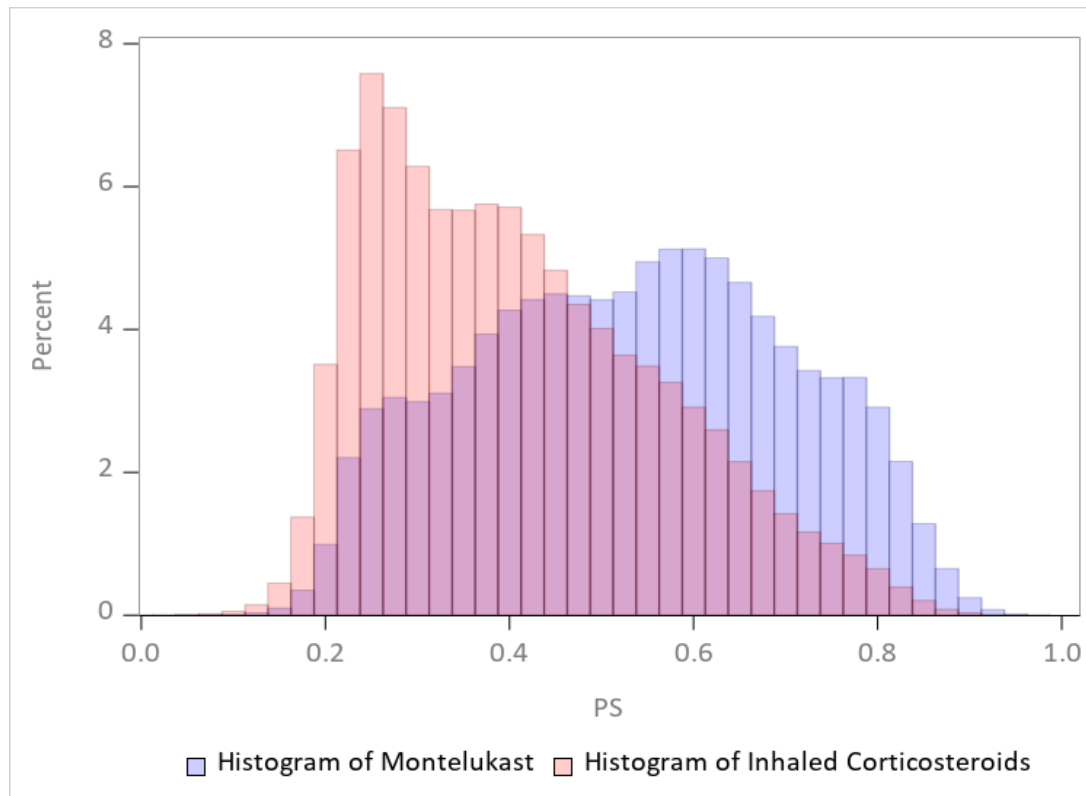
**Figure 3g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



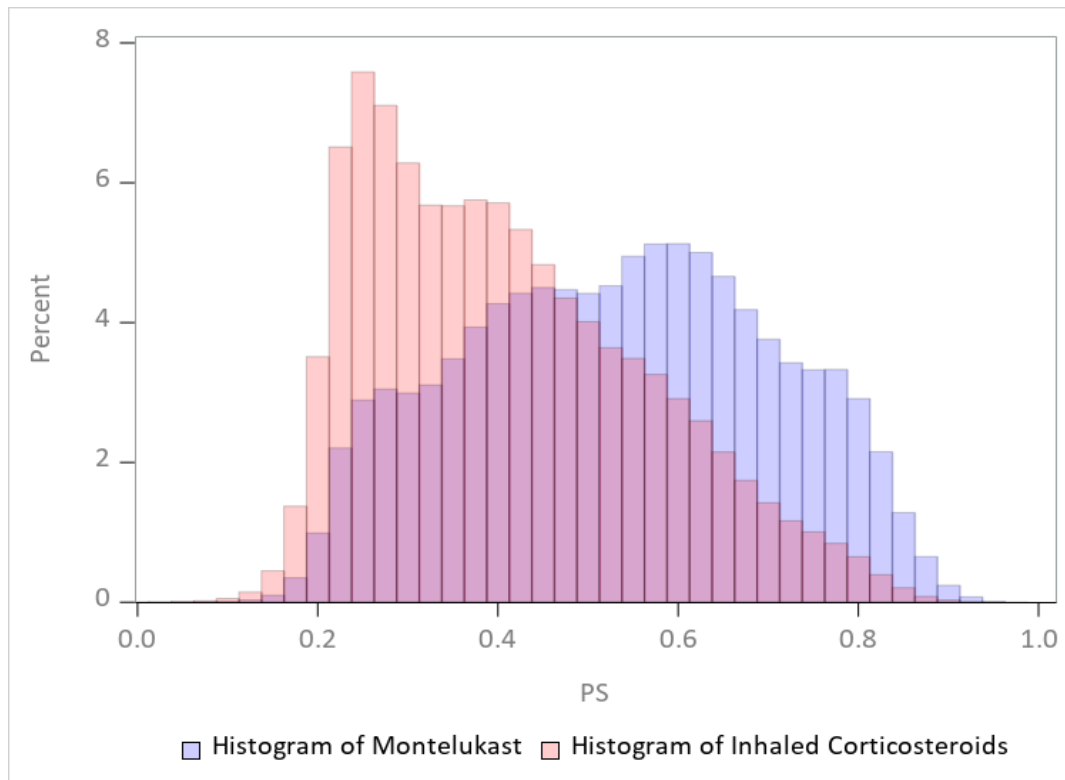
**Figure 3h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Unweighted Propensity Score Distribution Before Trimming



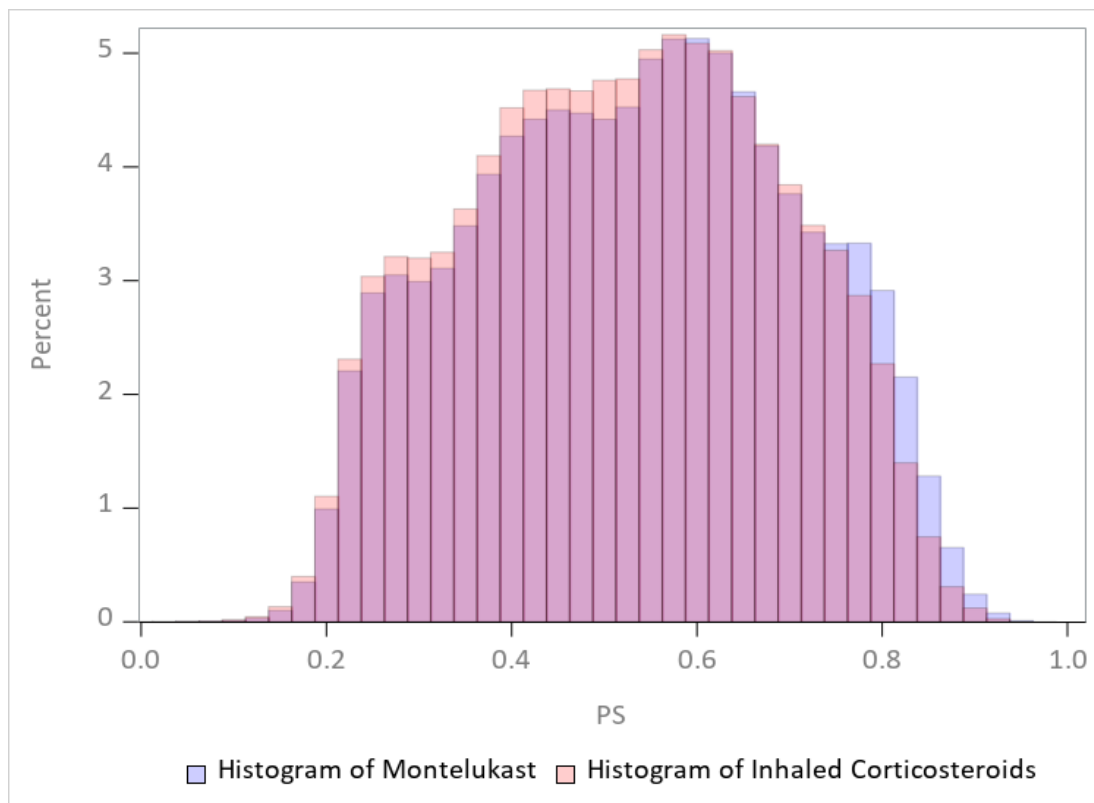
**Figure 3h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Unweighted Propensity Score Distribution After Trimming



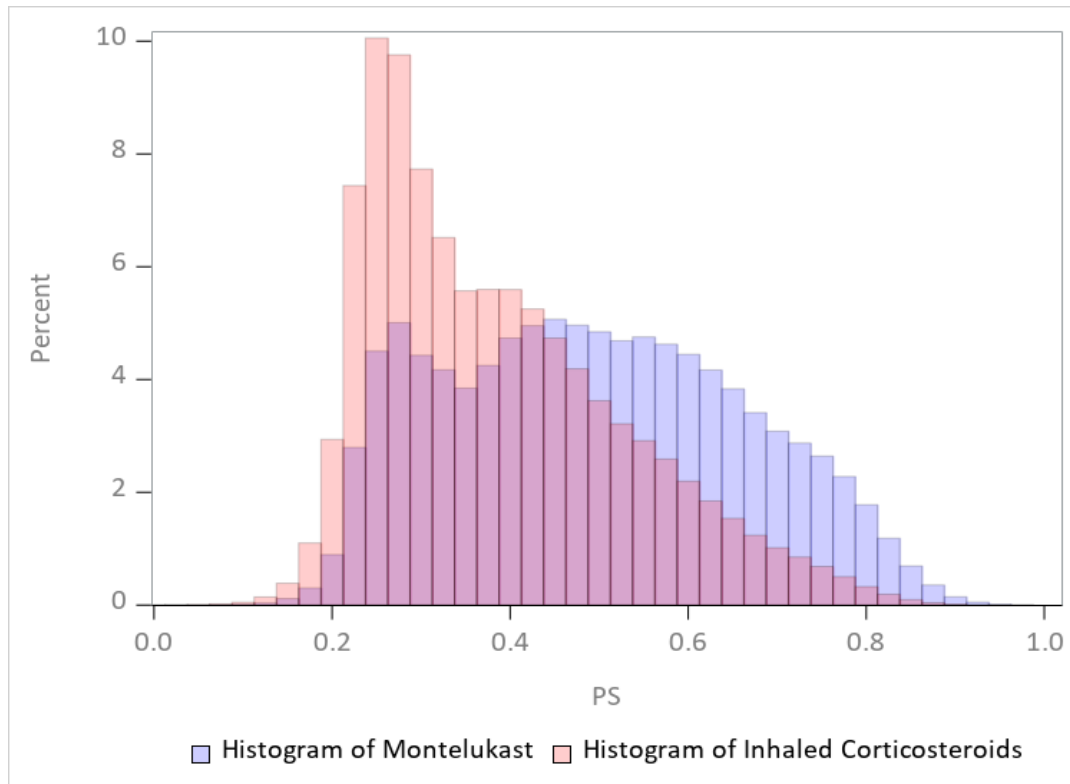
**Figure 3h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



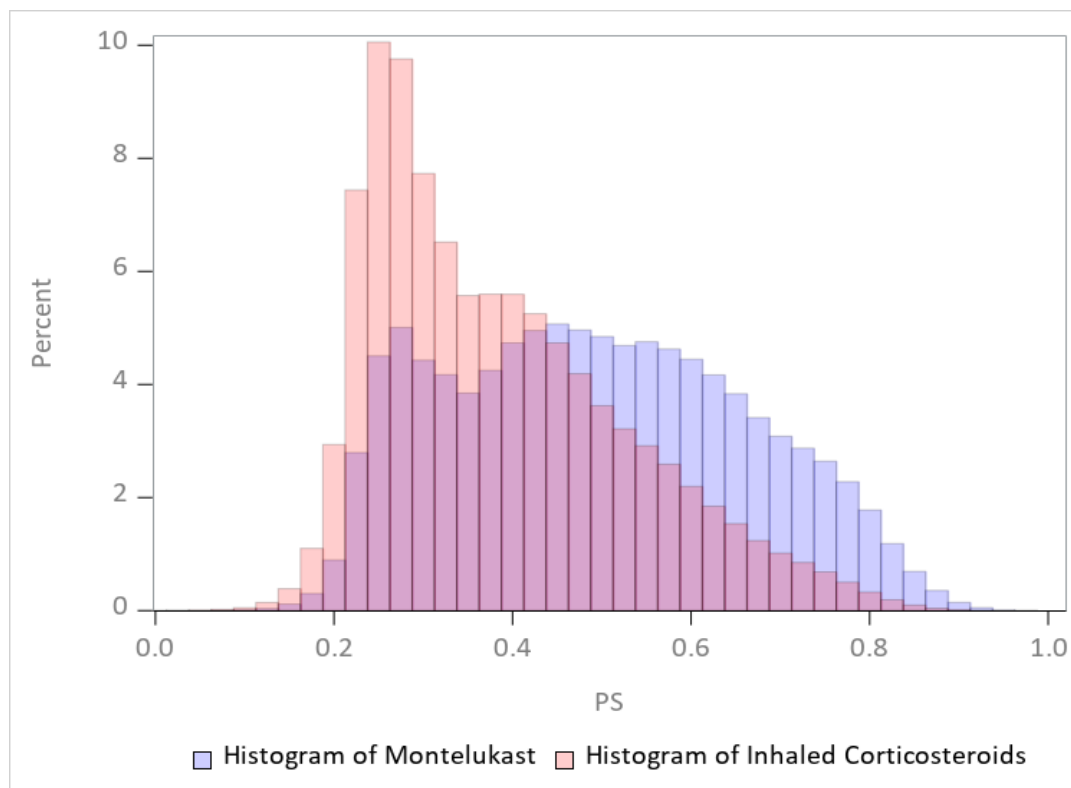
**Figure 3i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Unweighted Propensity Score Distribution Before Trimming



**Figure 3i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

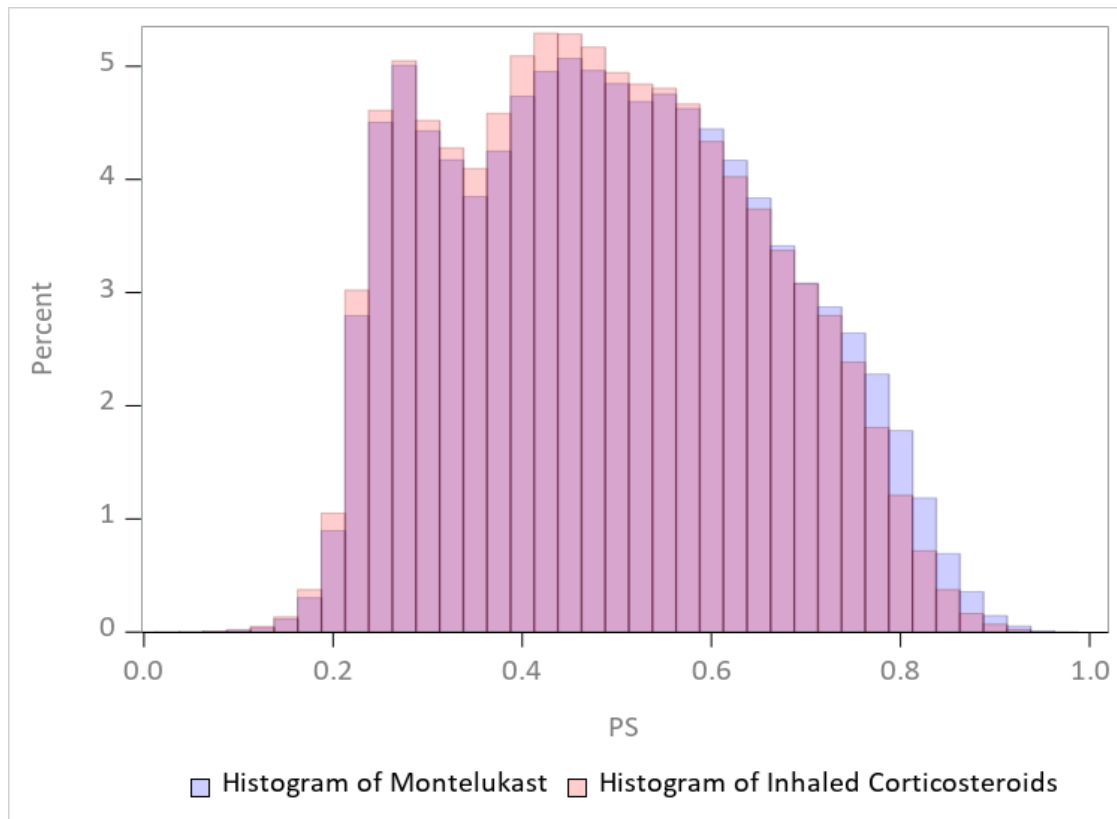
Unweighted Propensity Score Distribution After Trimming





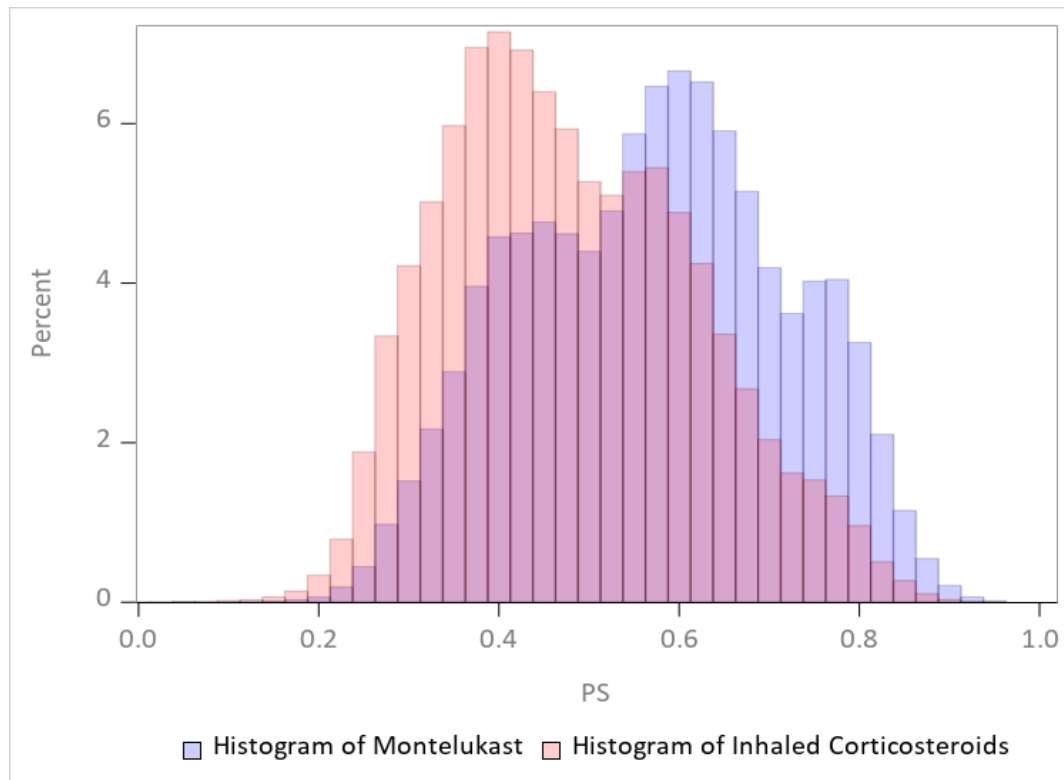
**Figure 3i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



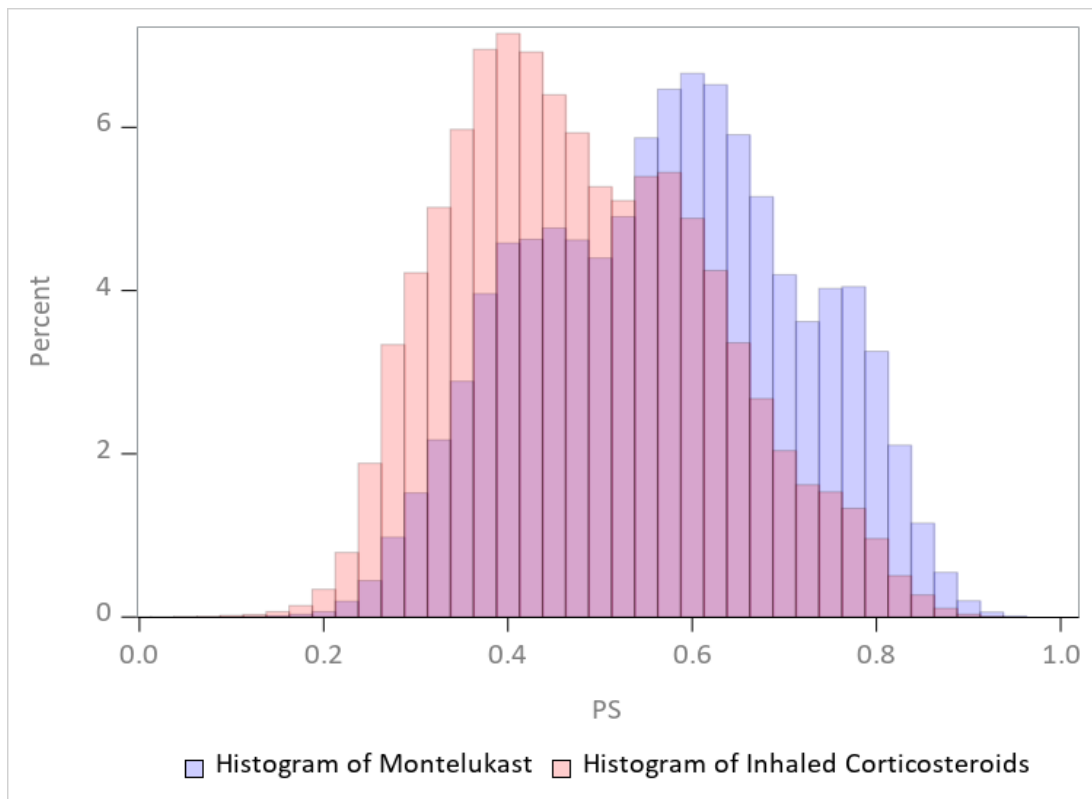
**Figure 3j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Unweighted Propensity Score Distribution Before Trimming



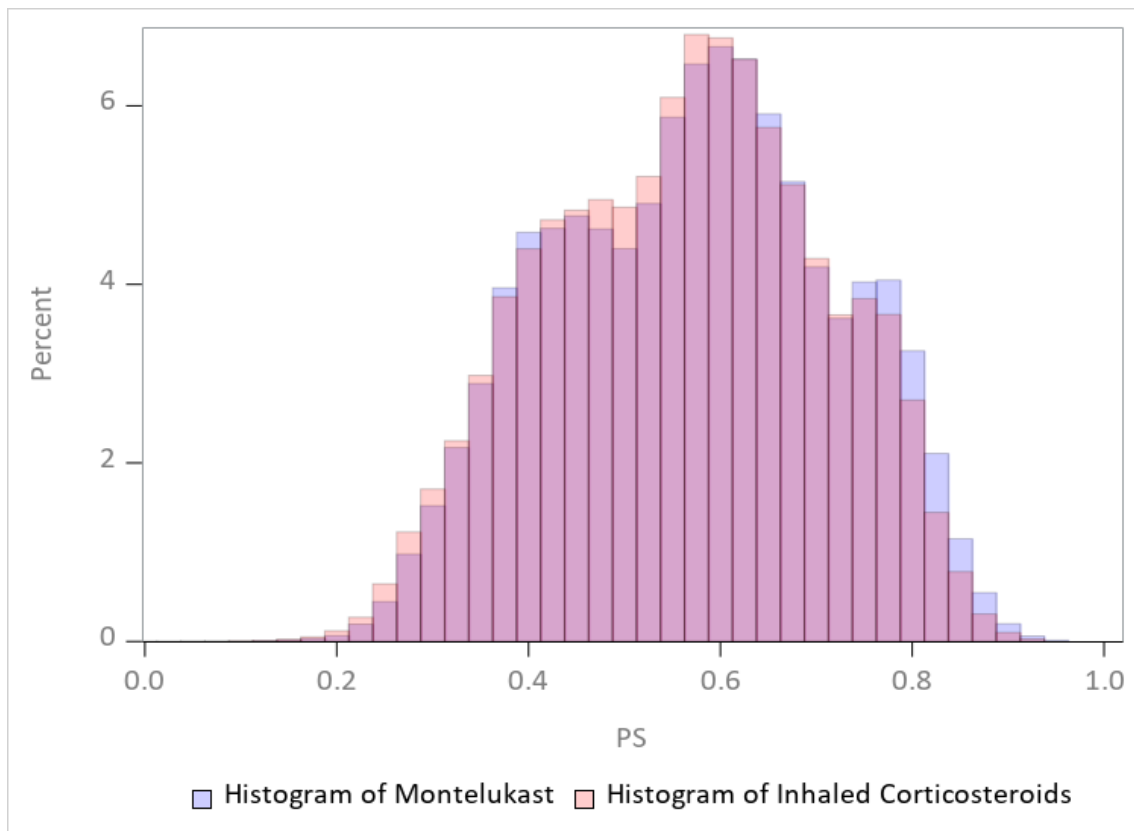
**Figure 3j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Unweighted Propensity Score Distribution After Trimming



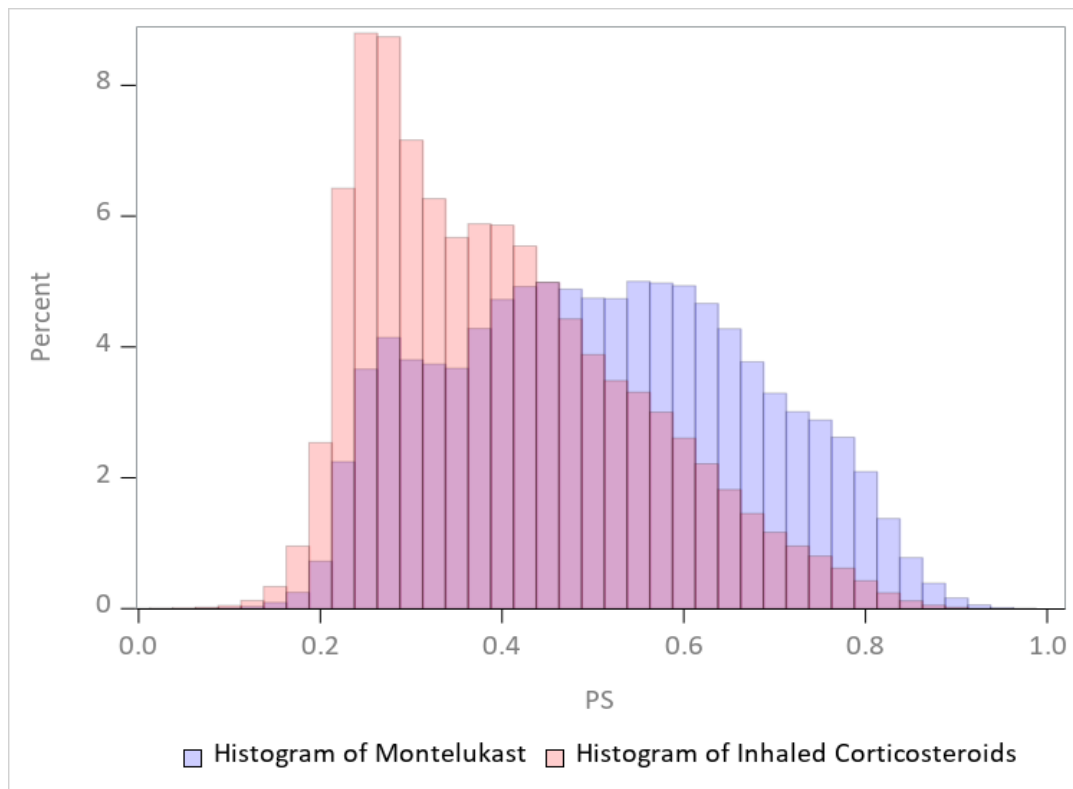
**Figure 3j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



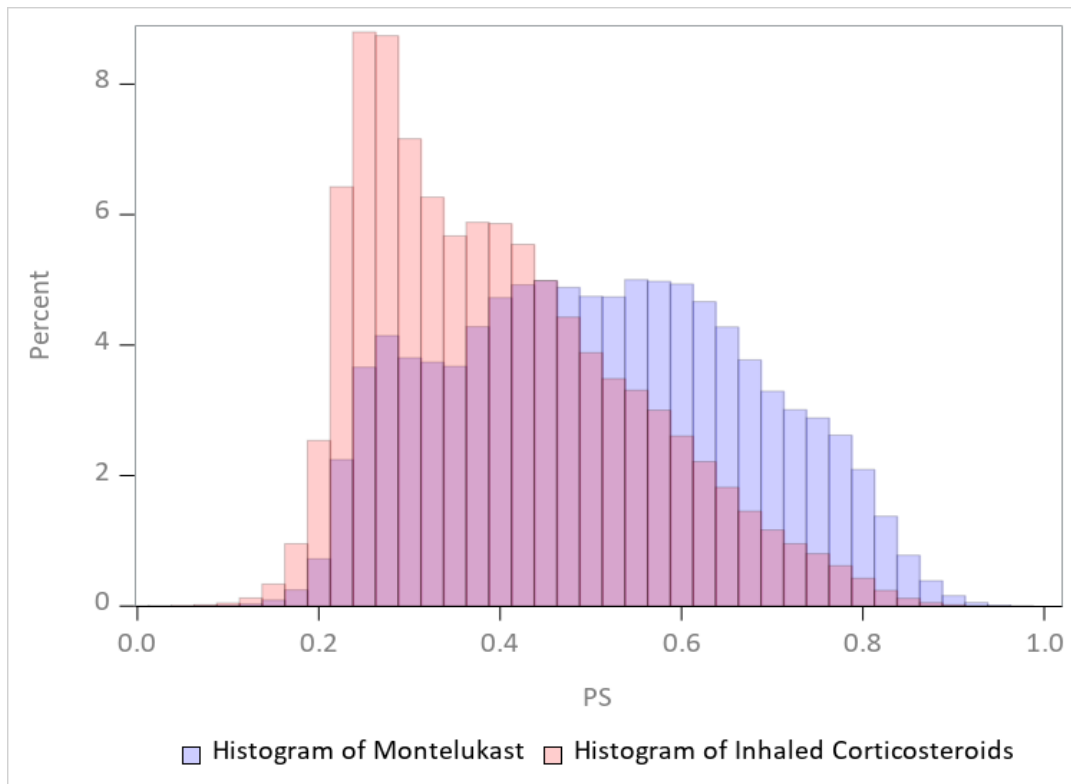
**Figure 4a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Unweighted Propensity Score Distribution Before Trimming



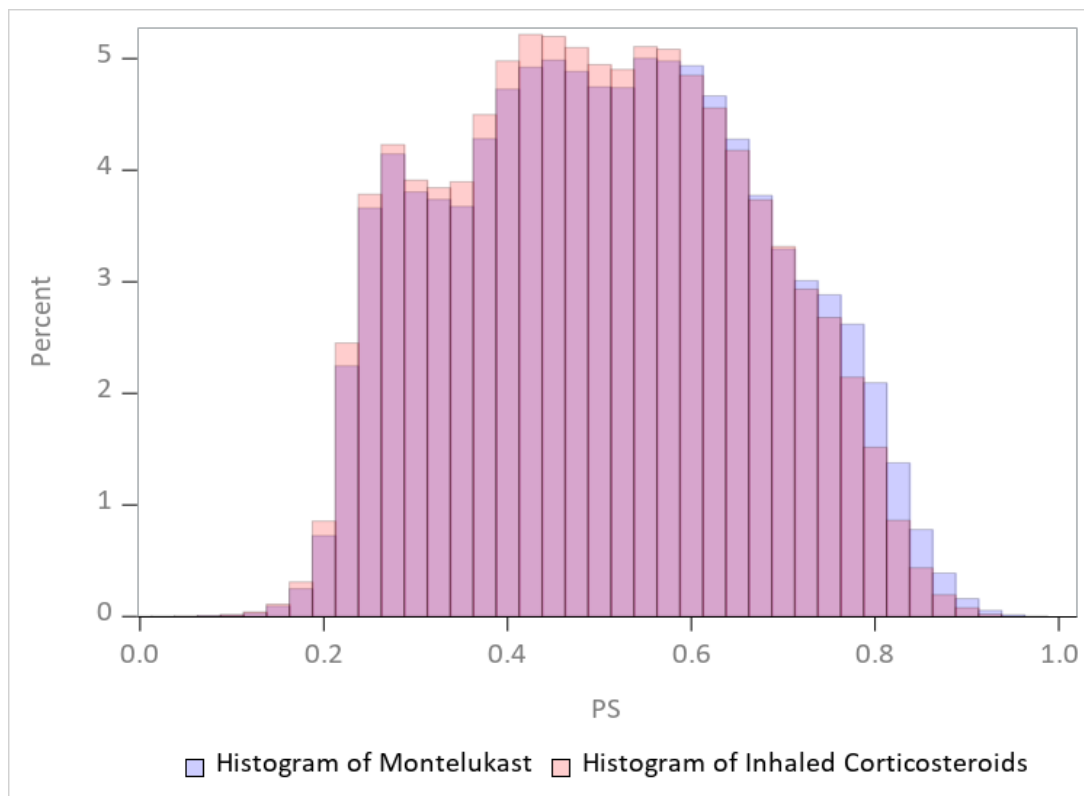
**Figure 4a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Unweighted Propensity Score Distribution After Trimming



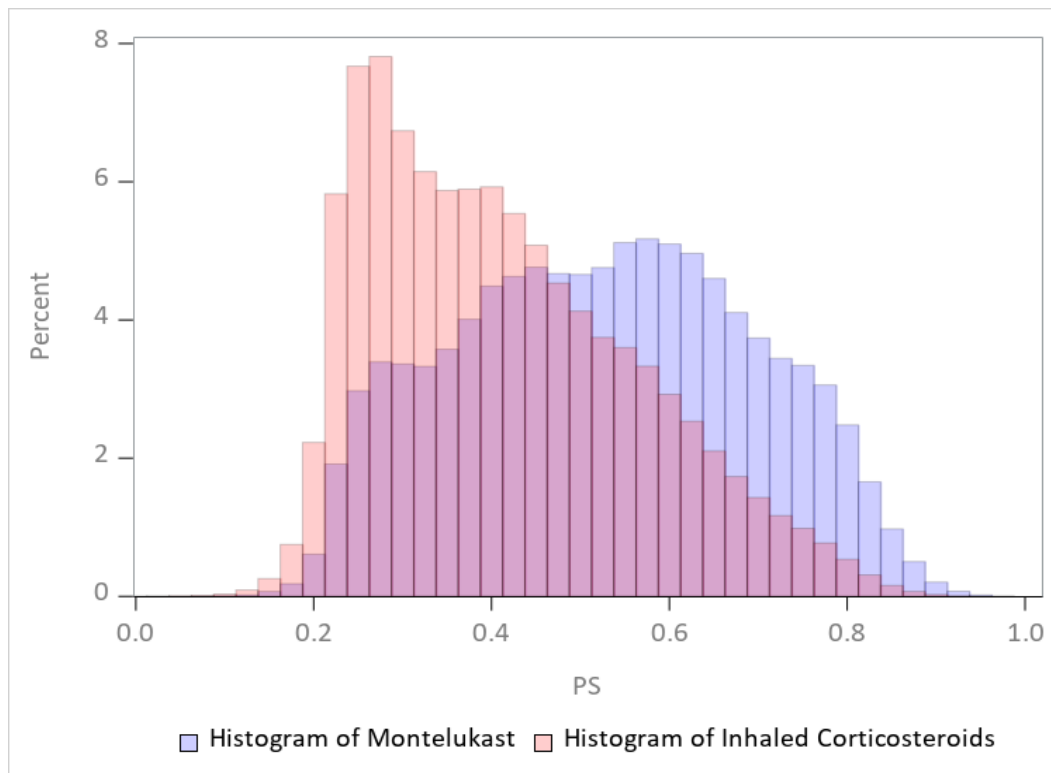
**Figure 4a. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



**Figure 4b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

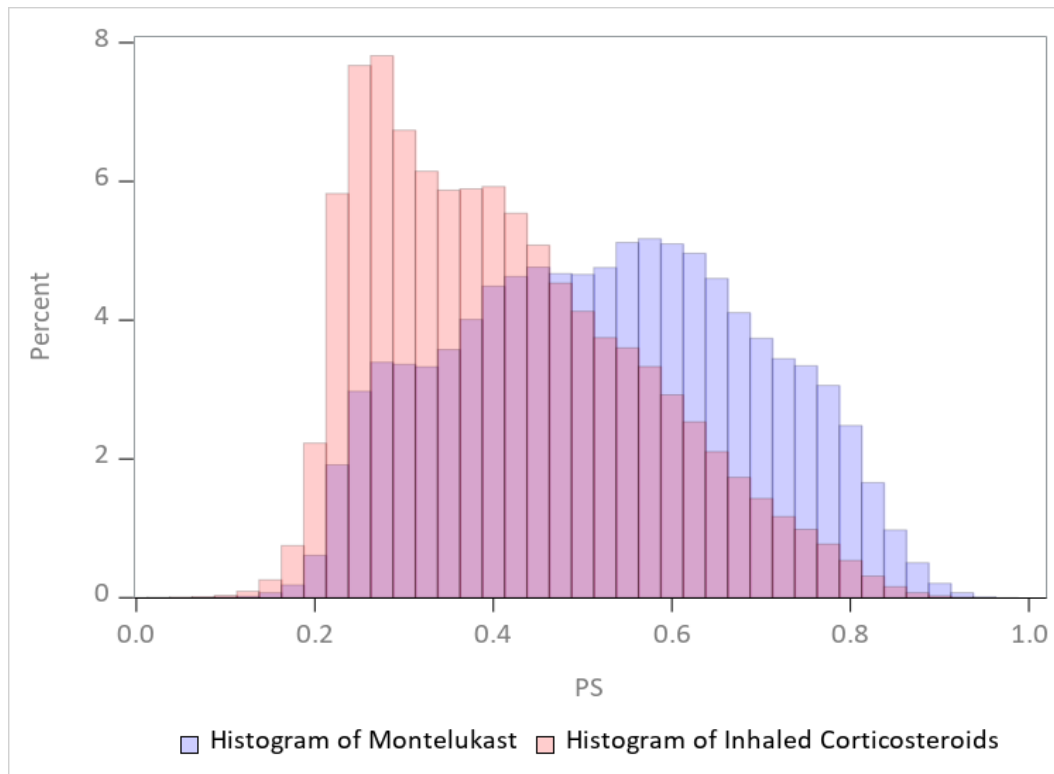
Unweighted Propensity Score Distribution Before Trimming





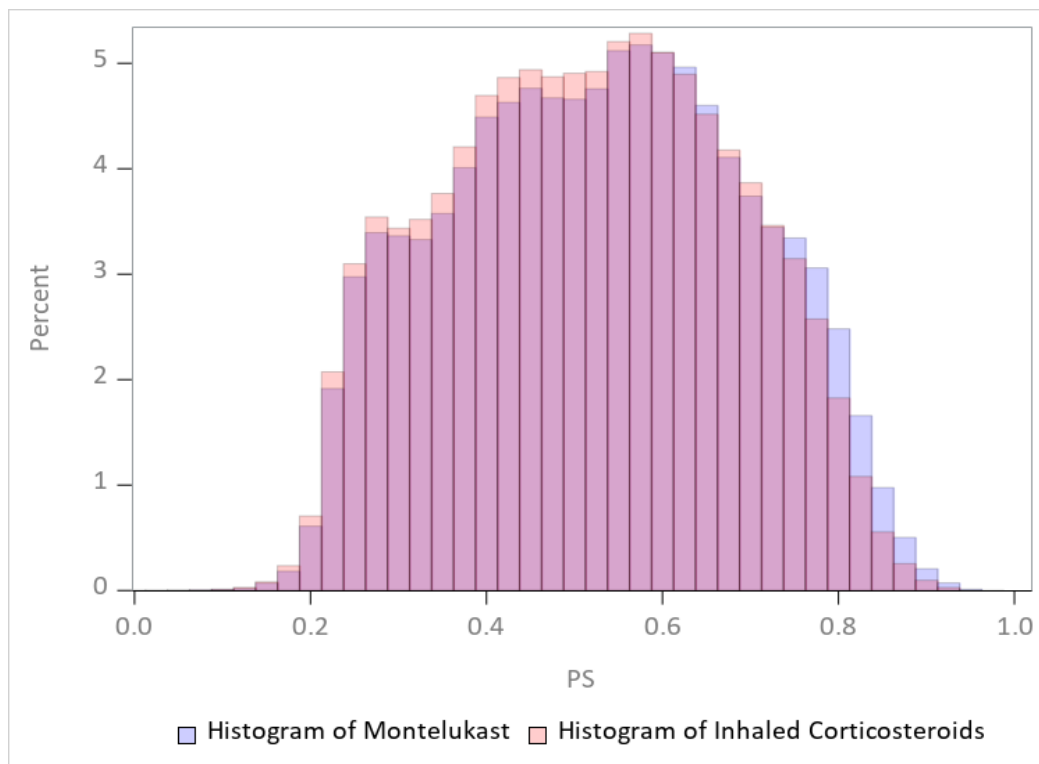
**Figure 4b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Unweighted Propensity Score Distribution After Trimming



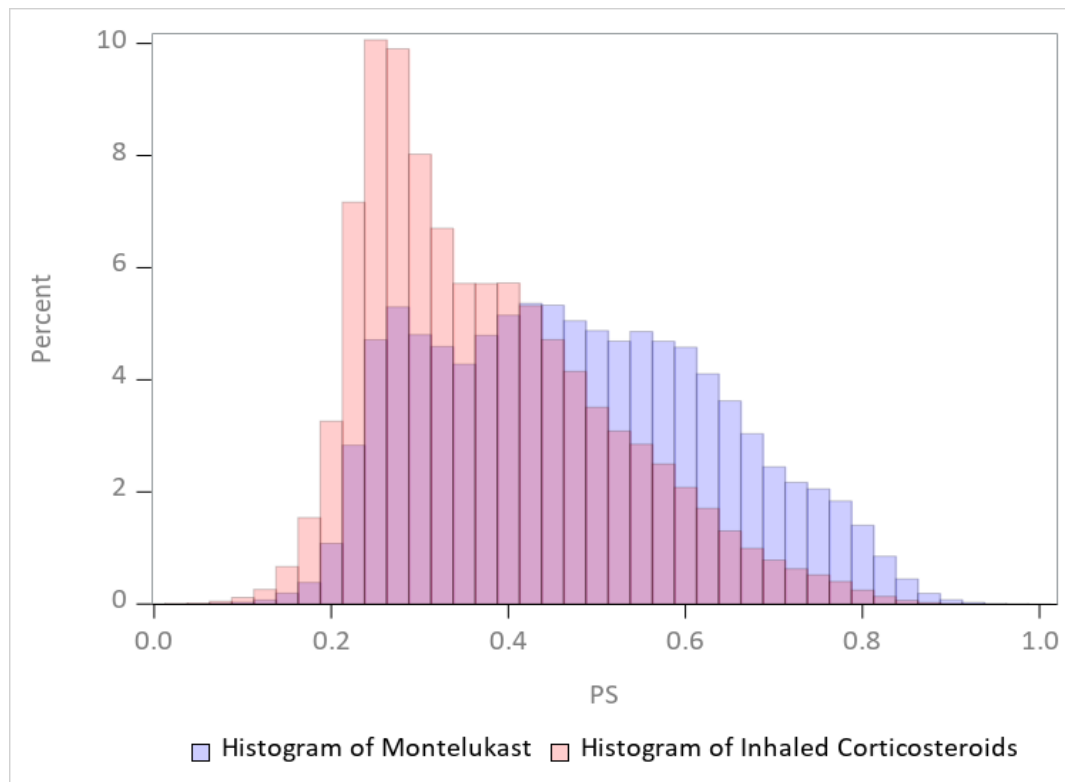
**Figure 4b. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



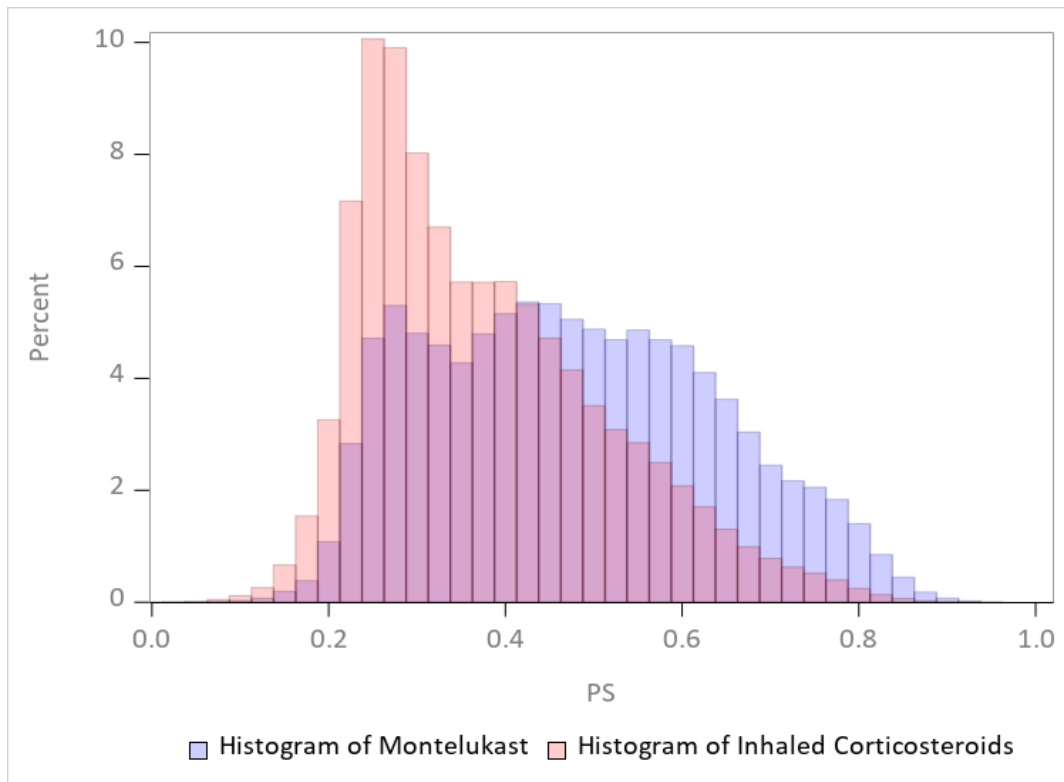
**Figure 4c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Unweighted Propensity Score Distribution Before Trimming



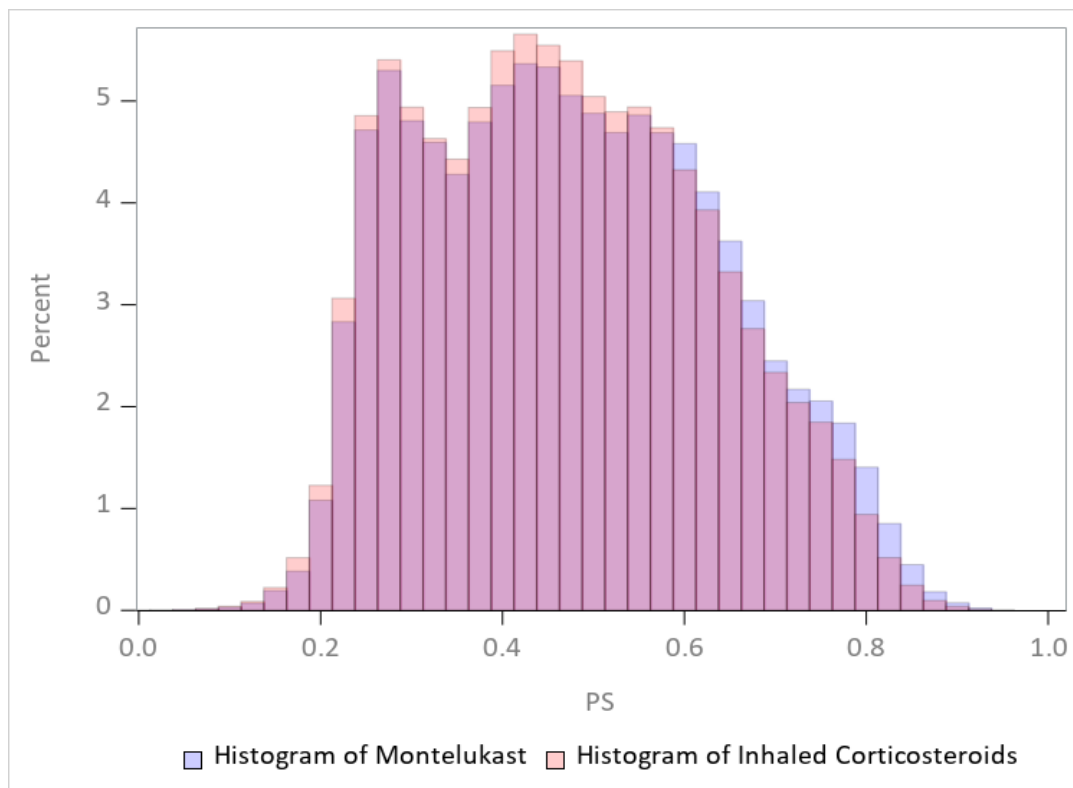
**Figure 4c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Unweighted Propensity Score Distribution After Trimming



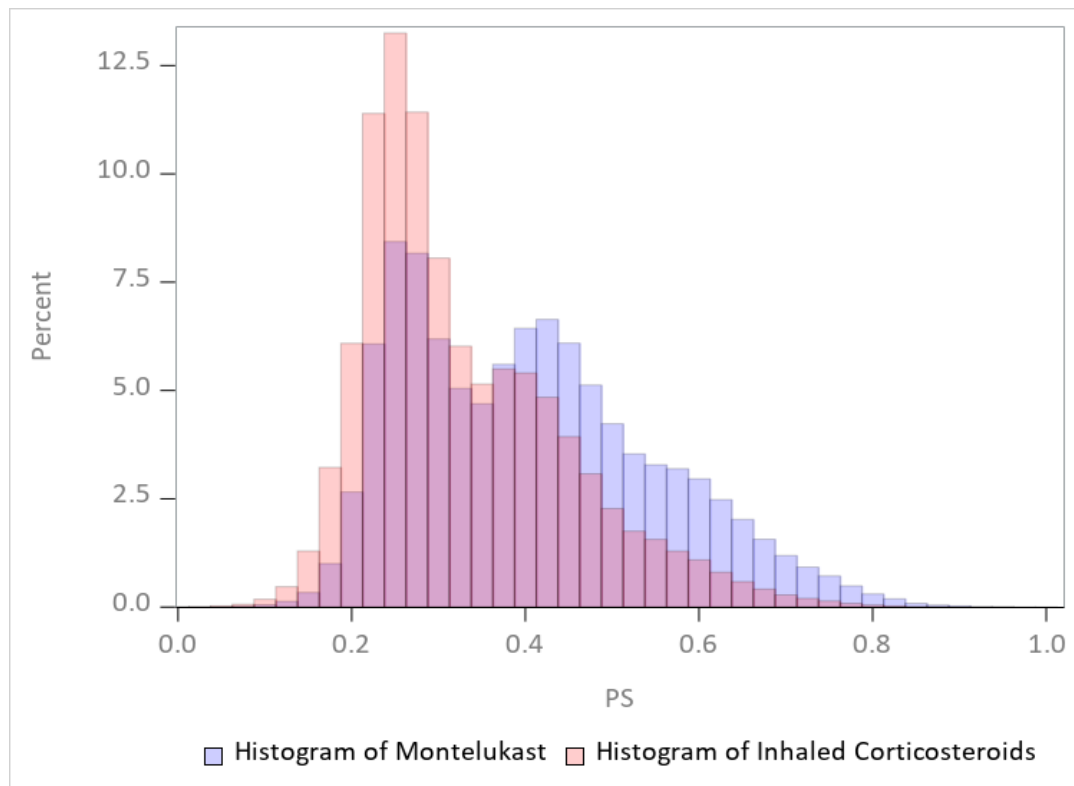
**Figure 4c. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



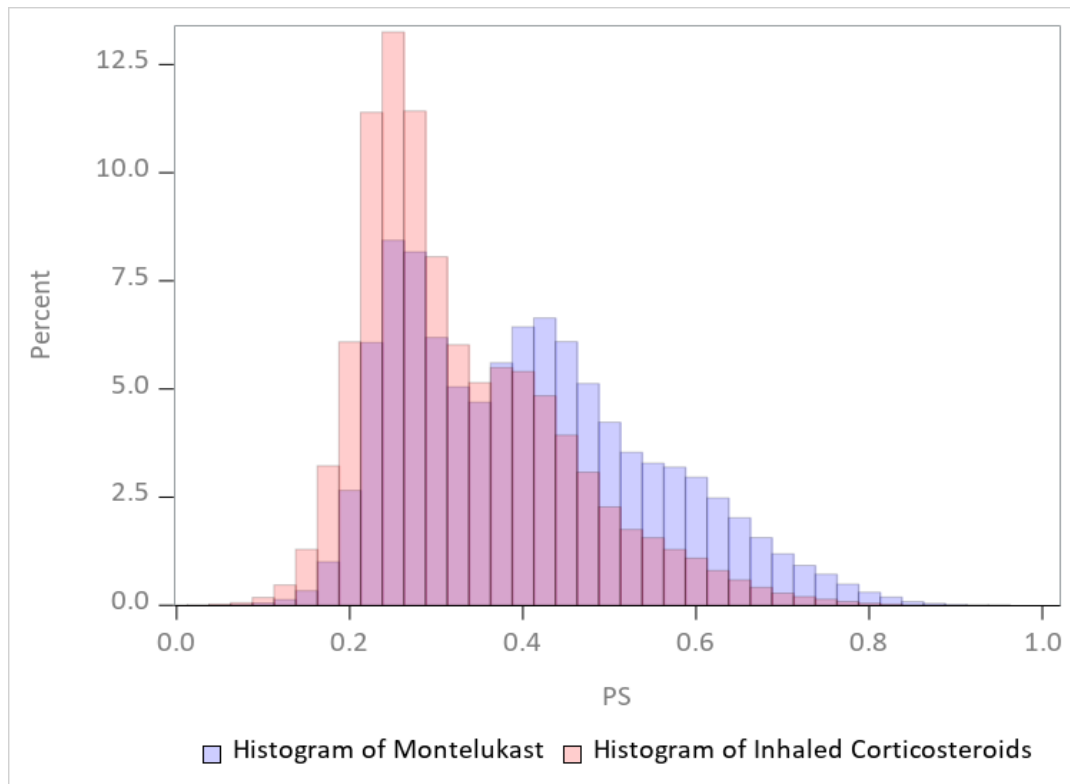
**Figure 4d. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

Unweighted Propensity Score Distribution Before Trimming



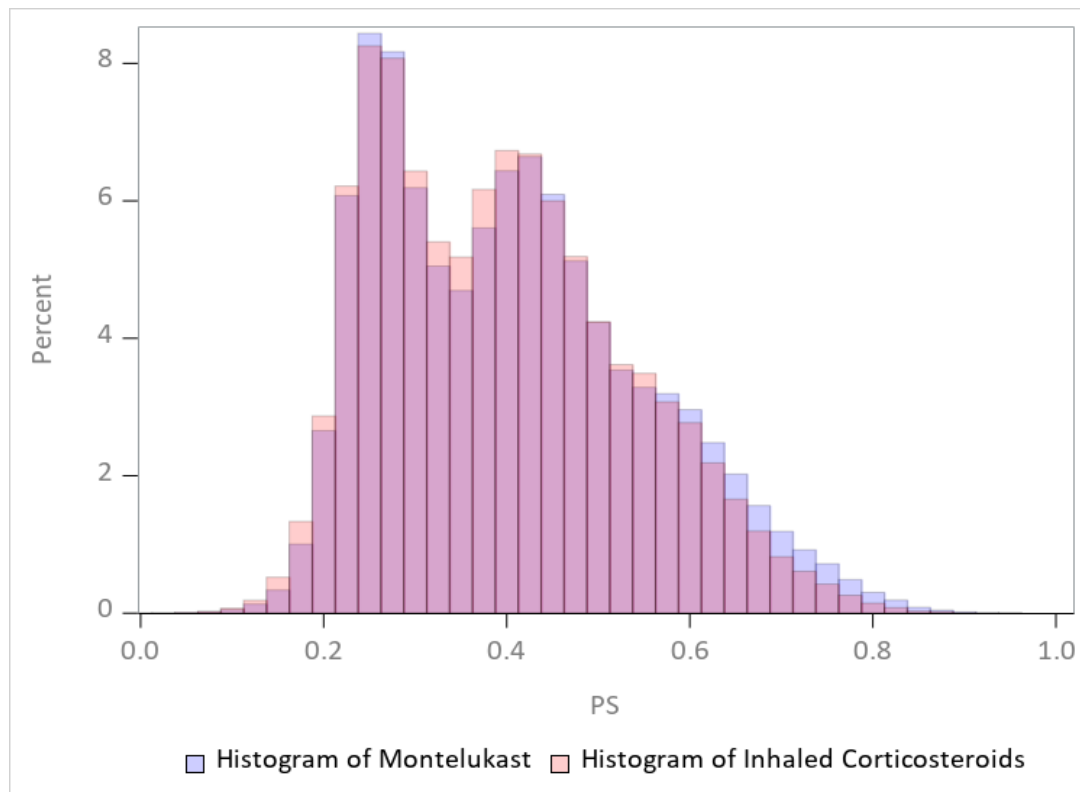
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Unweighted Propensity Score Distribution After Trimming



**Figure 4d. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

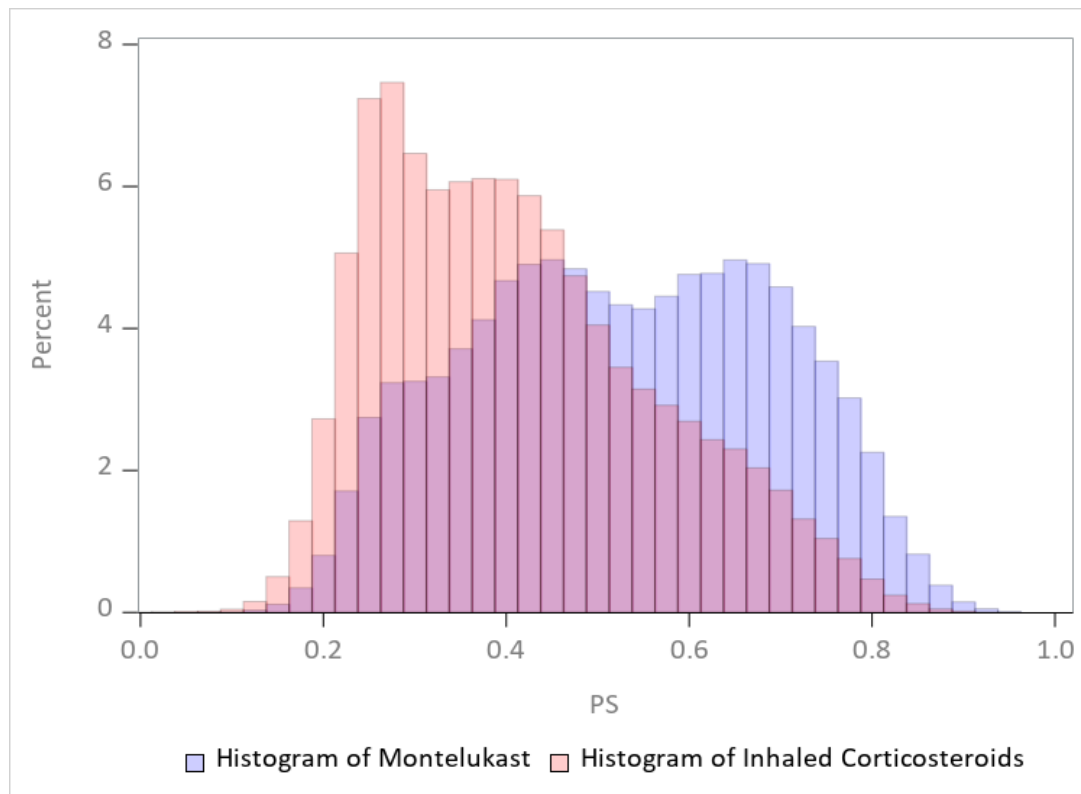
Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)





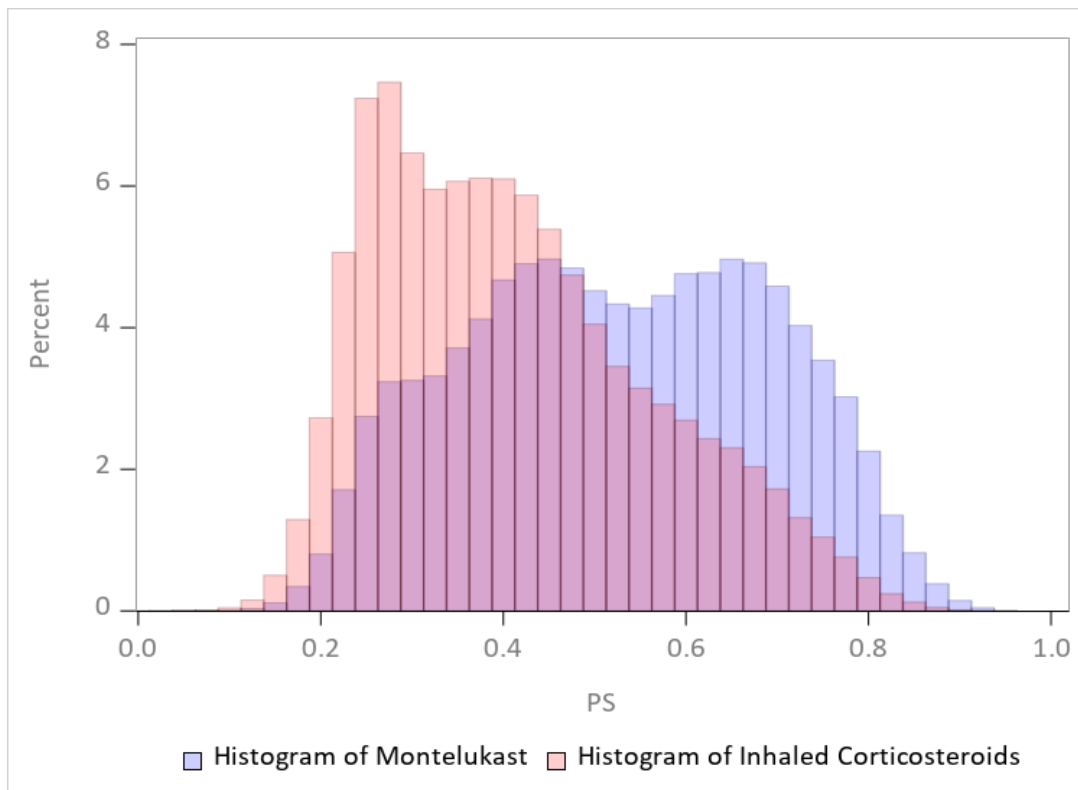
**Figure 4e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

Unweighted Propensity Score Distribution Before Trimming



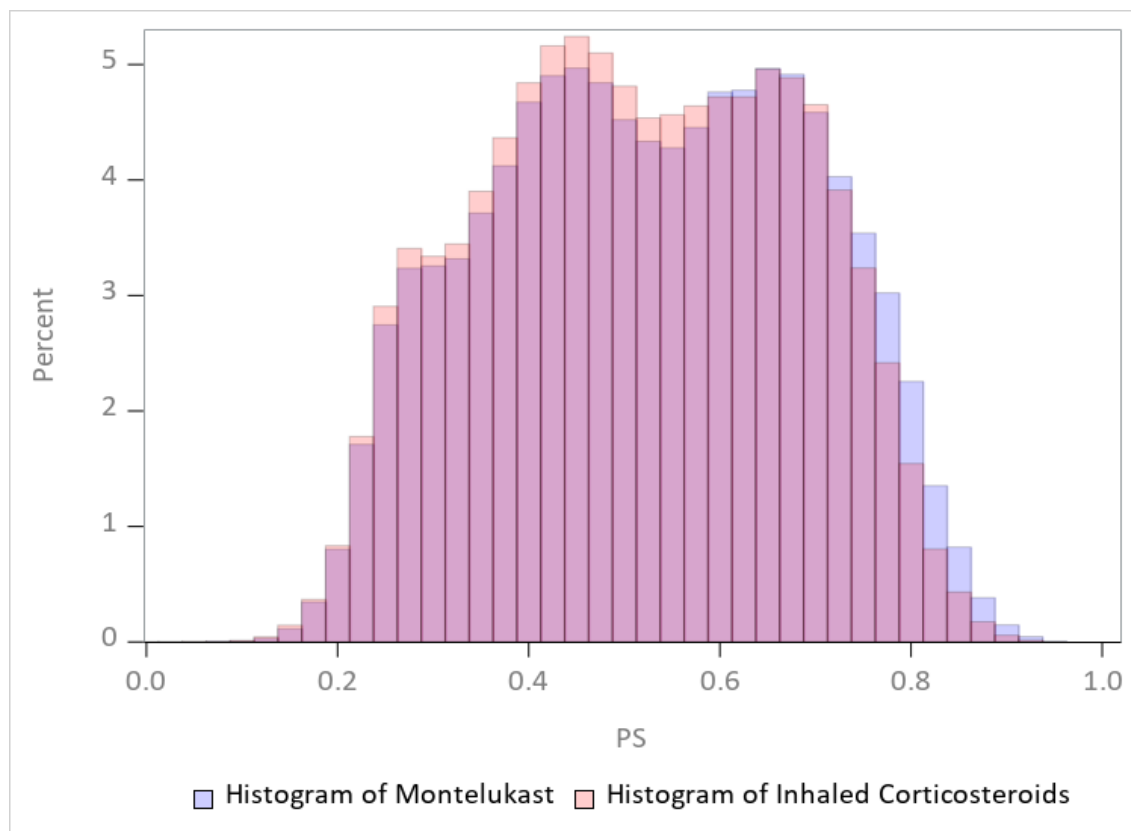
**Figure 4e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

Unweighted Propensity Score Distribution After Trimming



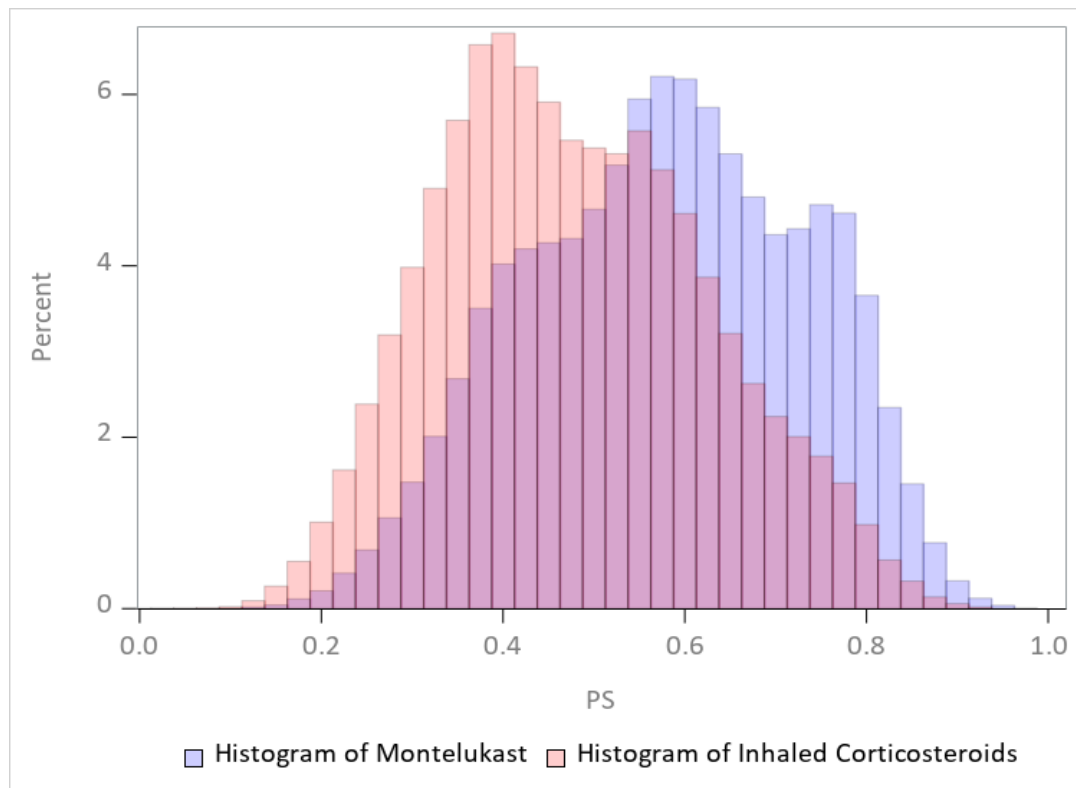
**Figure 4e. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



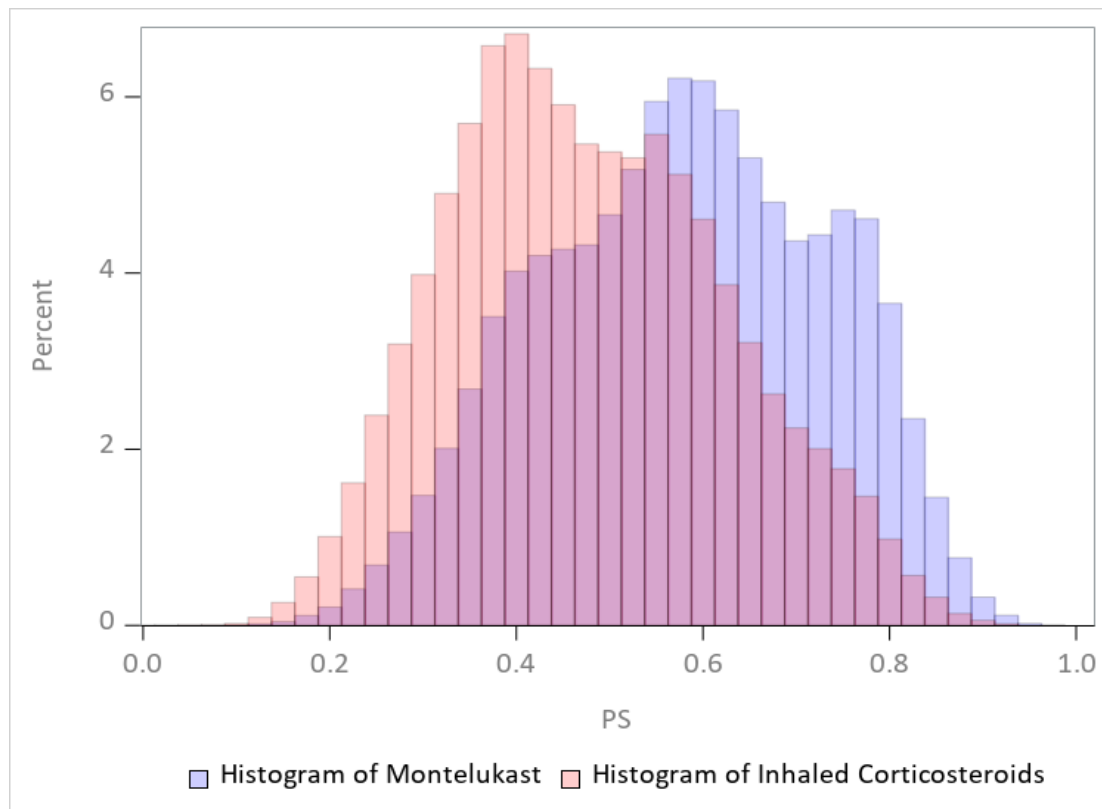
**Figure 4f. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years**

Unweighted Propensity Score Distribution Before Trimming



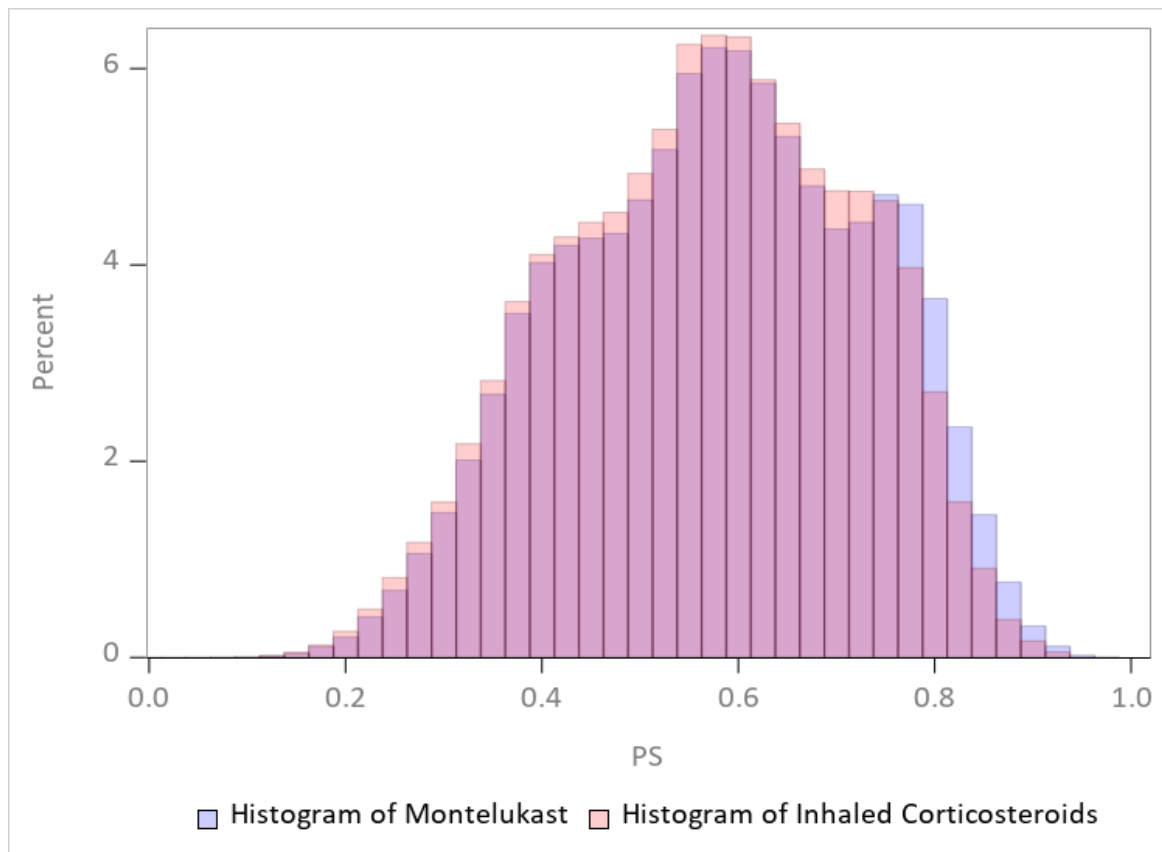
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Unweighted Propensity Score Distribution After Trimming



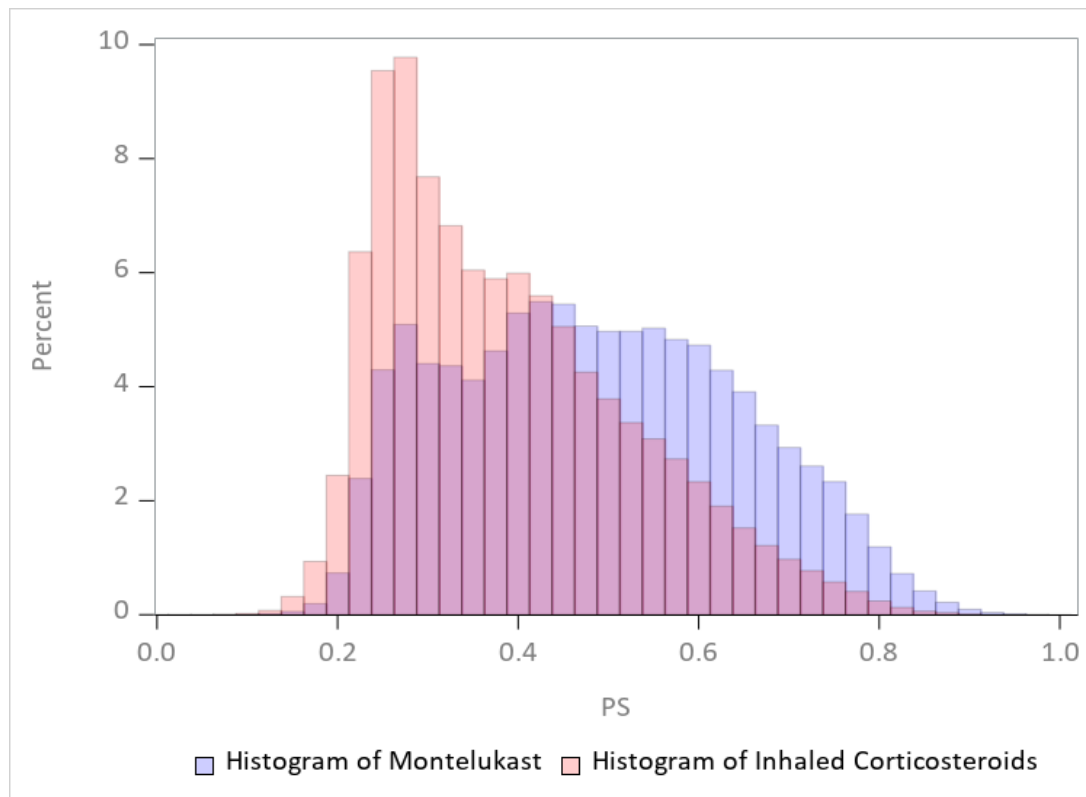
**Figure 4f. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



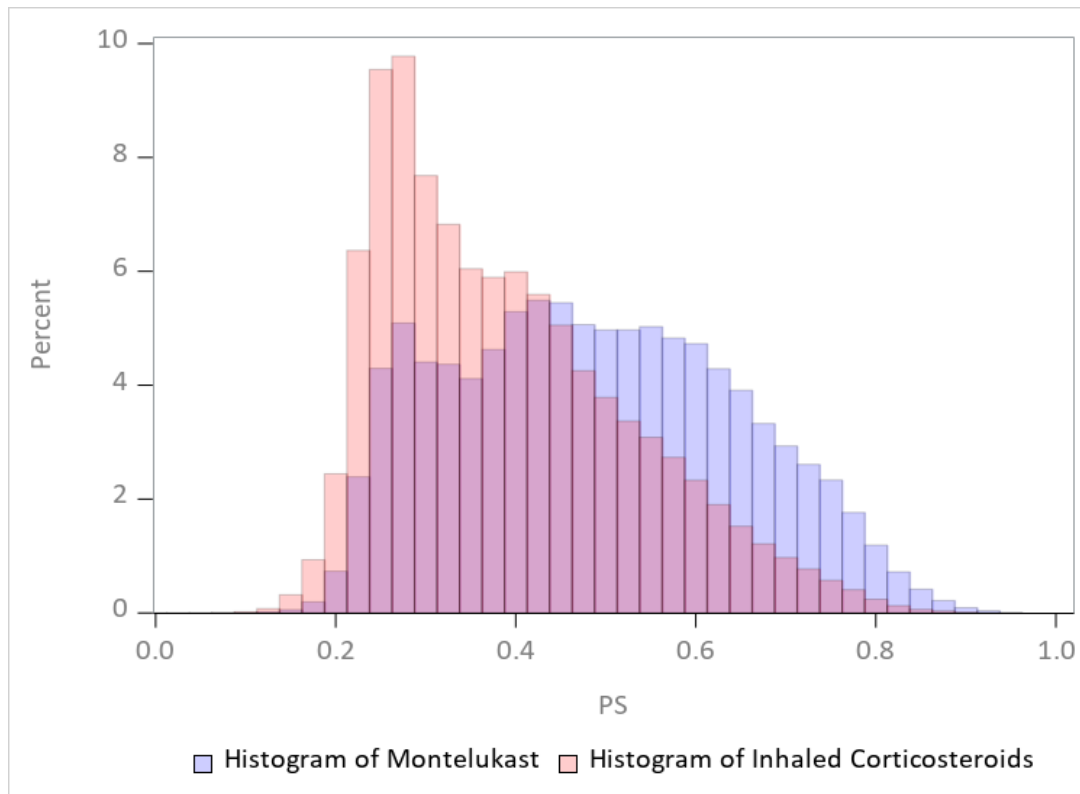
**Figure 4g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Unweighted Propensity Score Distribution Before Trimming



**Figure 4g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

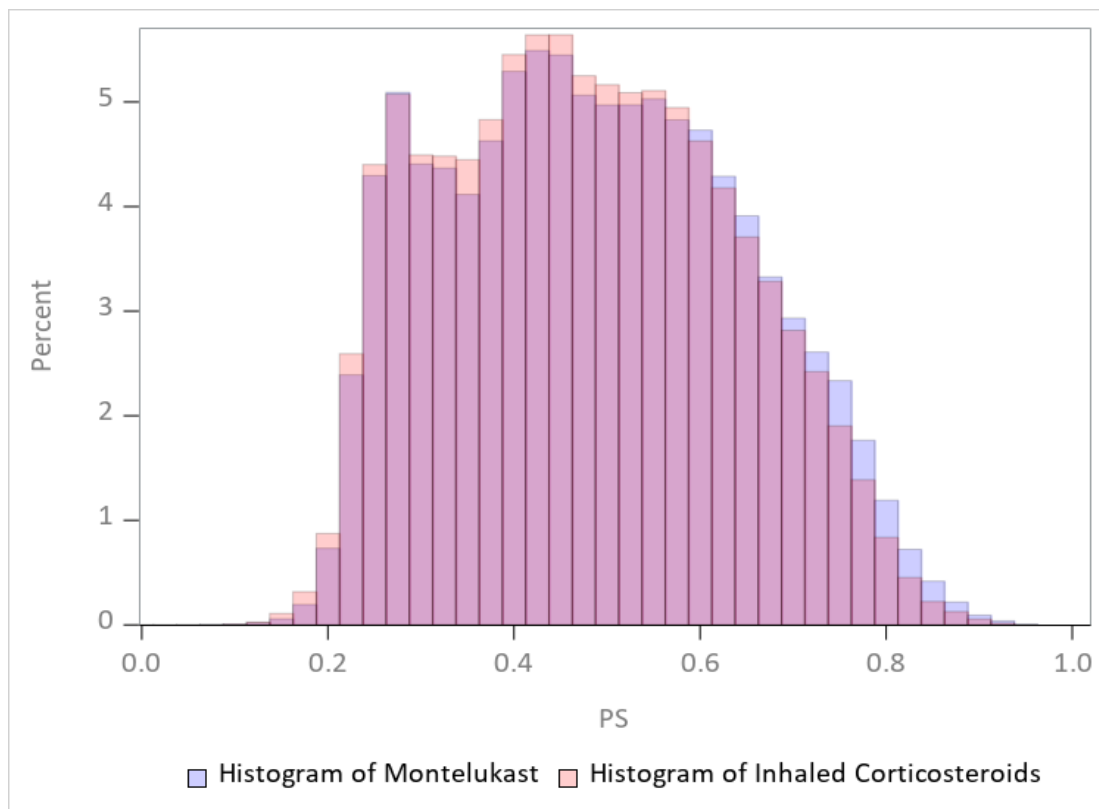
Unweighted Propensity Score Distribution After Trimming





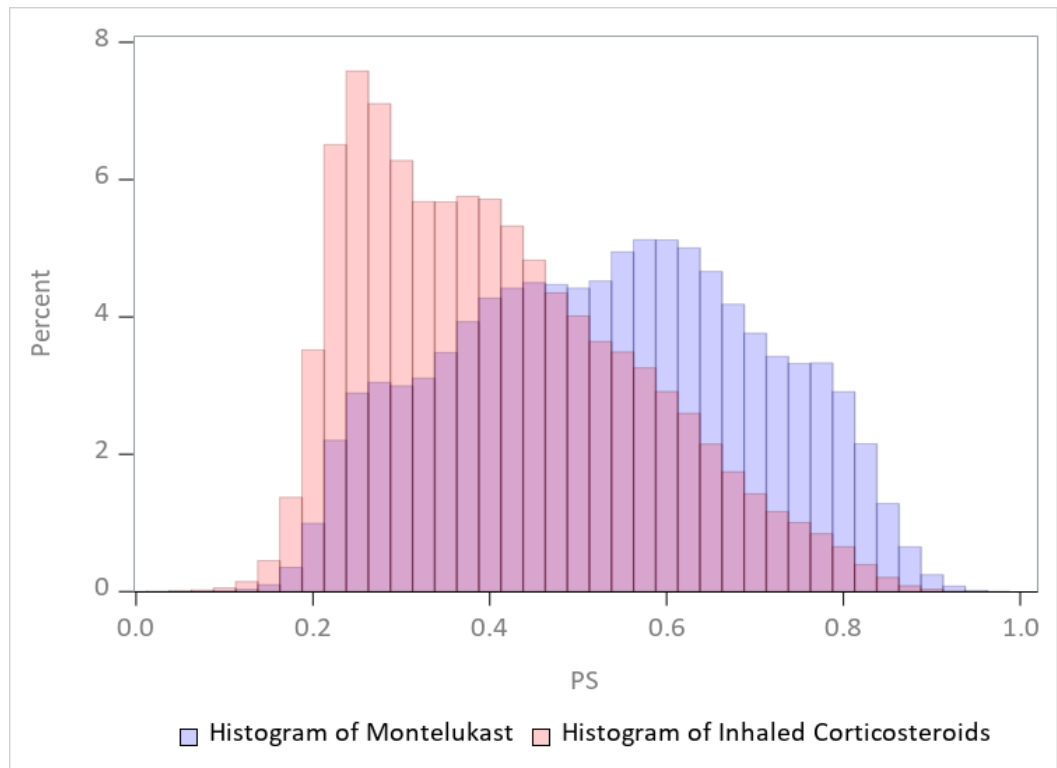
**Figure 4g. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



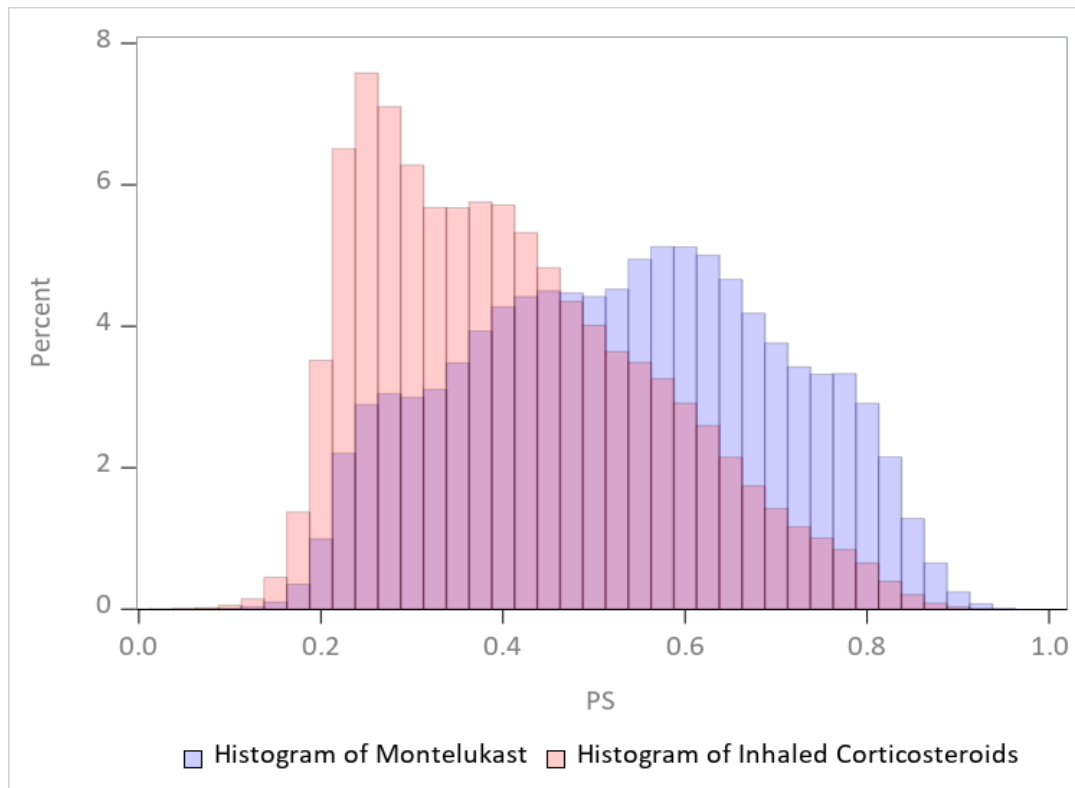
**Figure 4h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Unweighted Propensity Score Distribution Before Trimming



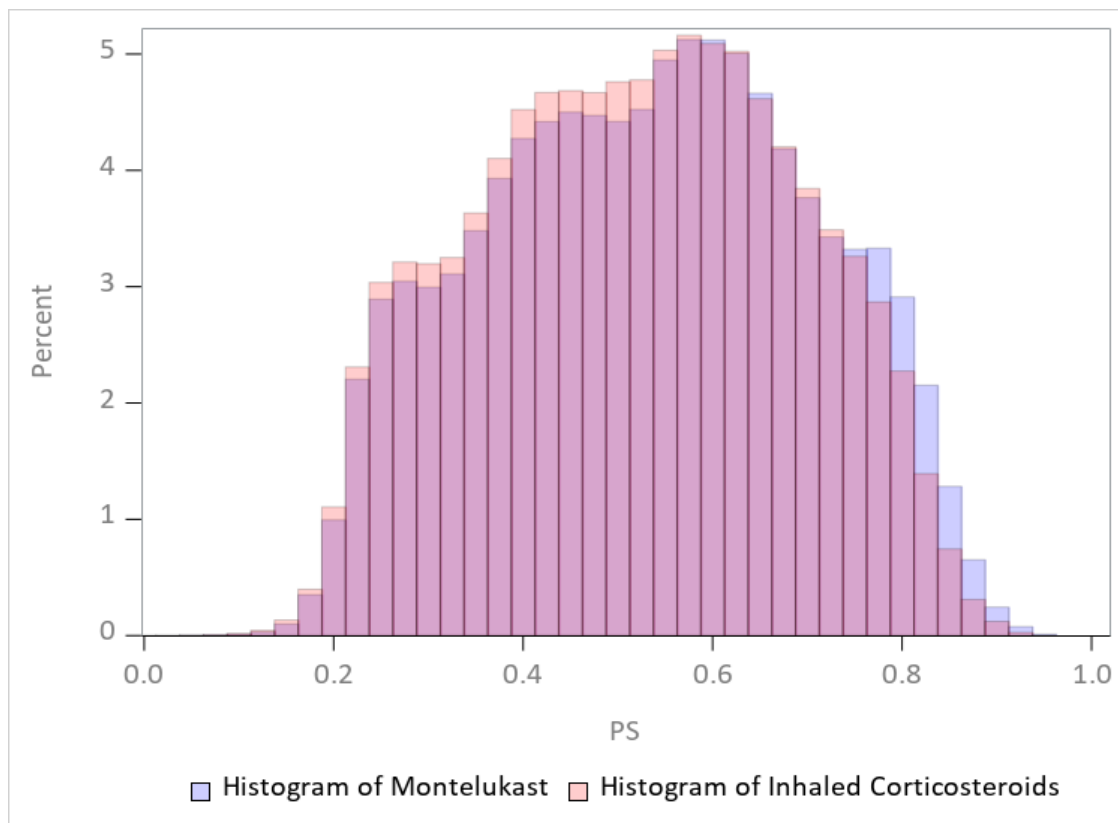
**Figure 4h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Unweighted Propensity Score Distribution After Trimming



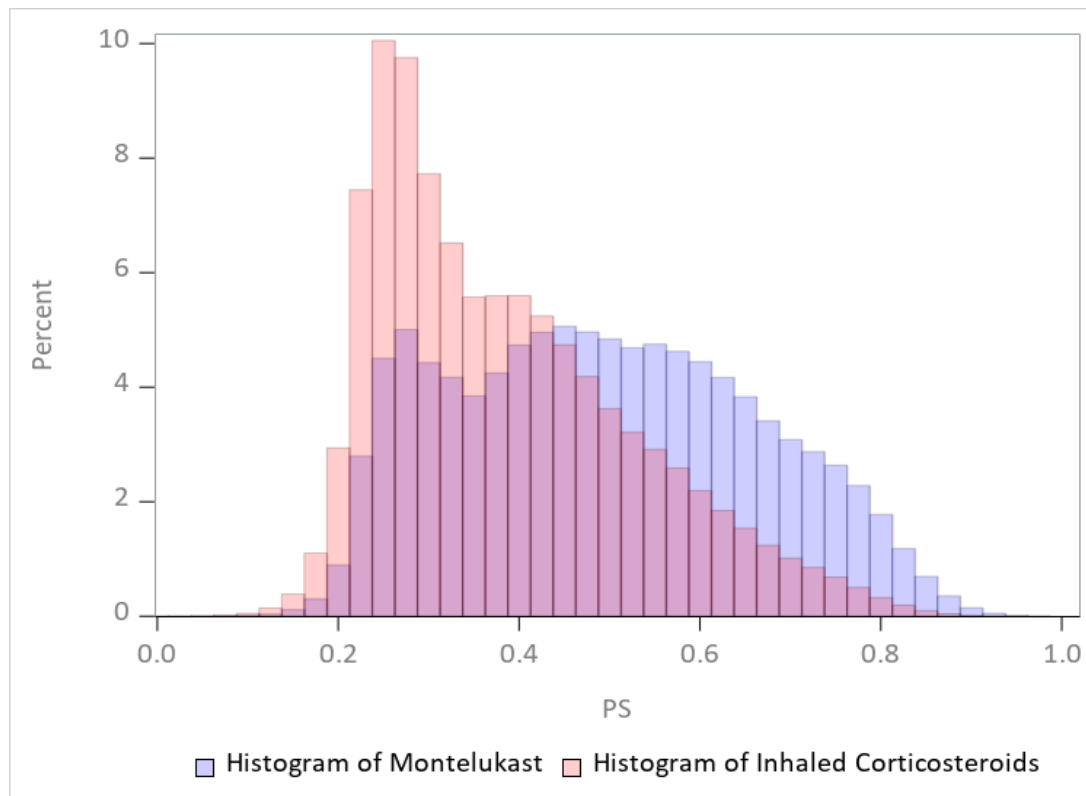
**Figure 4h. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



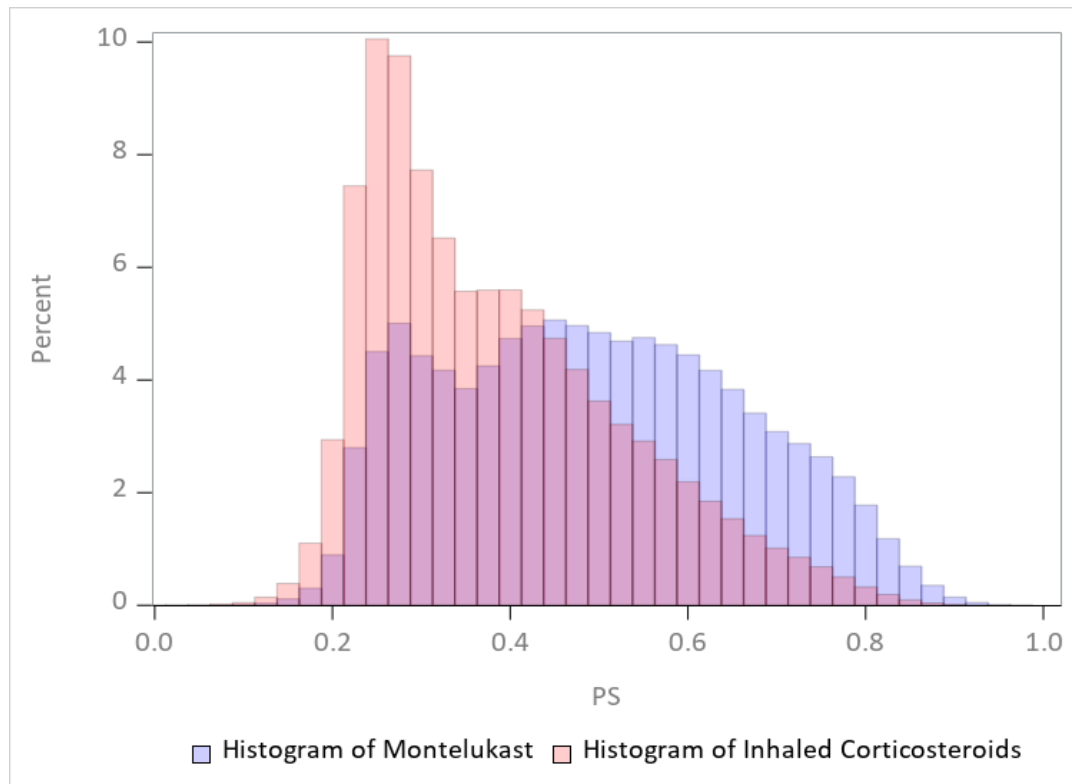
**Figure 4i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Unweighted Propensity Score Distribution Before Trimming



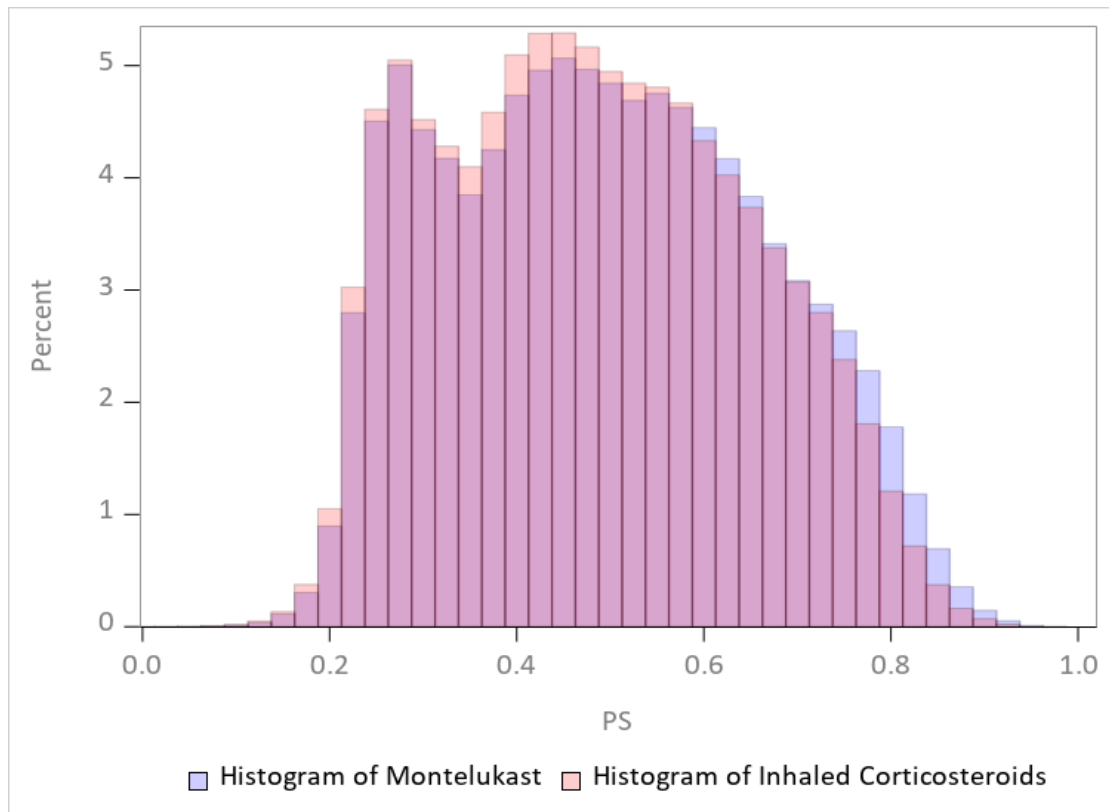
**Figure 4i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Unweighted Propensity Score Distribution After Trimming



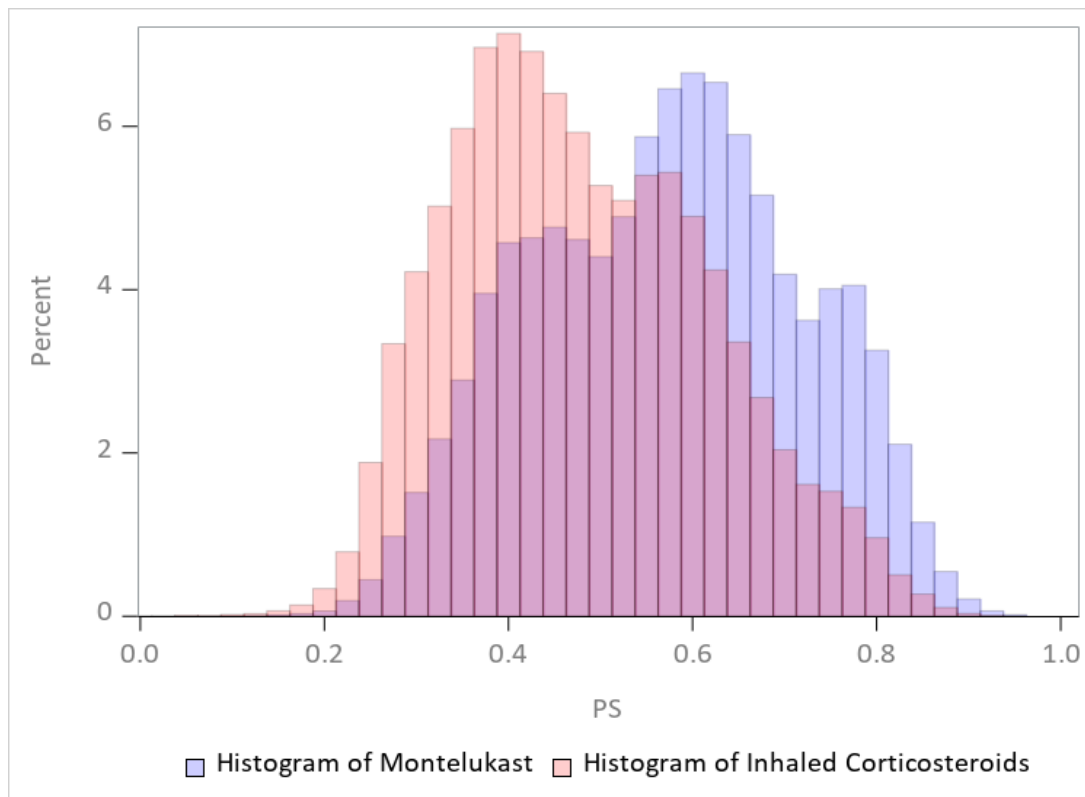
**Figure 4i. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



**Figure 4j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

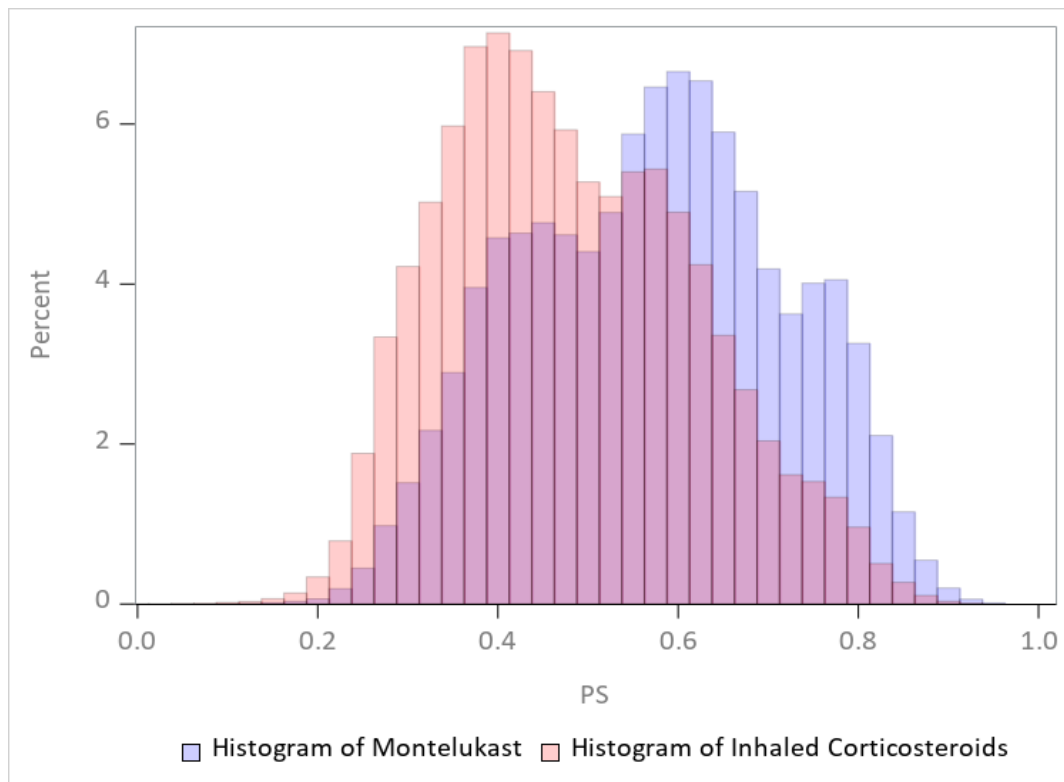
Unweighted Propensity Score Distribution Before Trimming





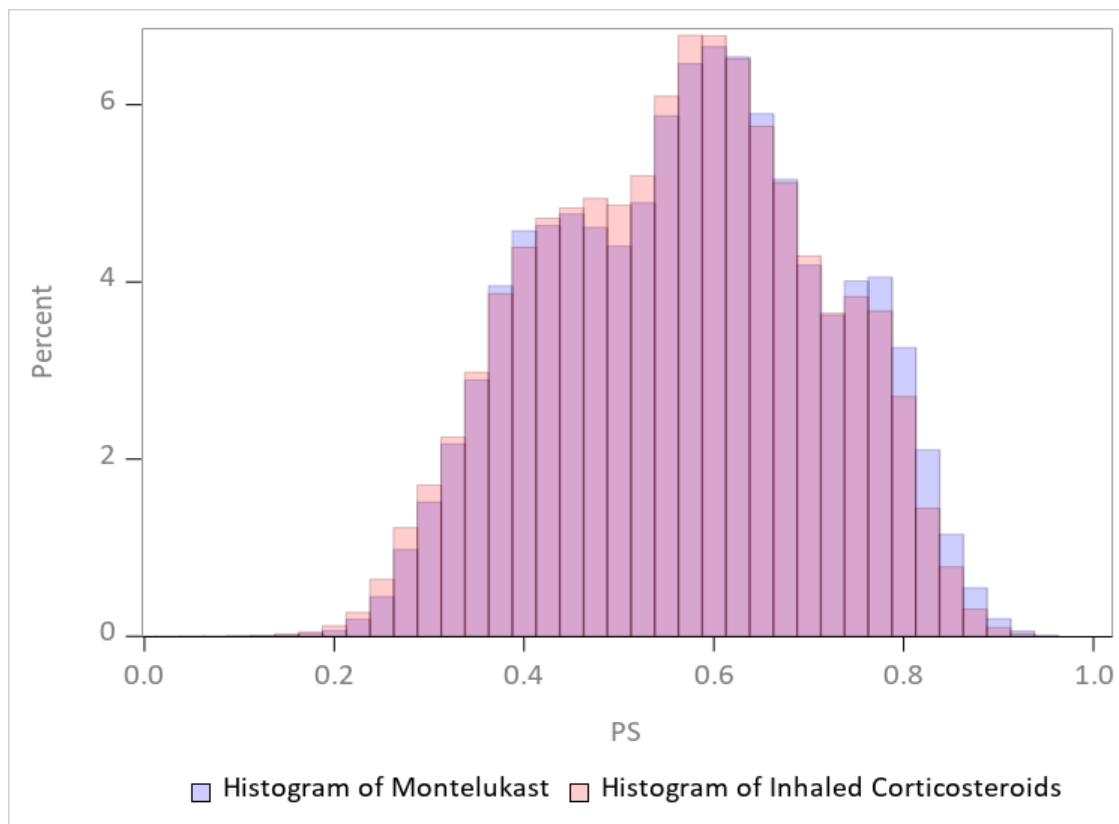
**Figure 4j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

Unweighted Propensity Score Distribution After Trimming

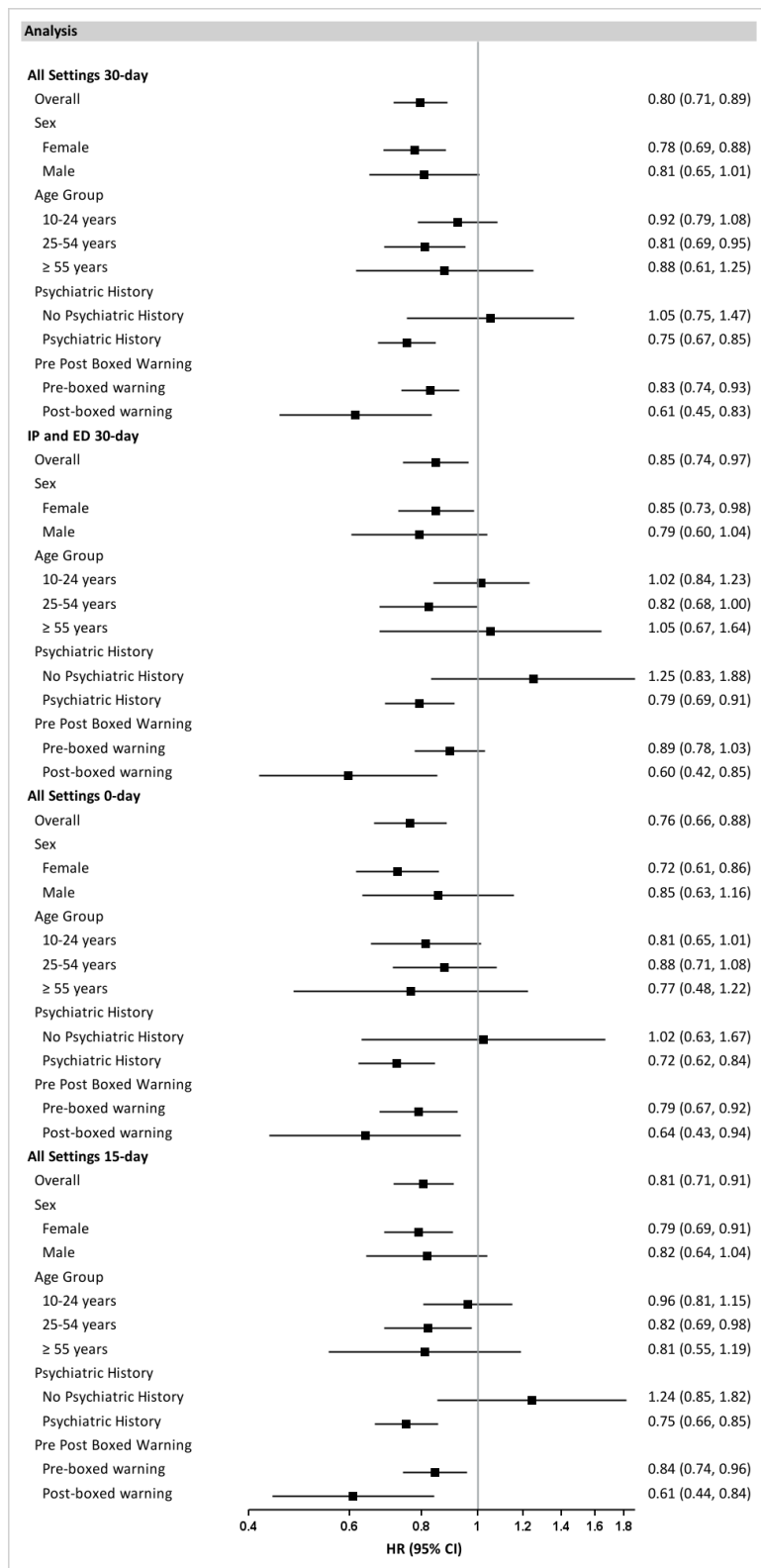


**Figure 4j. Histograms Depicting Propensity Score Distributions Before and After Adjustment for Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

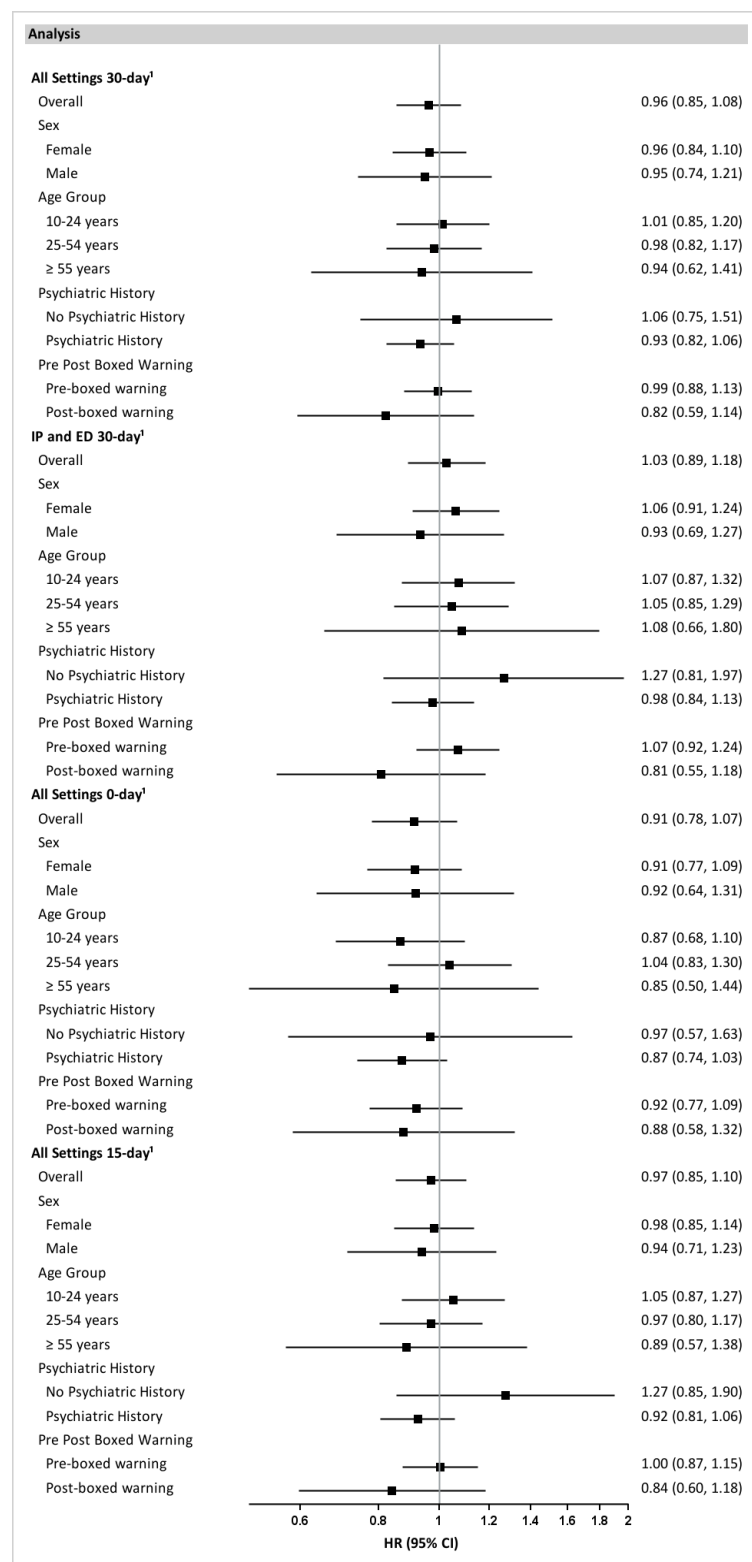
Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect in the Treated (ATT)



**Figure 5a. Forest Plot of Hazard Ratios (HR) and 95% Confidence Intervals (CI) for Site-Adjusted Analyses in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

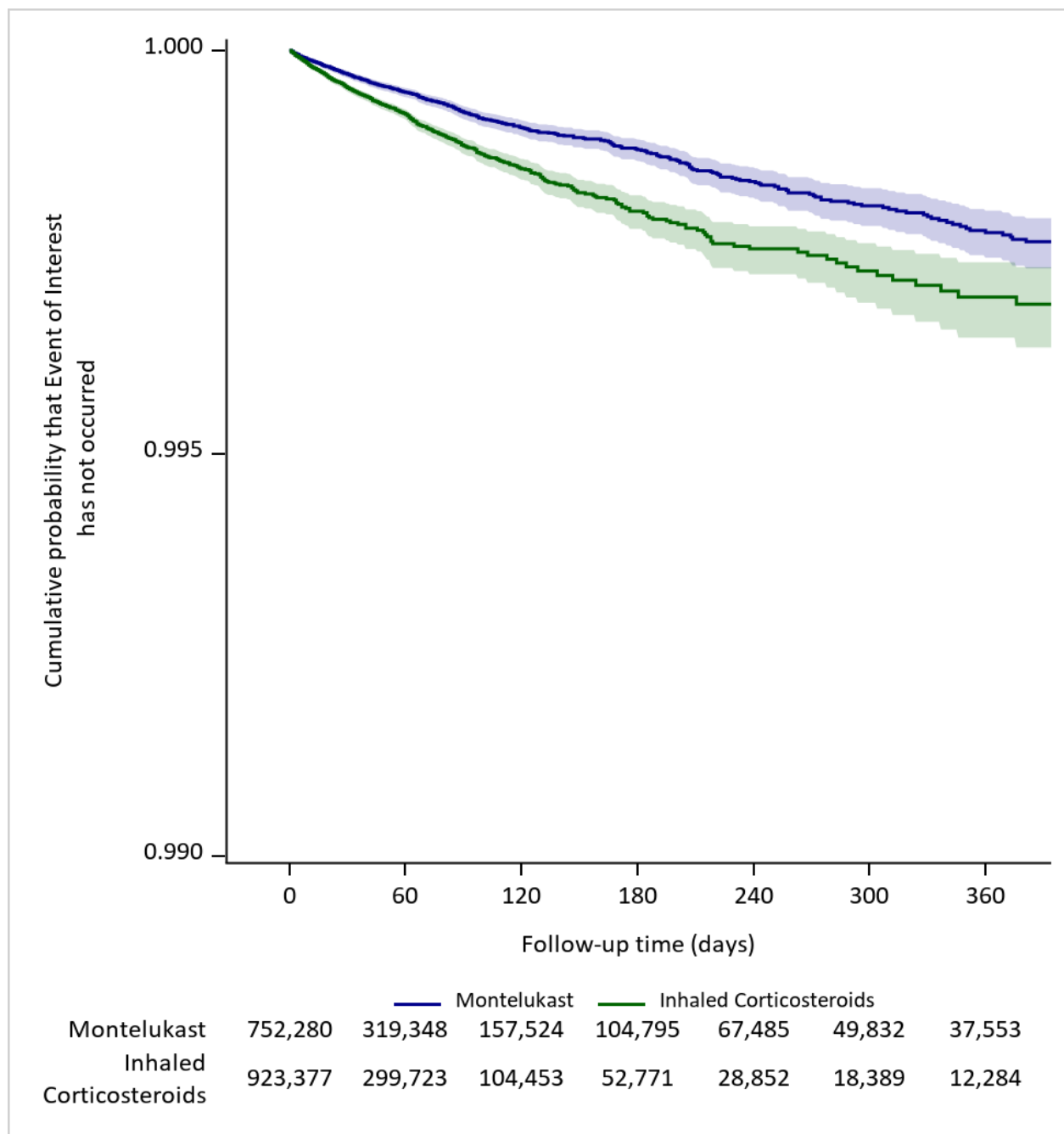


**Figure 5b. Forest Plot of Hazard Ratios (HR) and 95% Confidence Intervals (CI) for Inverse Probability of Treatment Weighted Analyses in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**



<sup>1</sup>Weighted using Average Treatment Effect in the Treated, (ATT)

**Figure 6a. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**



**Figure 6b. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

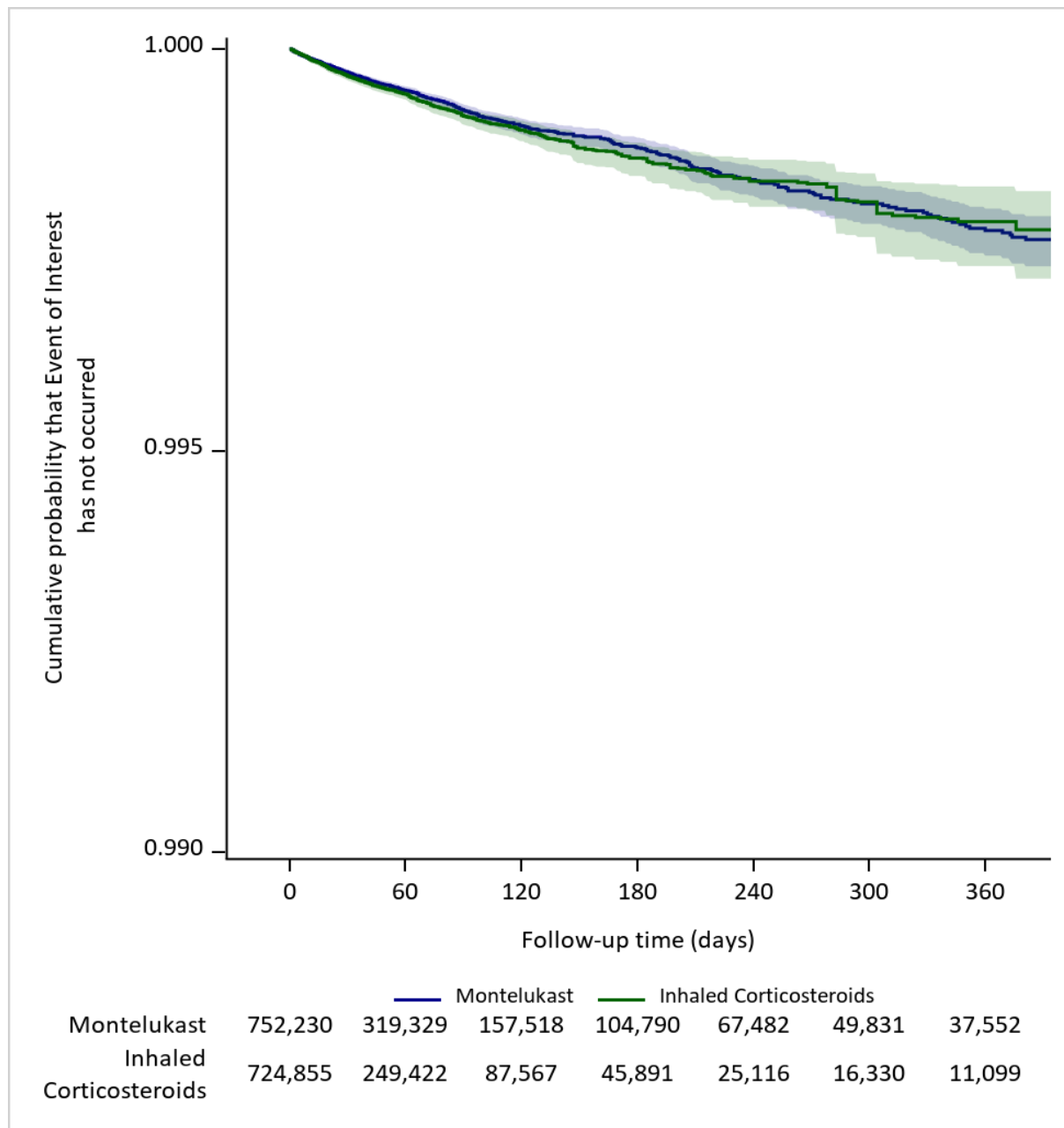


Figure 6c. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female

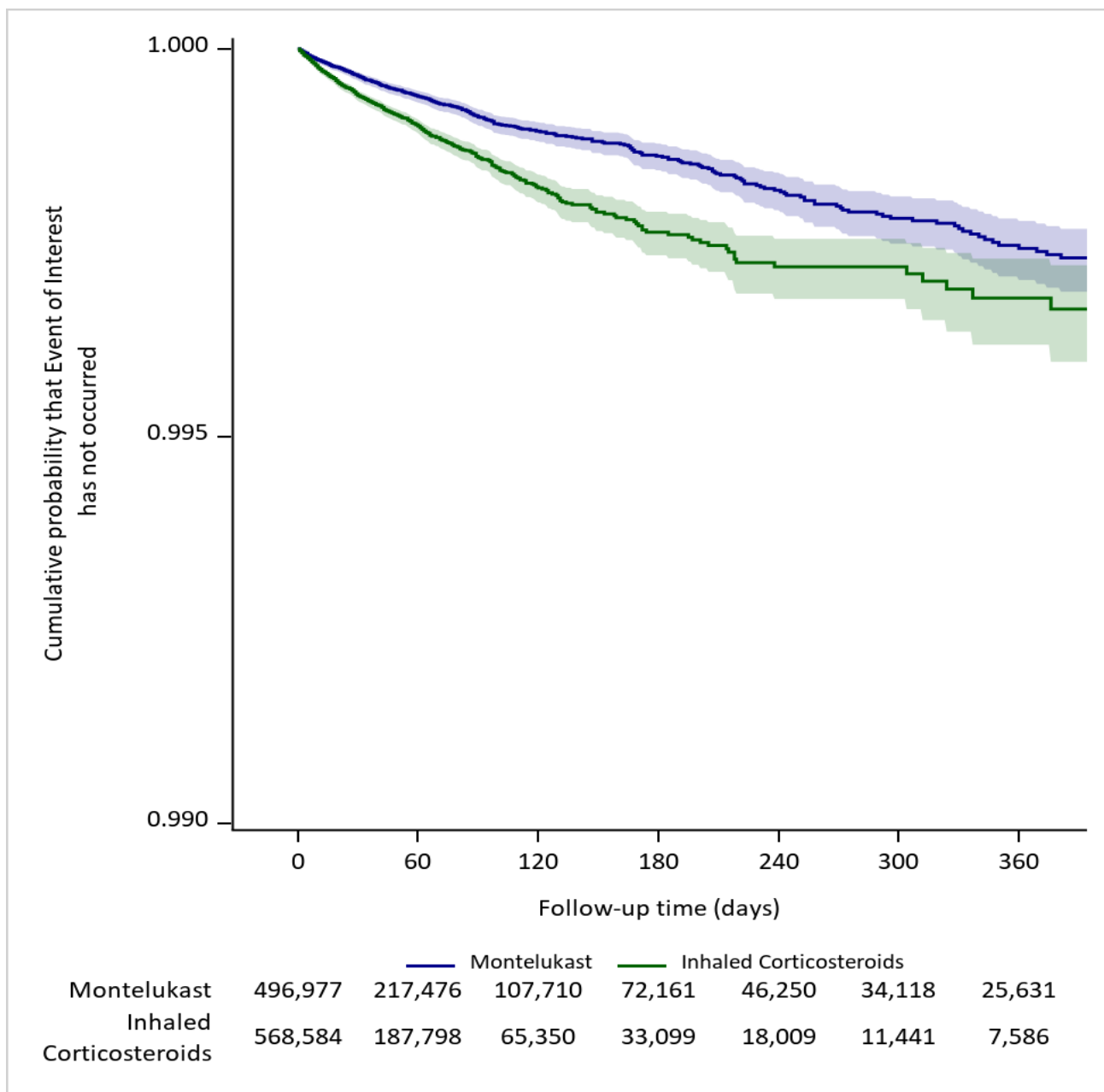
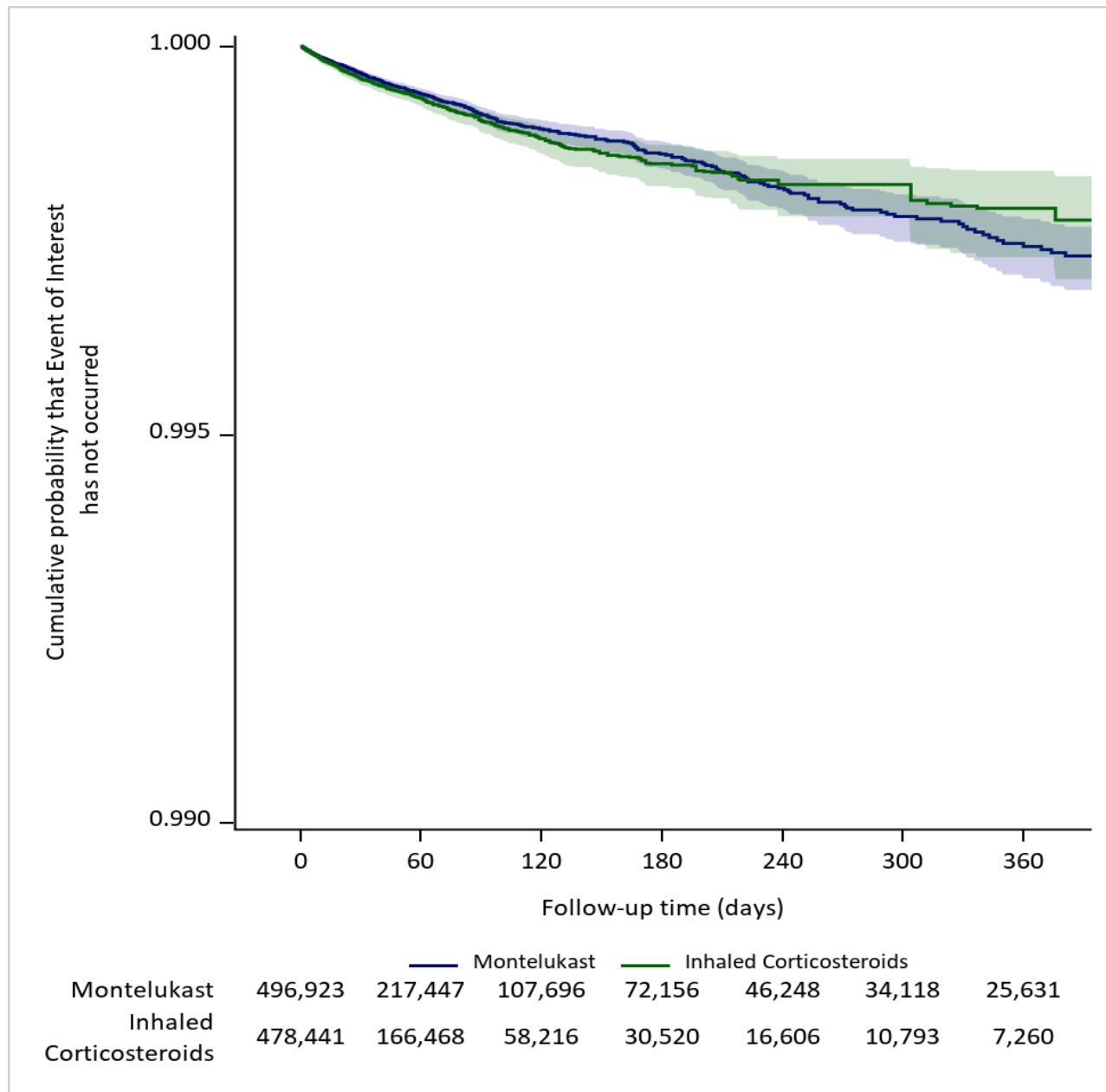


Figure 6d. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female





**Figure 6e. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

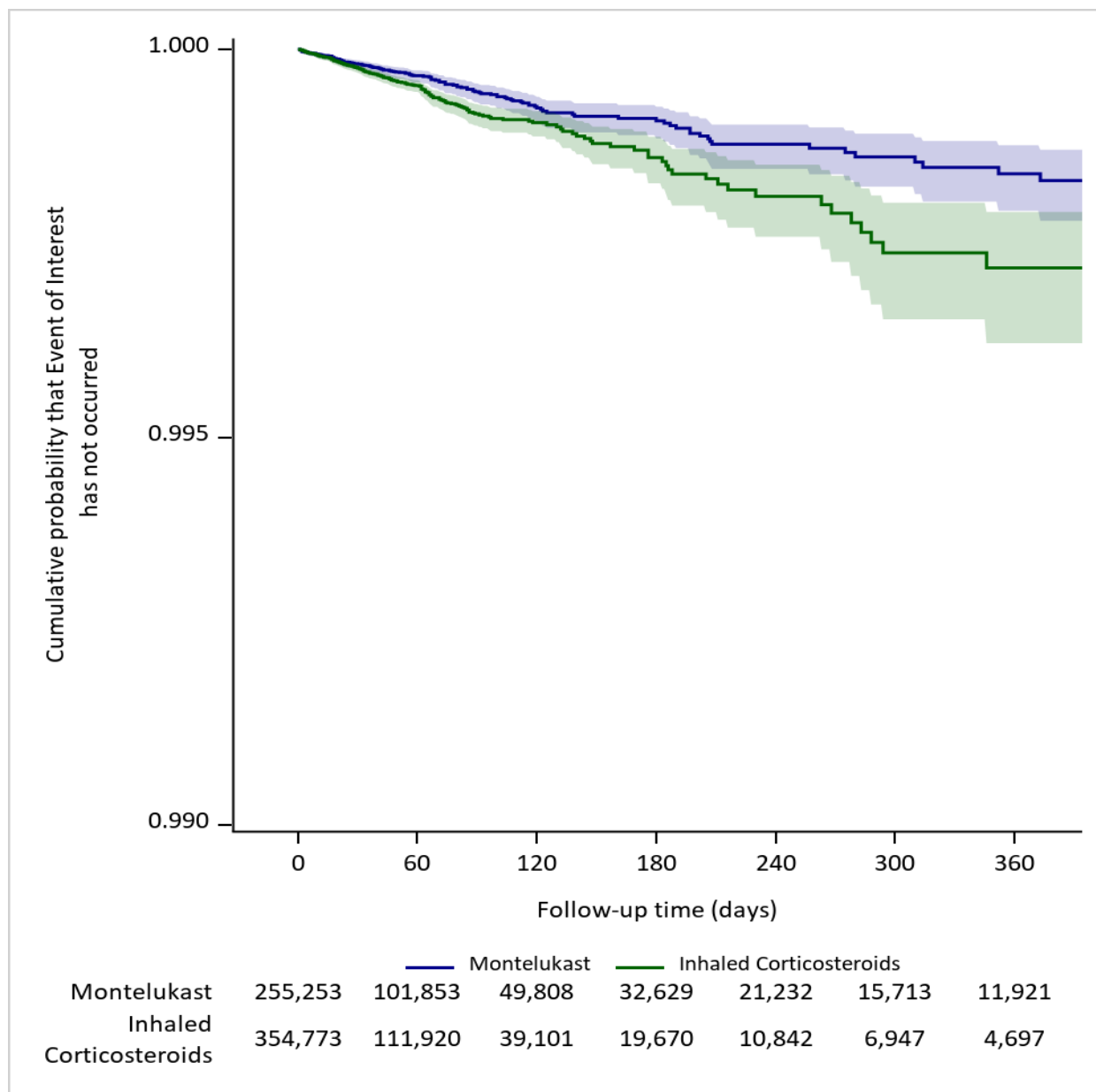


Figure 6f. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male

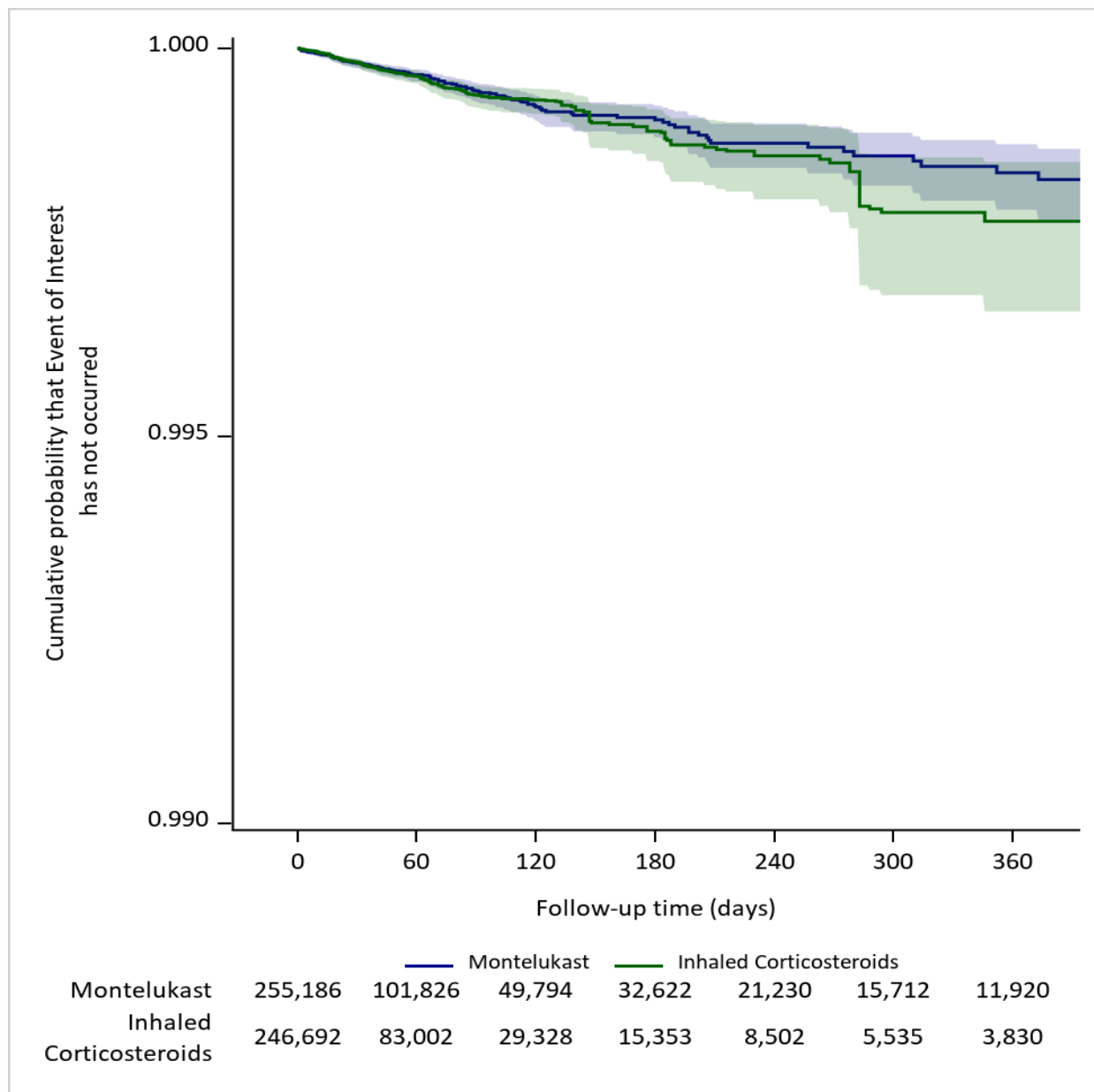


Figure 6g. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years

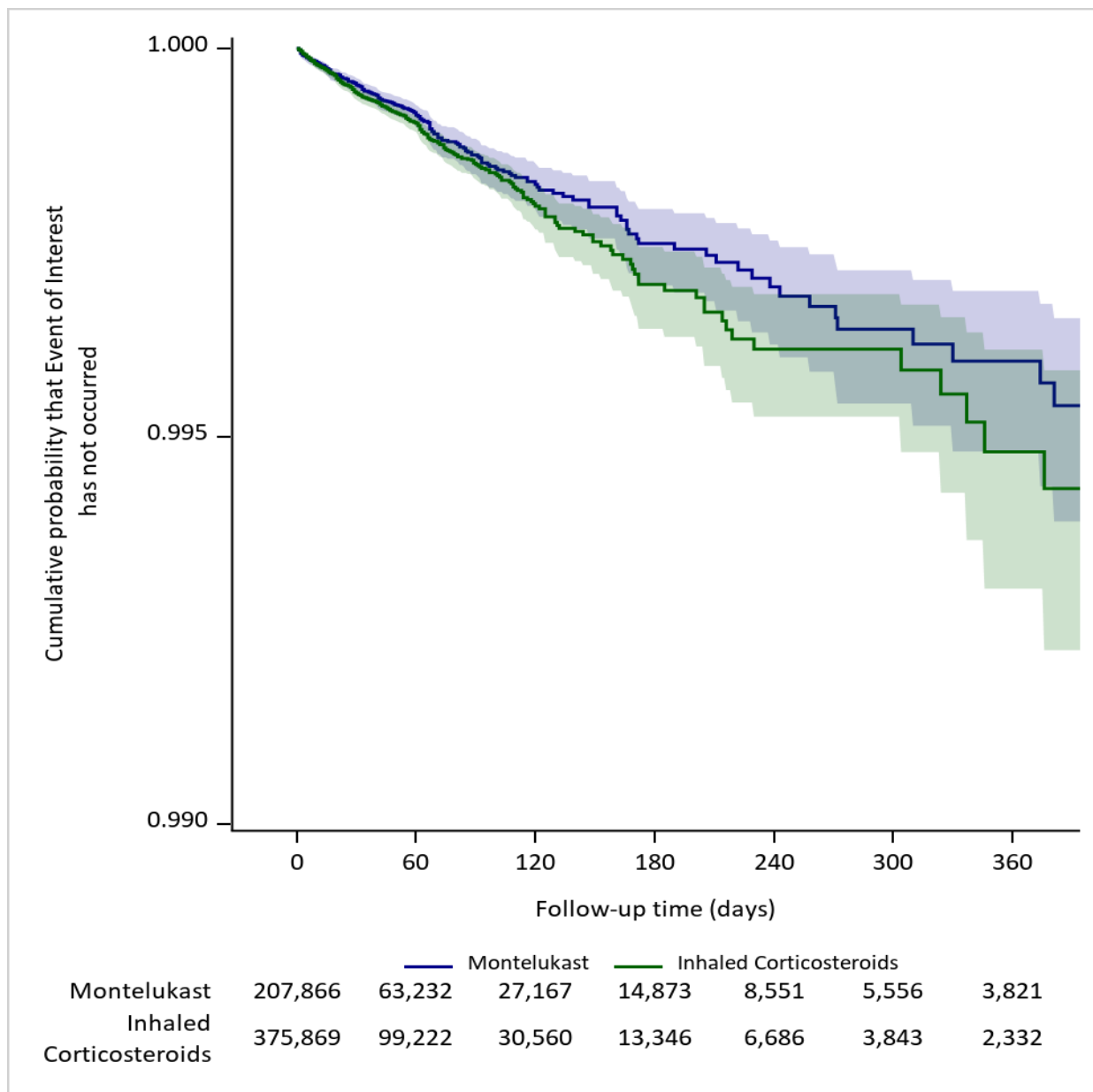
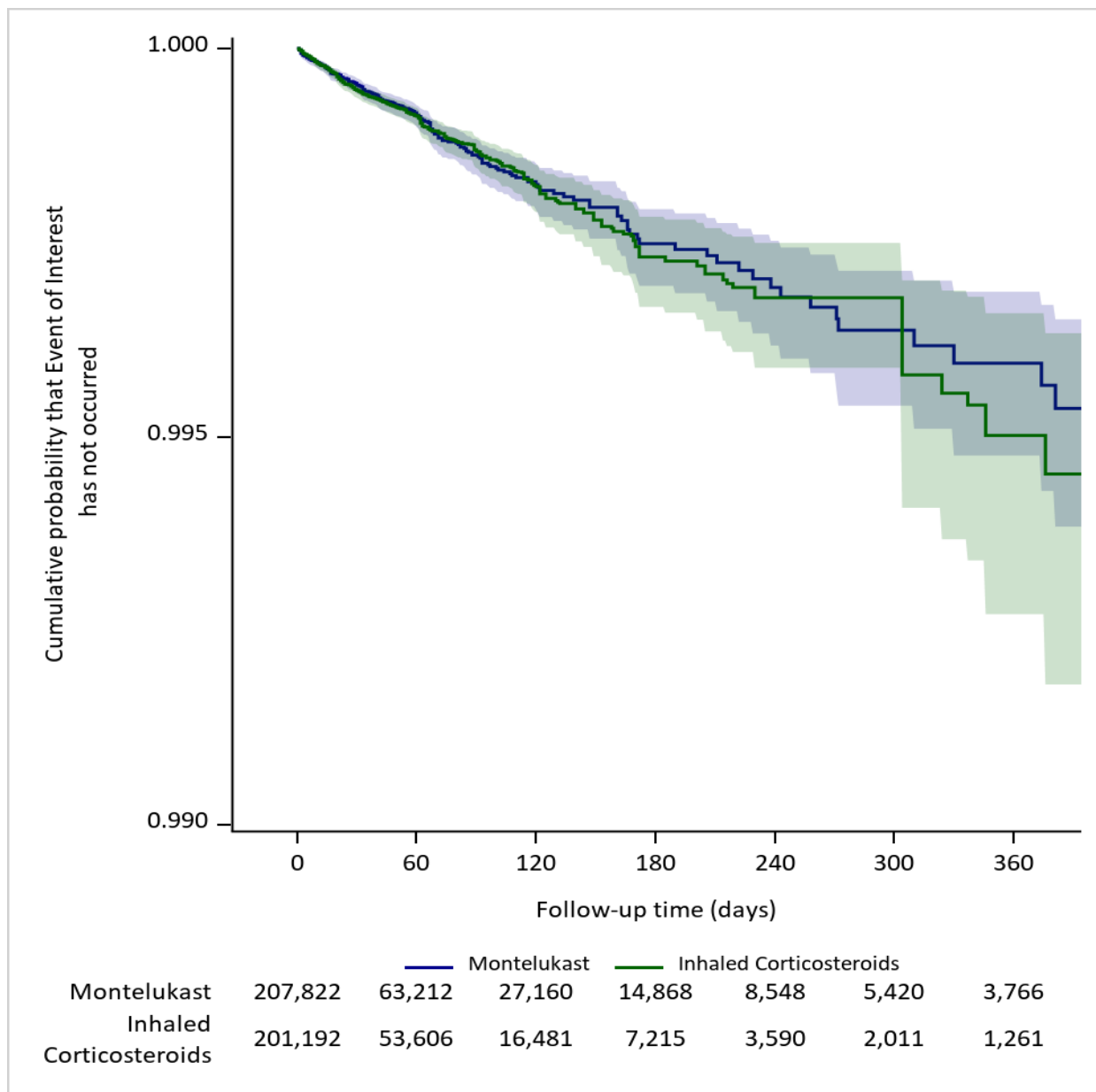


Figure 6h. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years



**Figure 6i. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

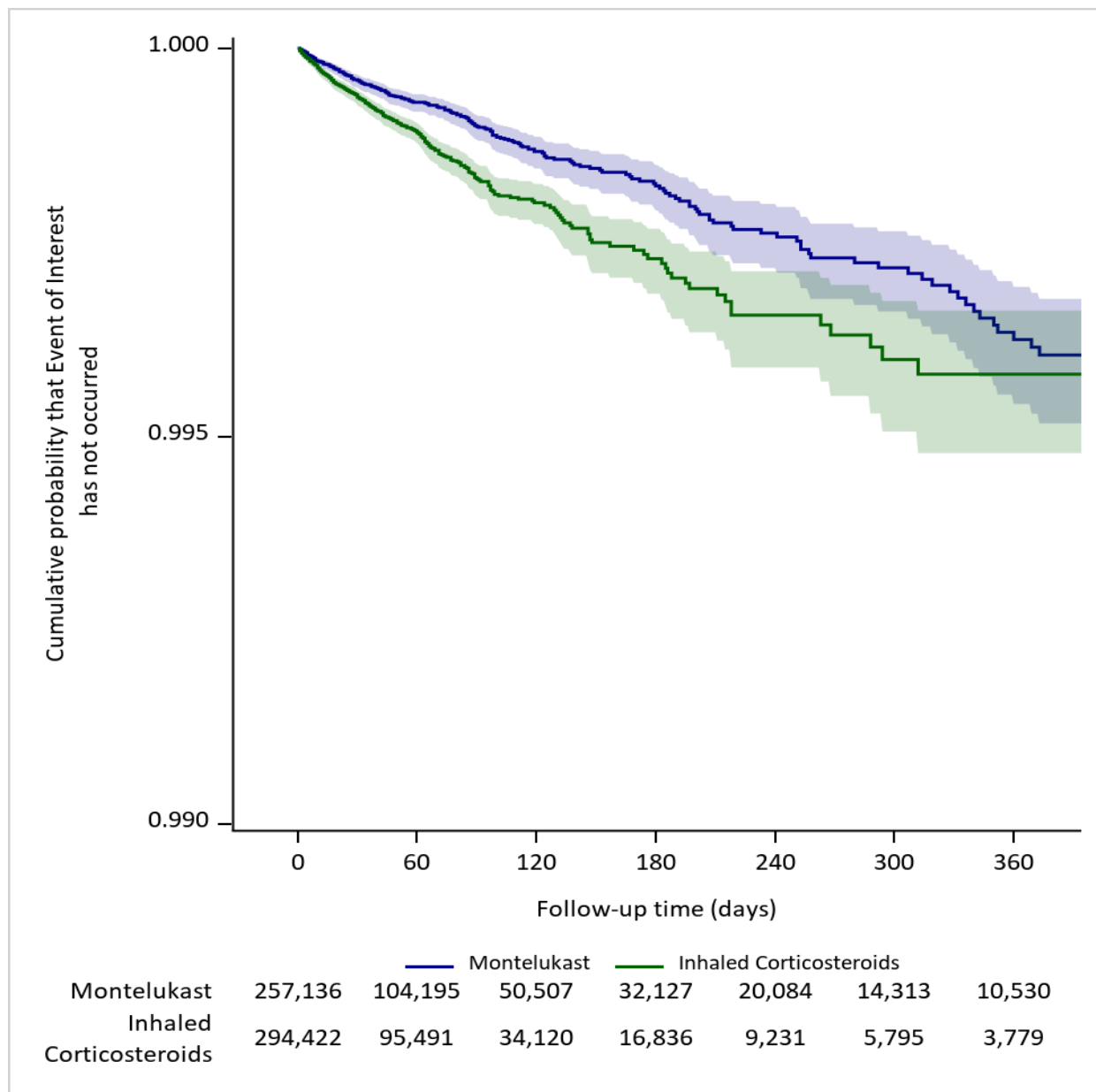


Figure 6j. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years

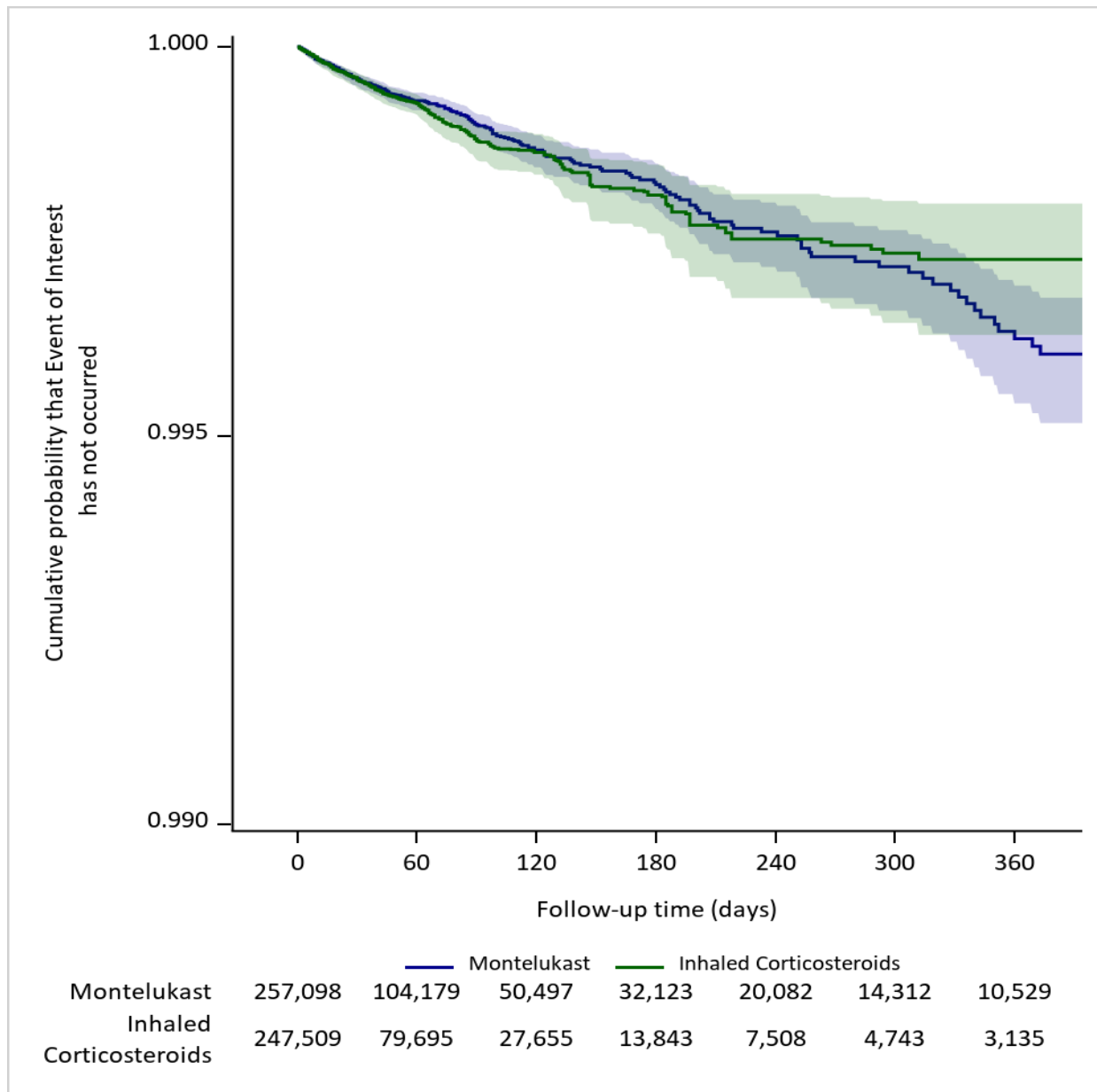


Figure 6k. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years

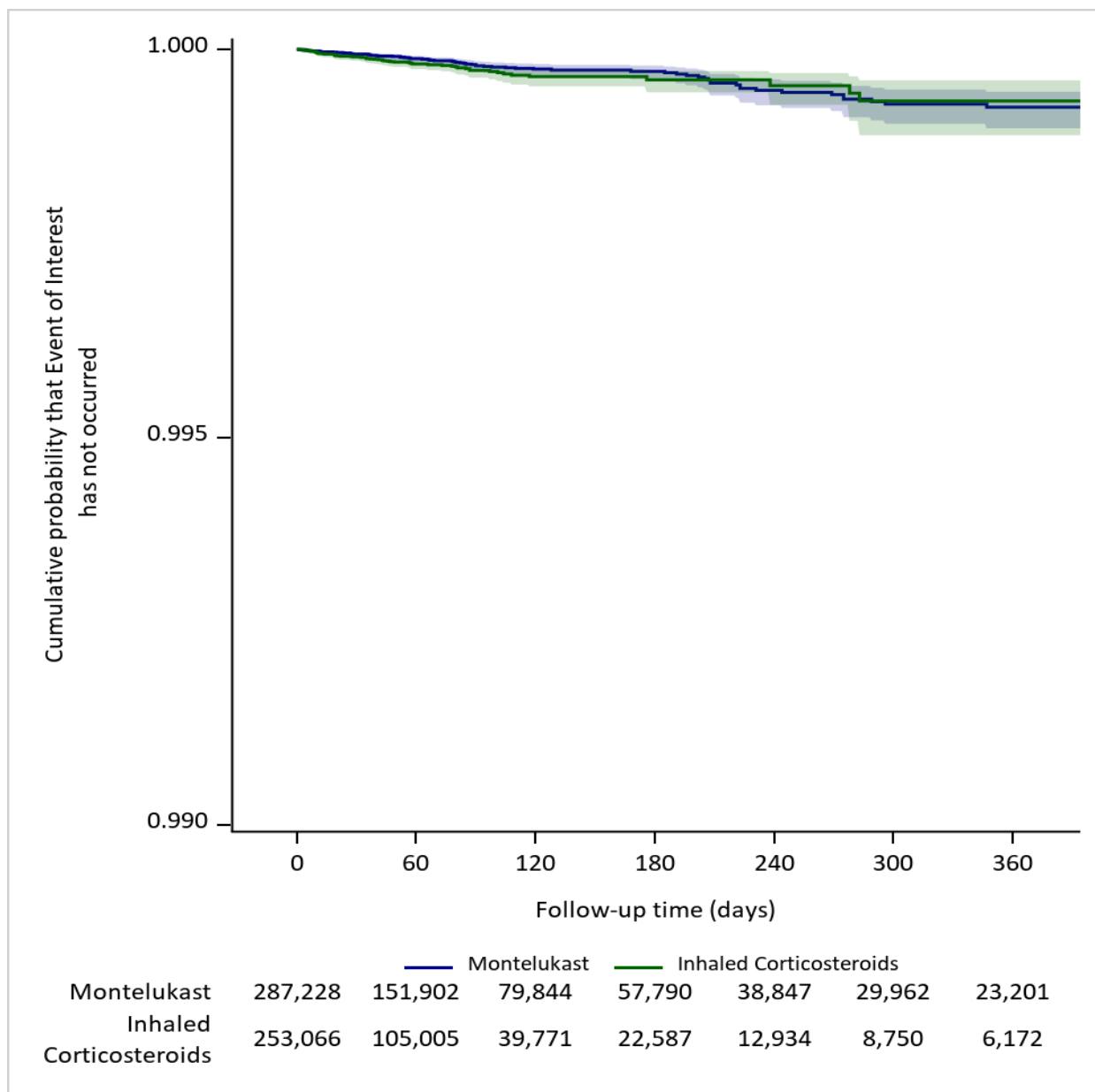


Figure 6I. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years

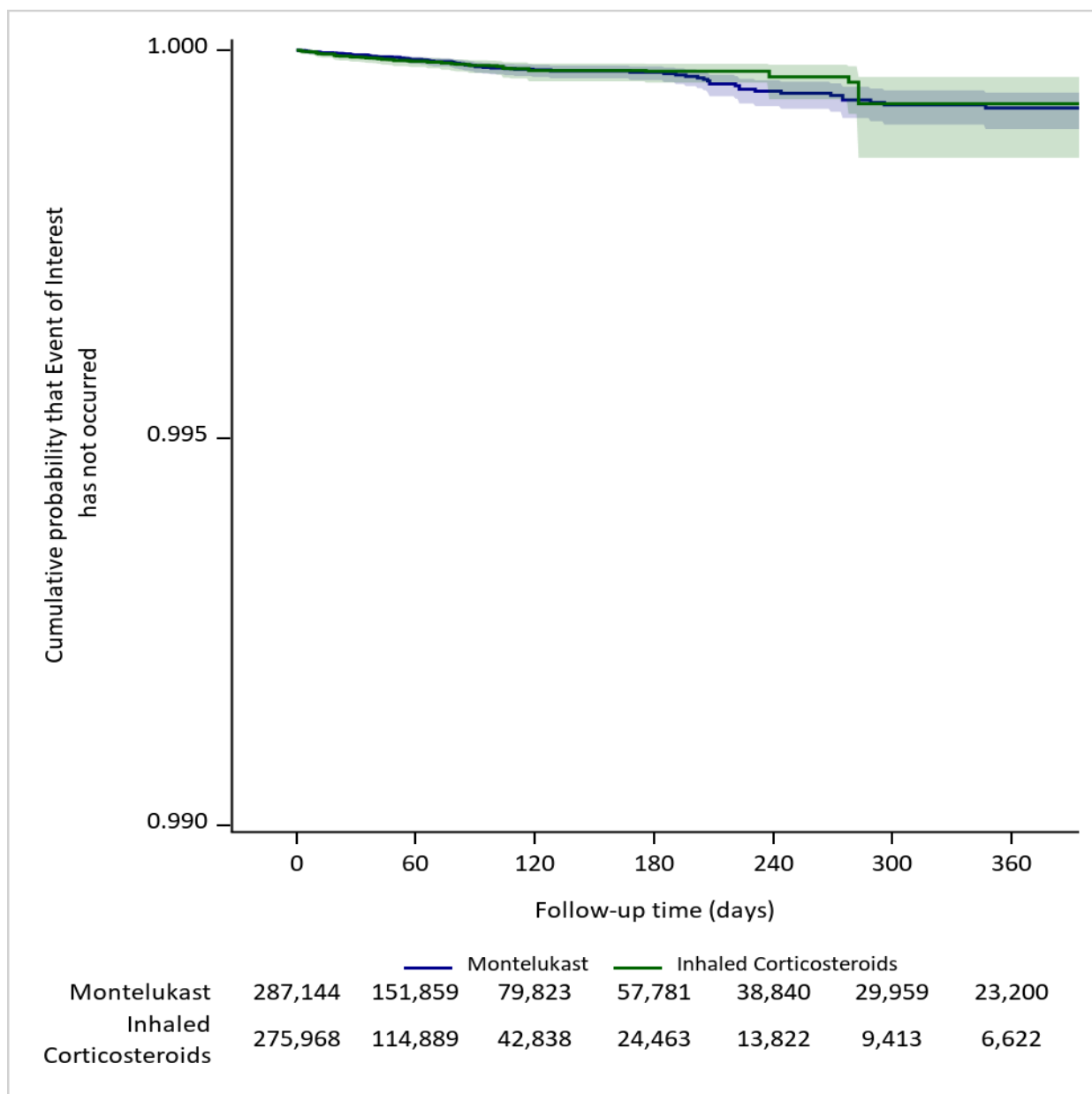




Figure 6m. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History

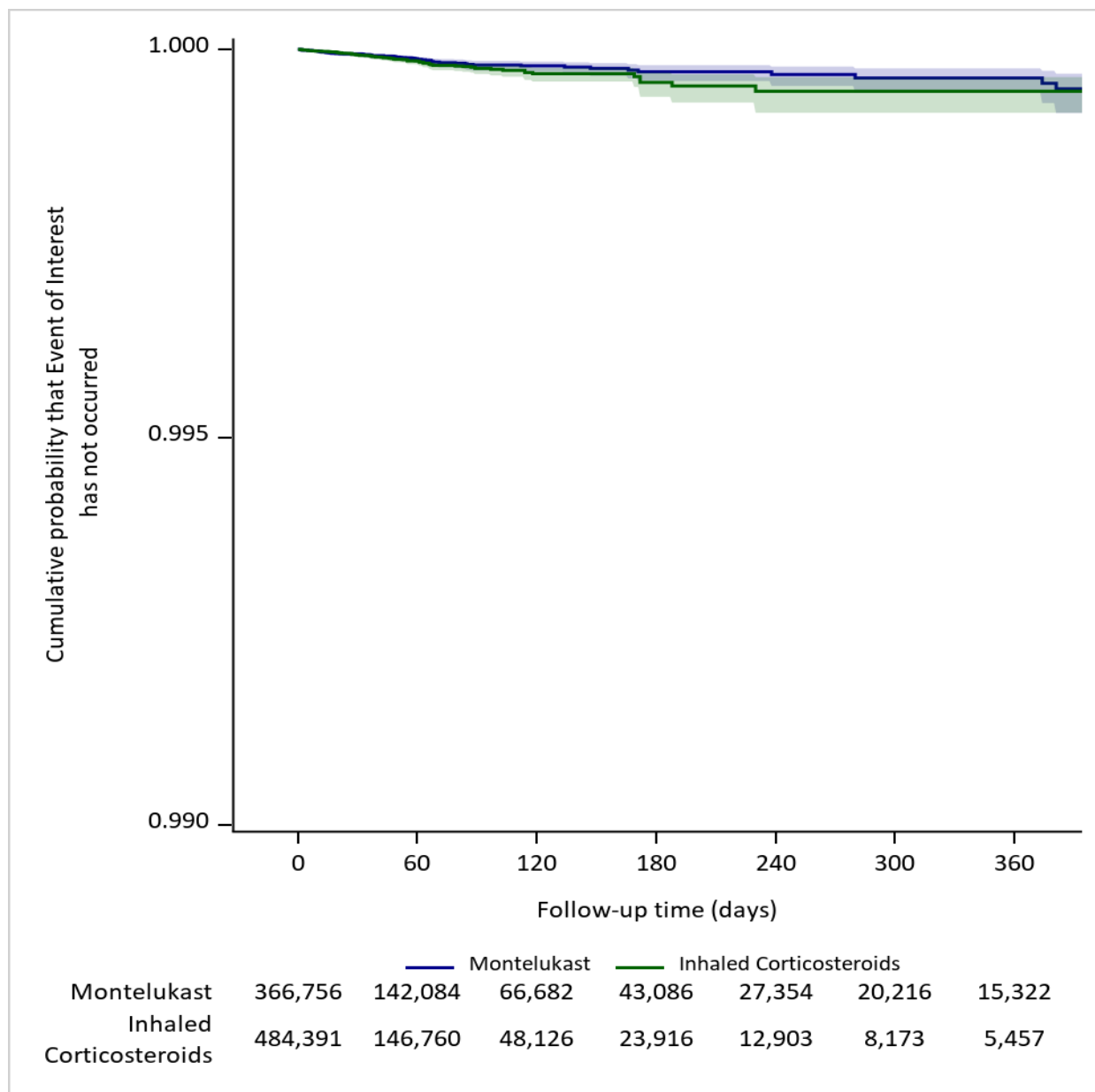
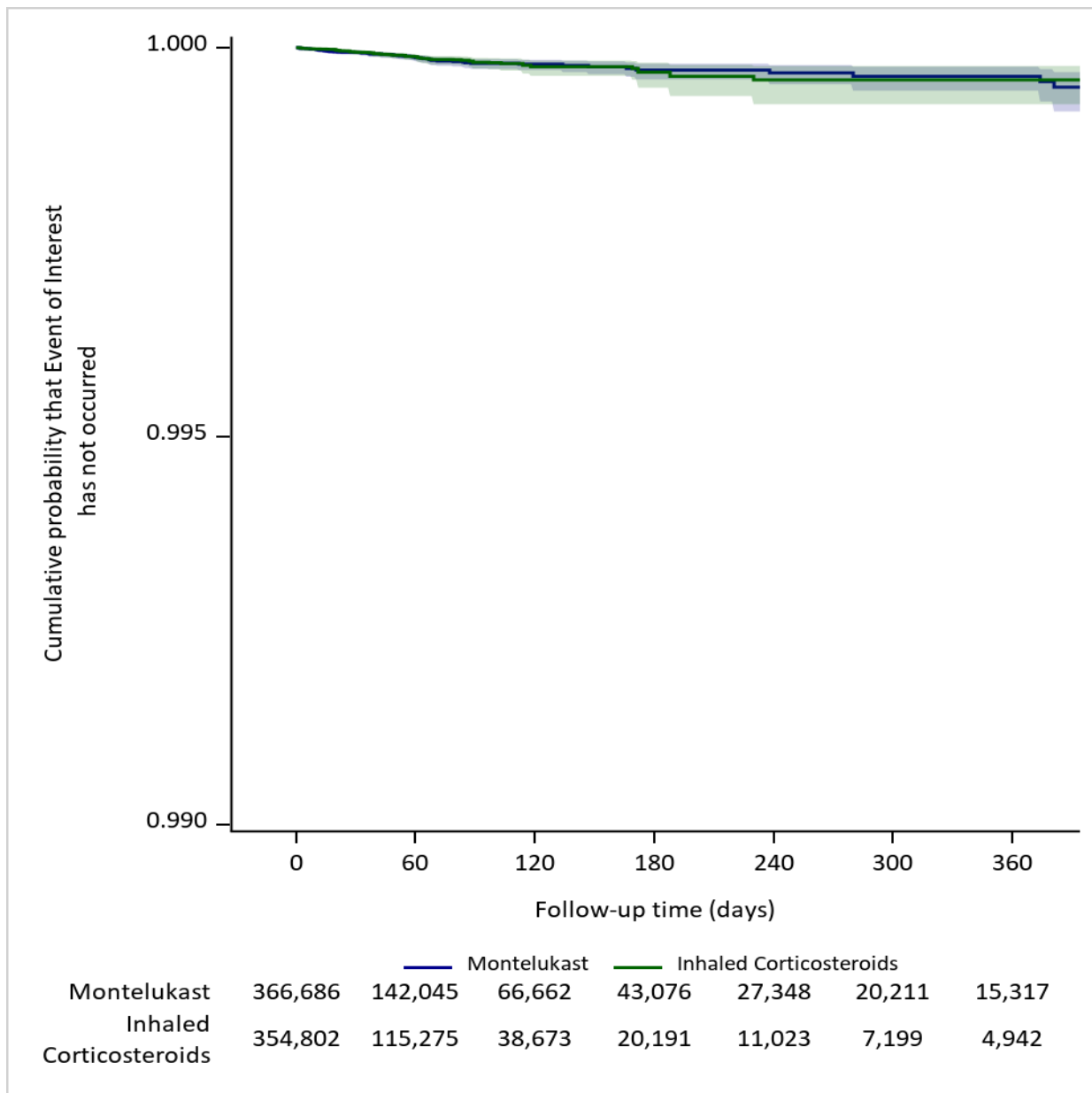
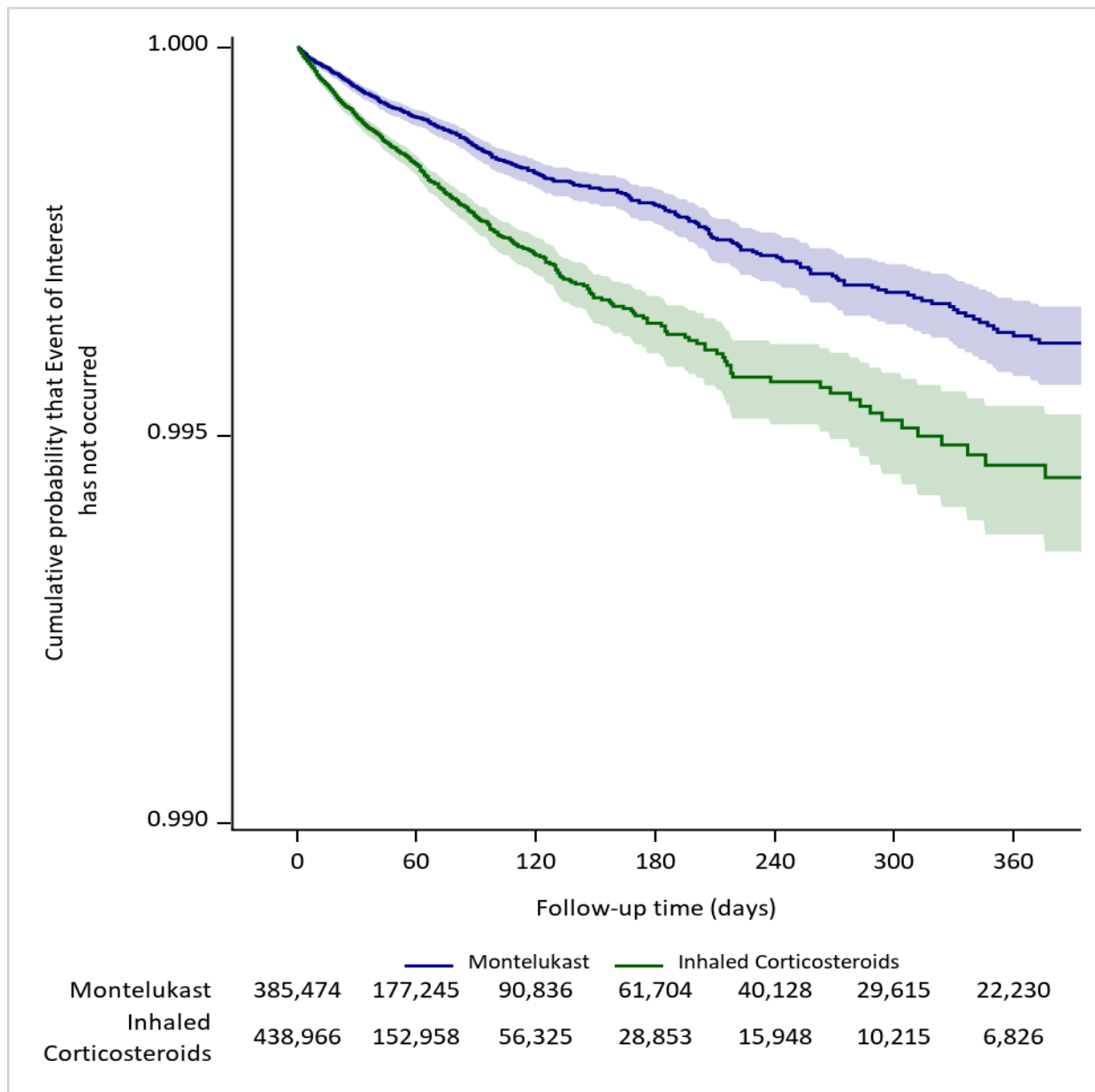


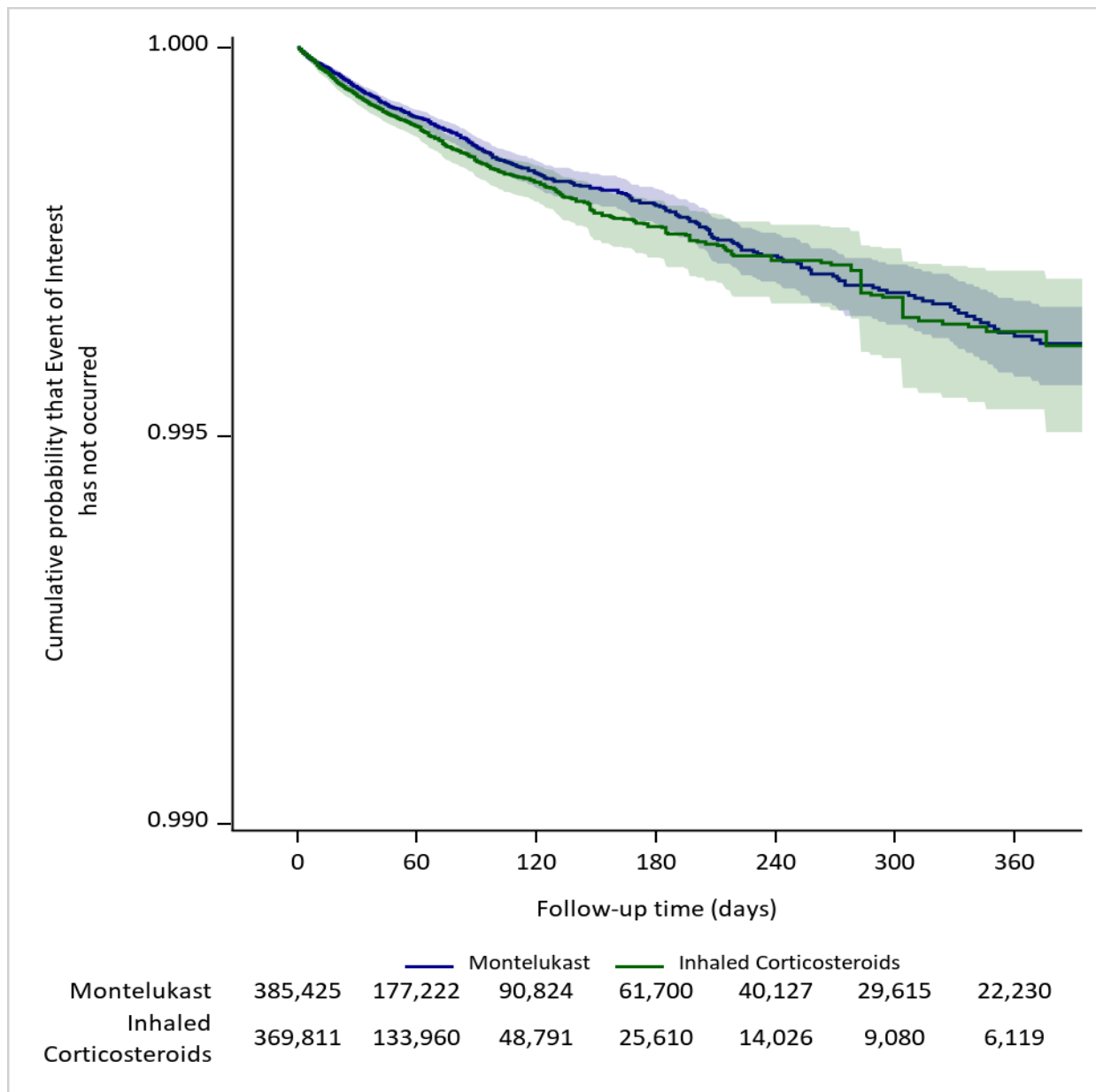
Figure 6n. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History



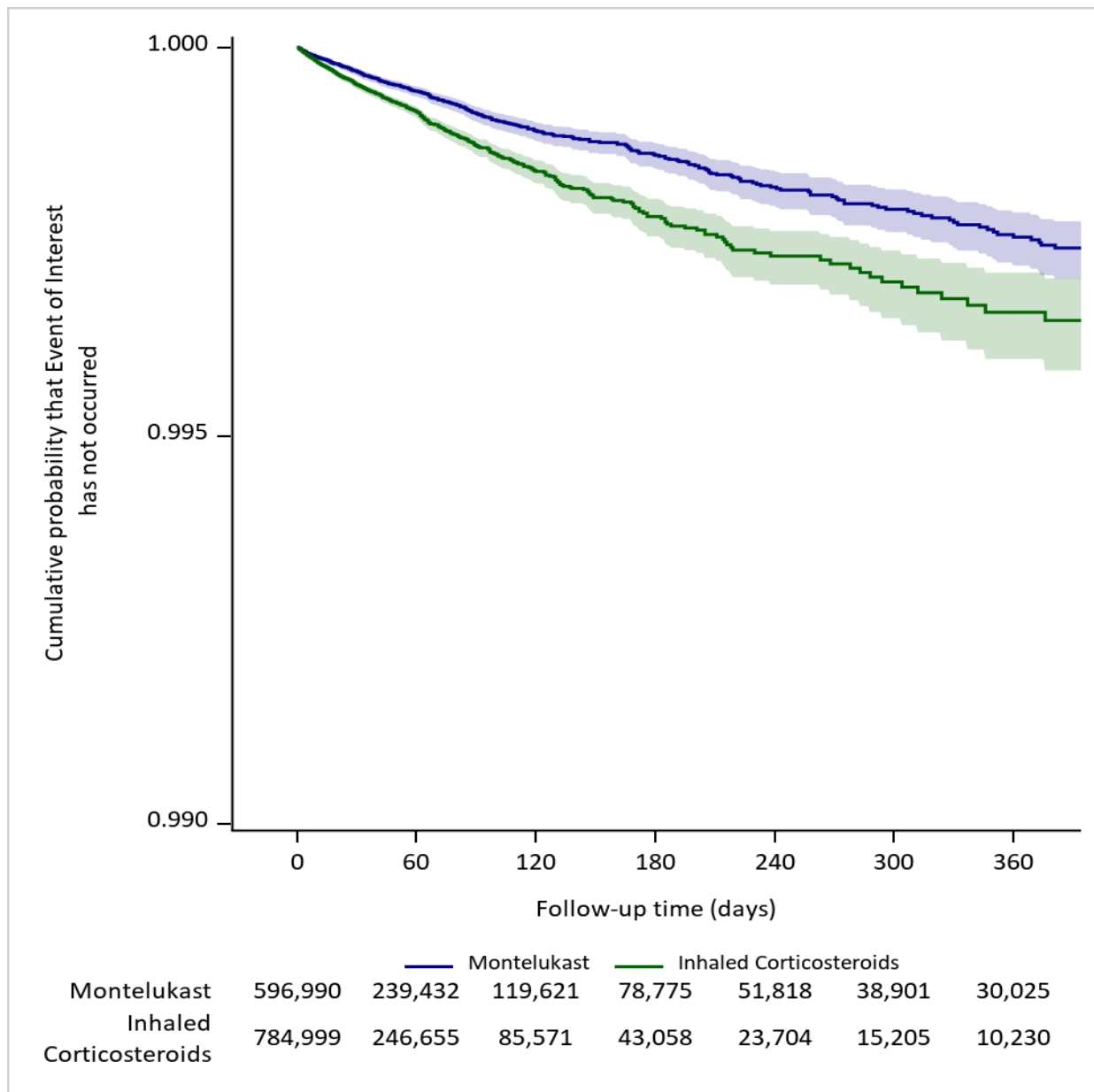
**Figure 6o. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**



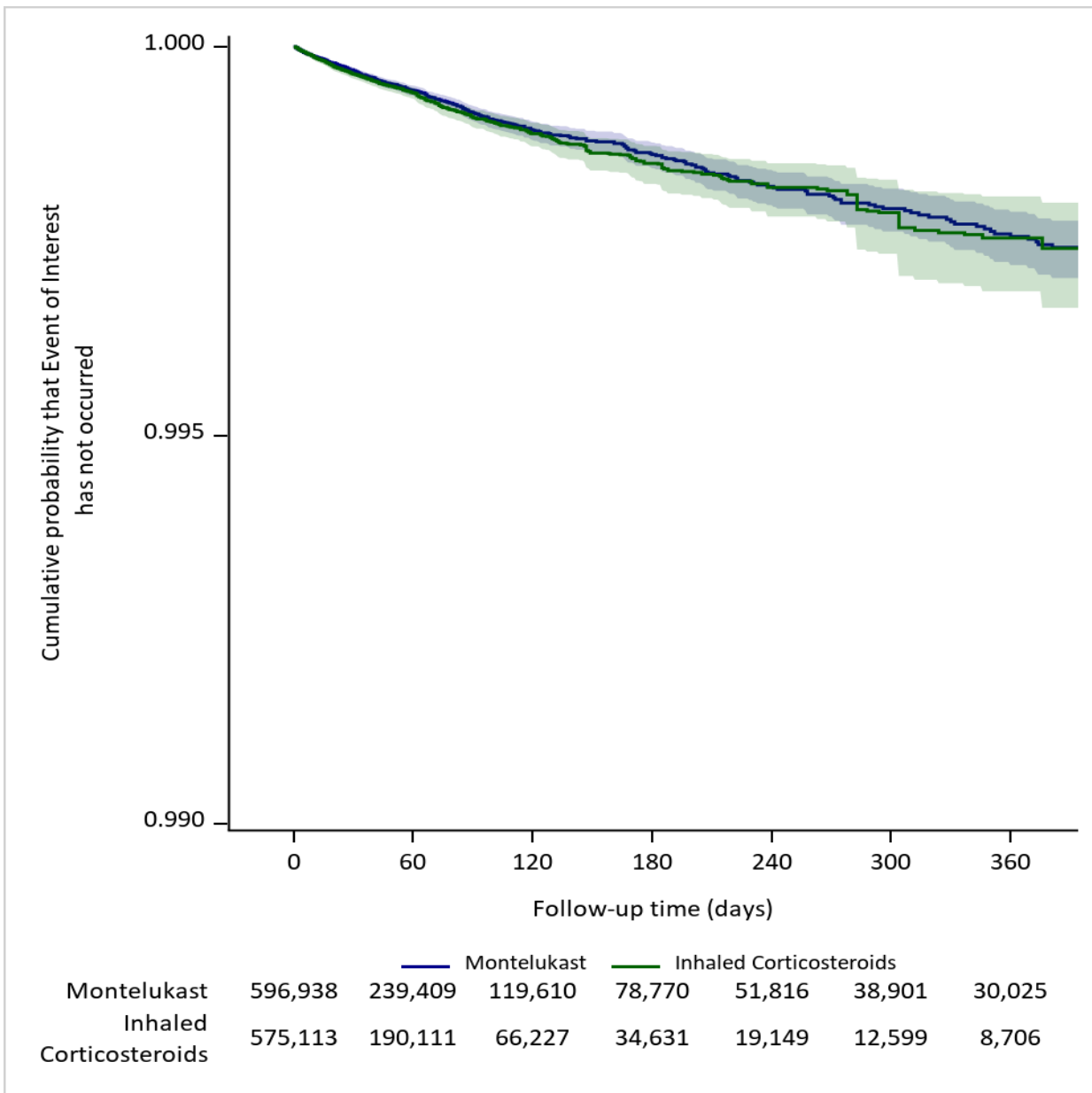
**Figure 6p. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**



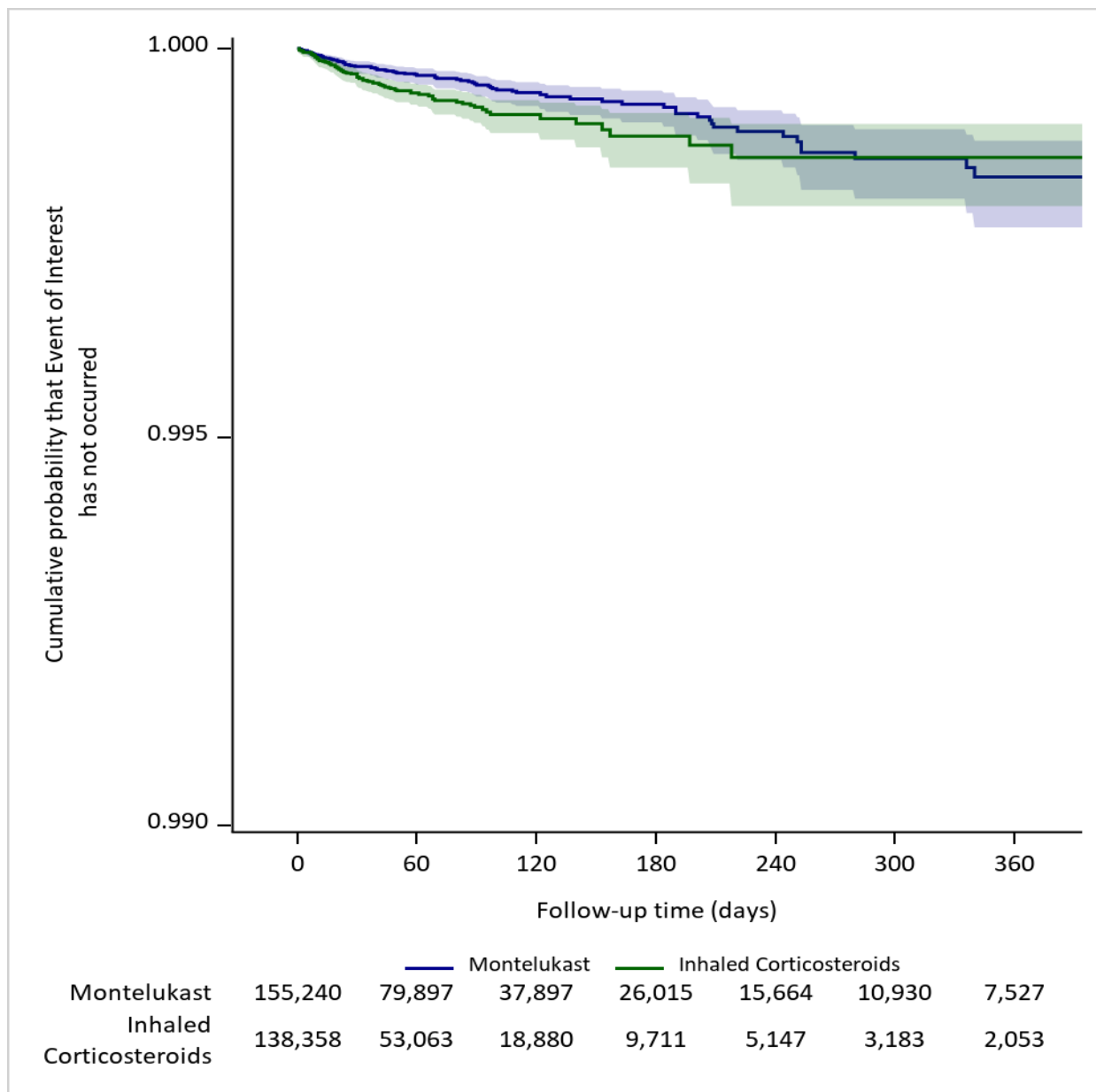
**Figure 6q. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**



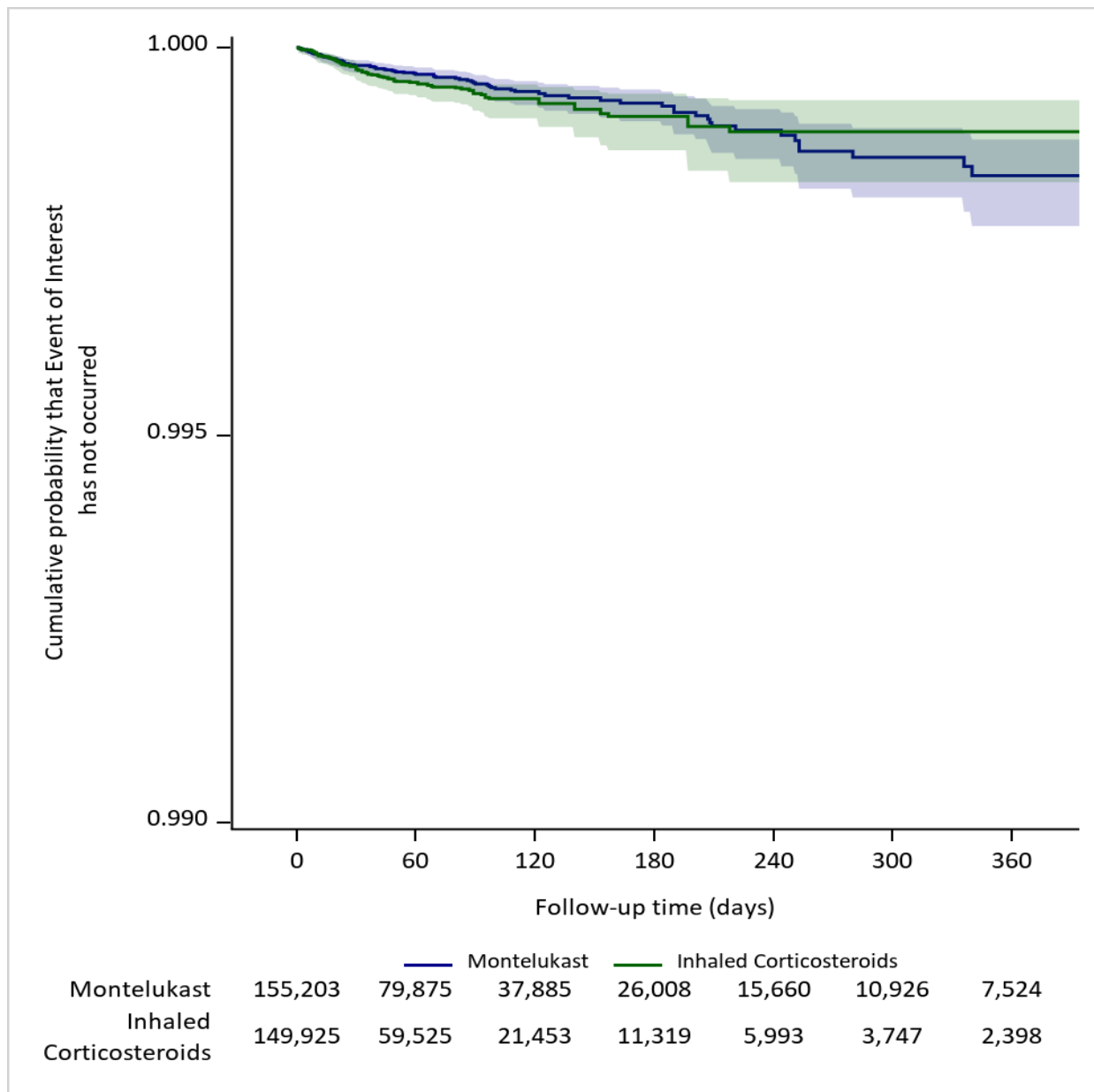
**Figure 6r. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**



**Figure 6s. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

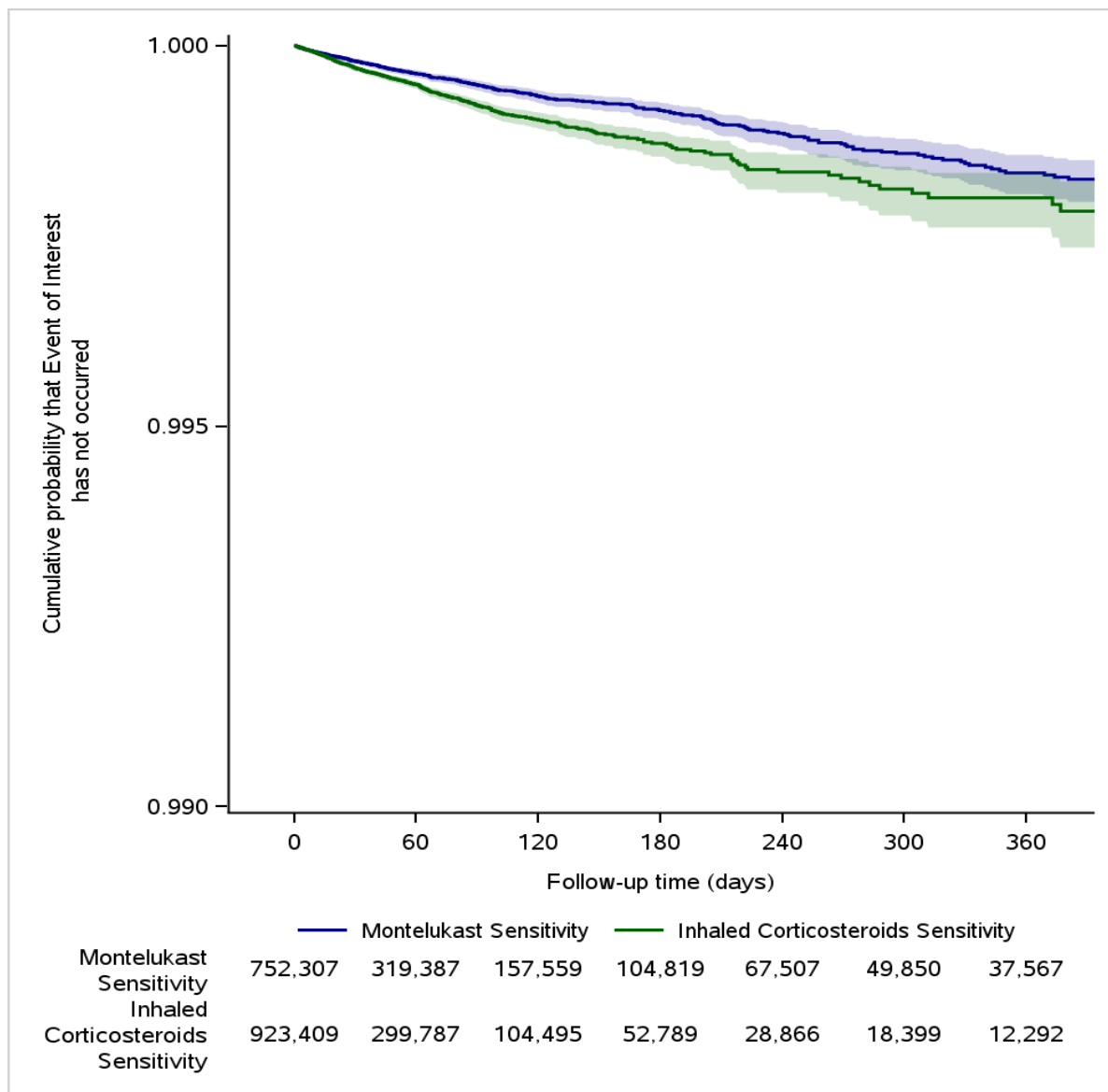


**Figure 6t. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

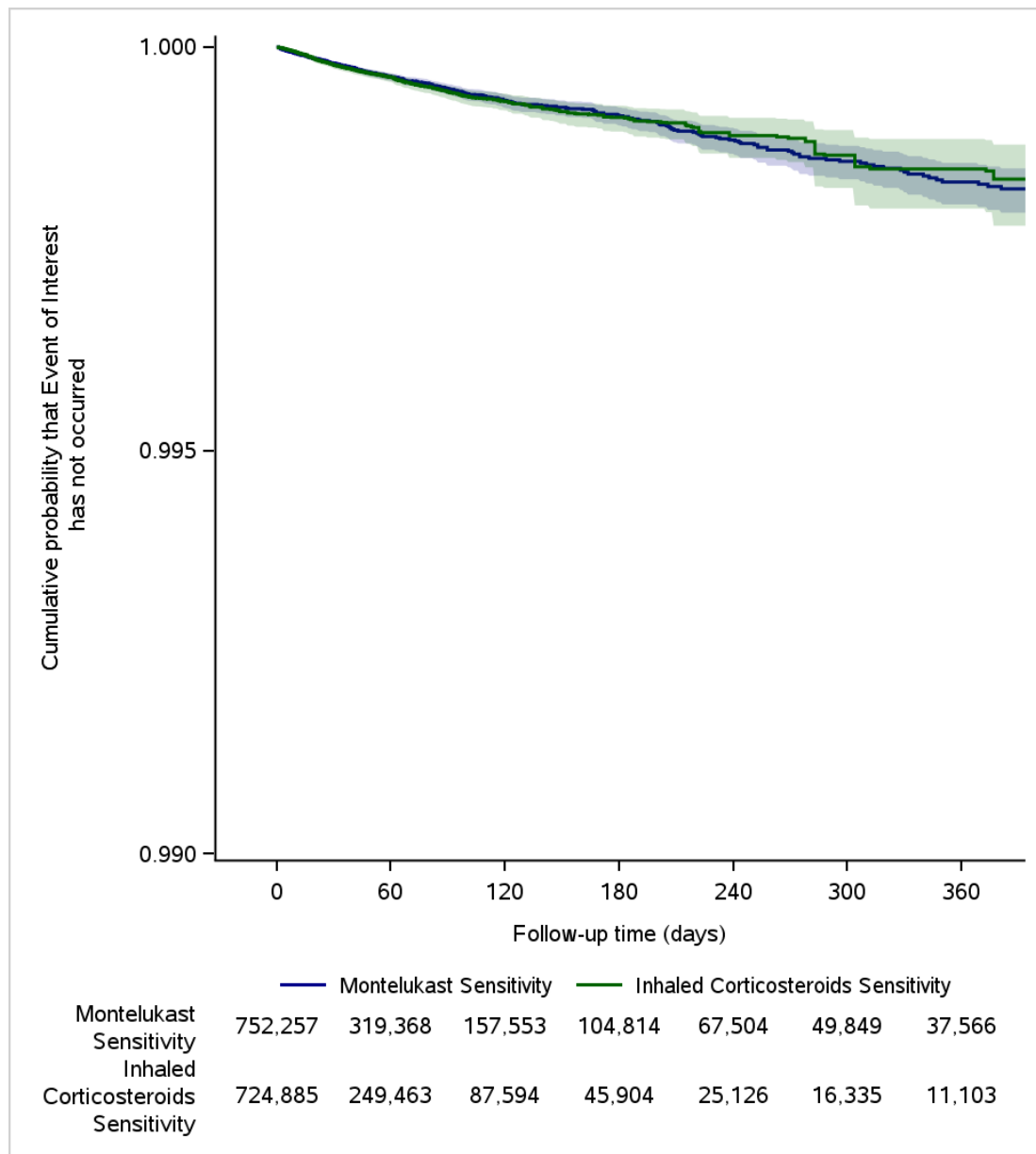




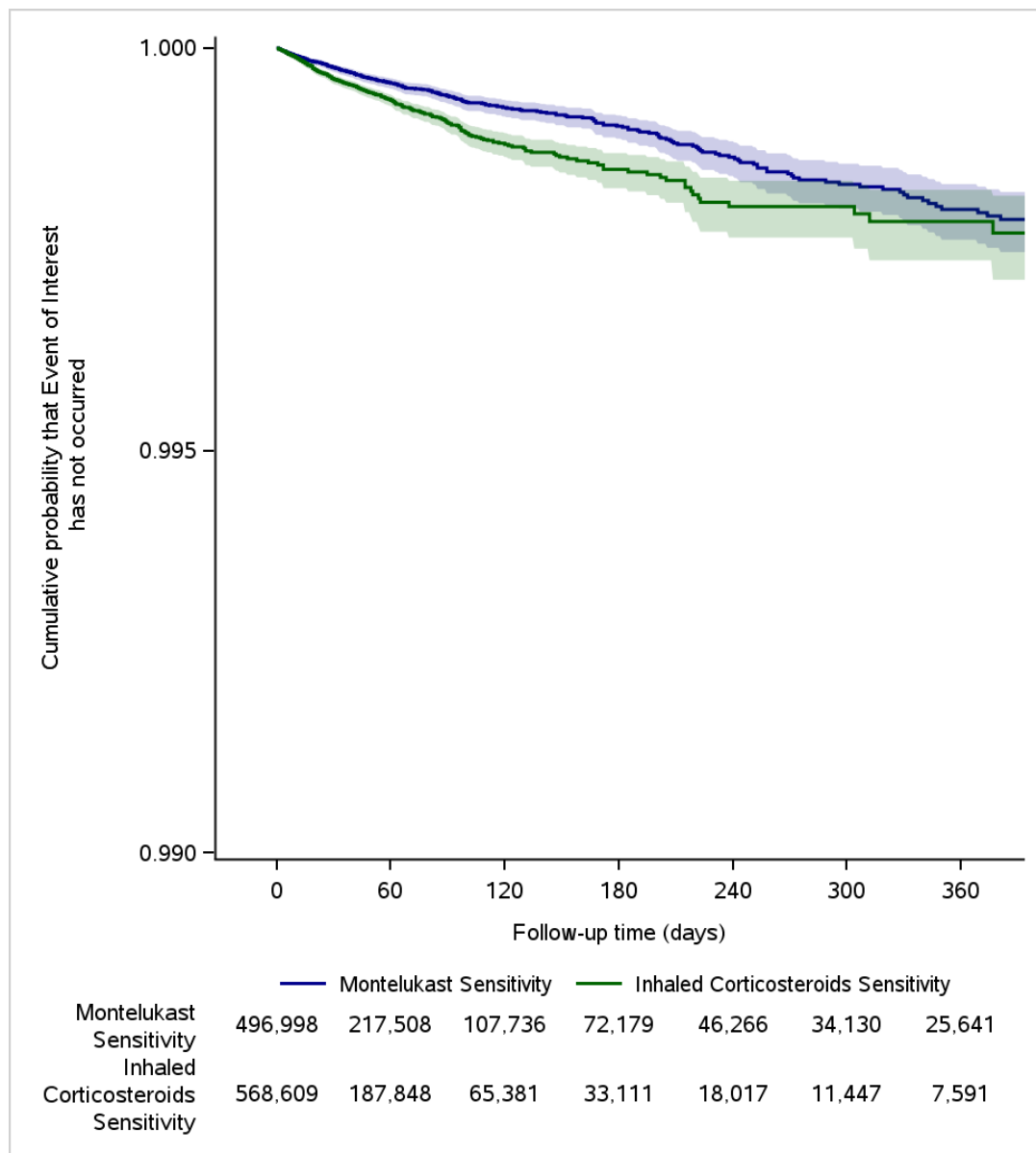
**Figure 7a. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**



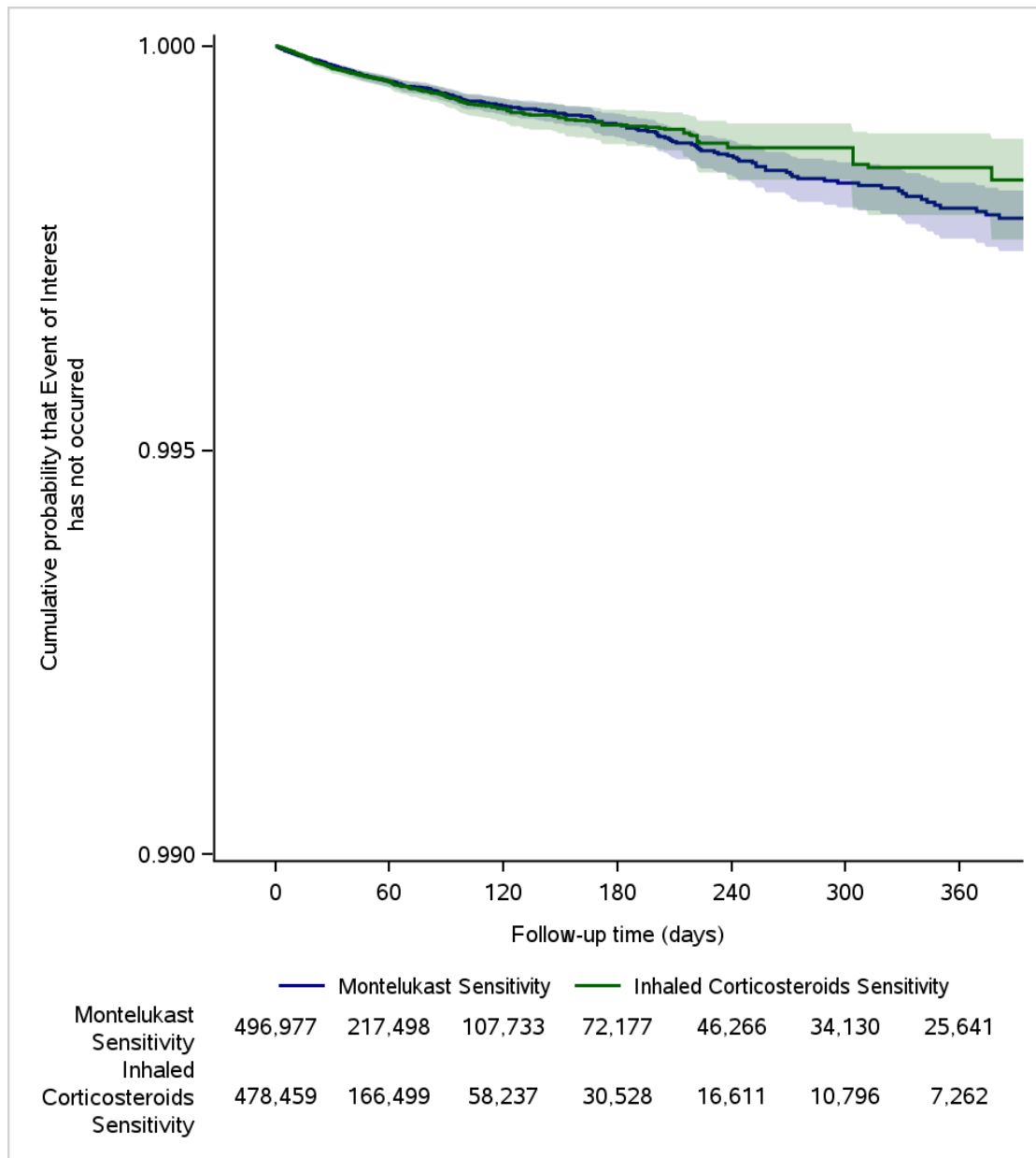
**Figure 7b. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**



**Figure 7c. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**



**Figure 7d. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm Inpatient and Emergency 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**



**Figure 7e. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

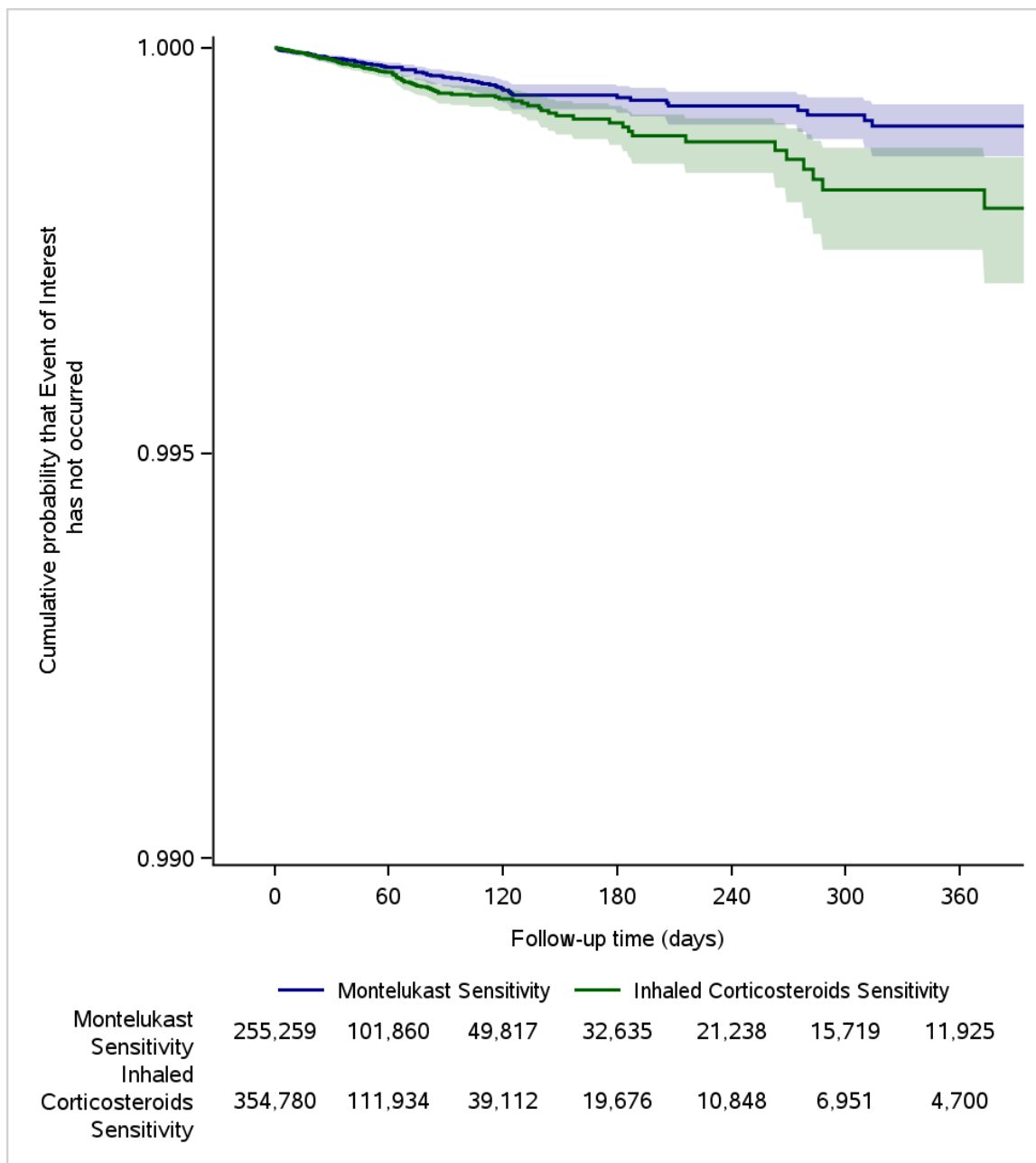
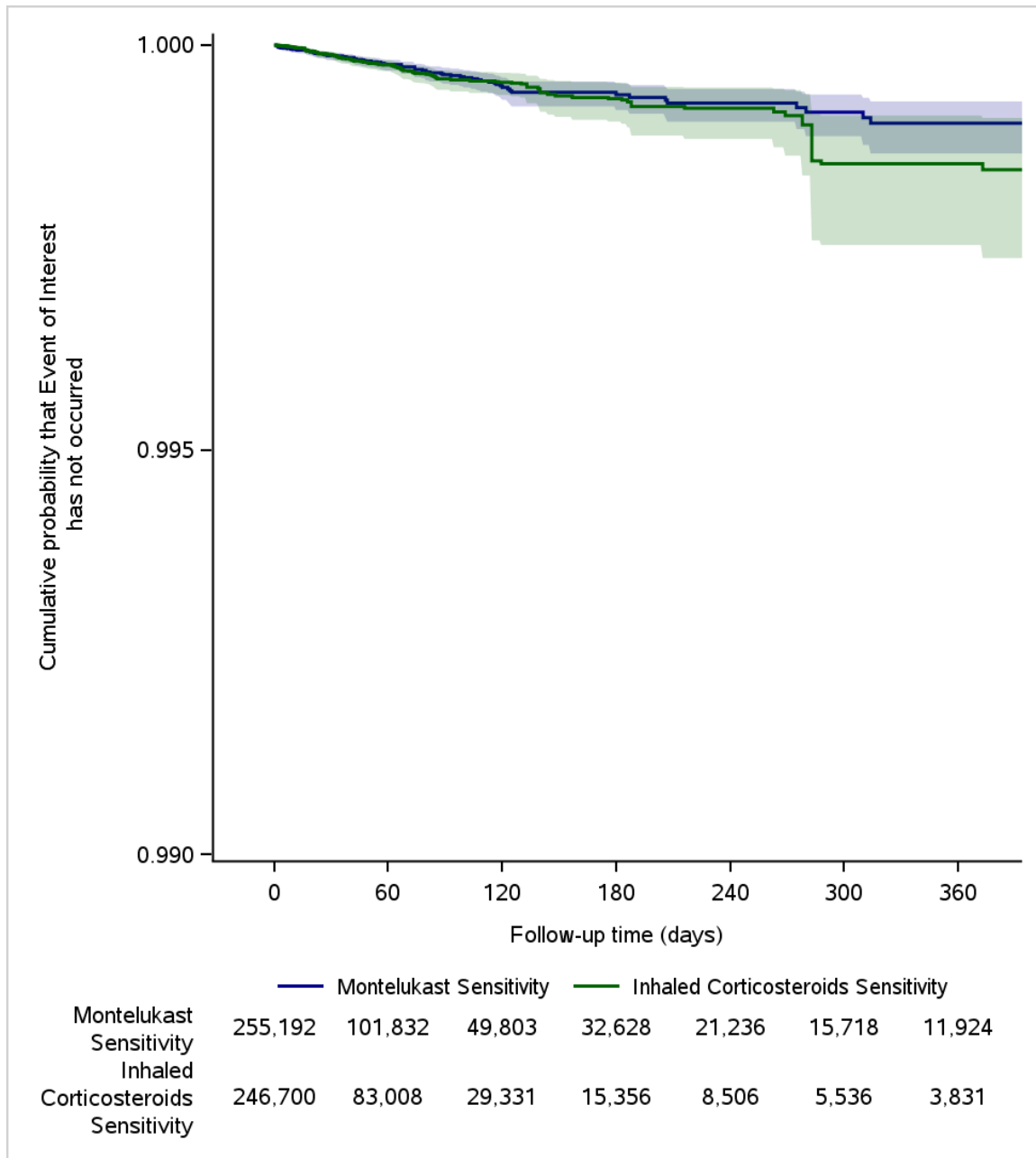
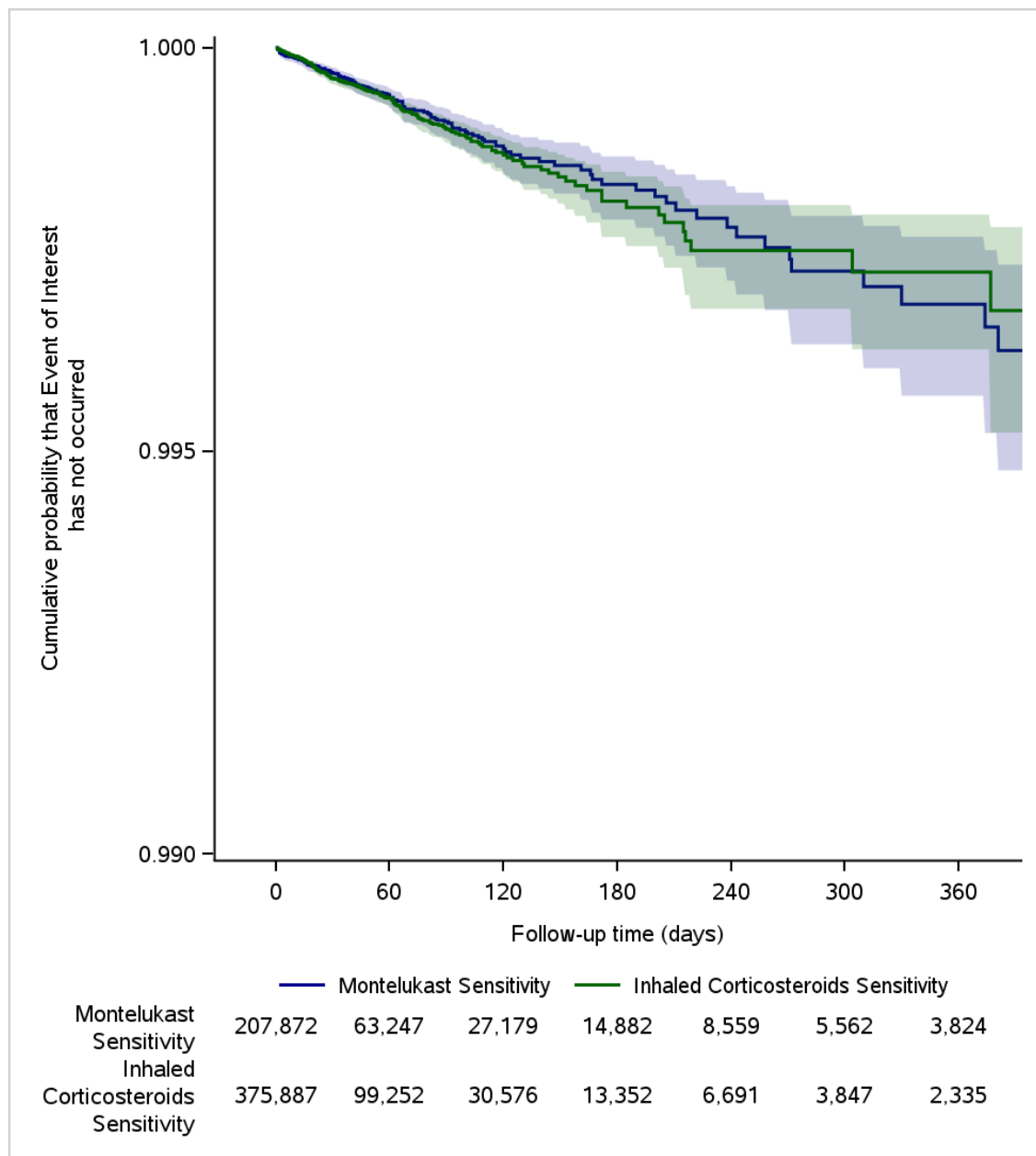


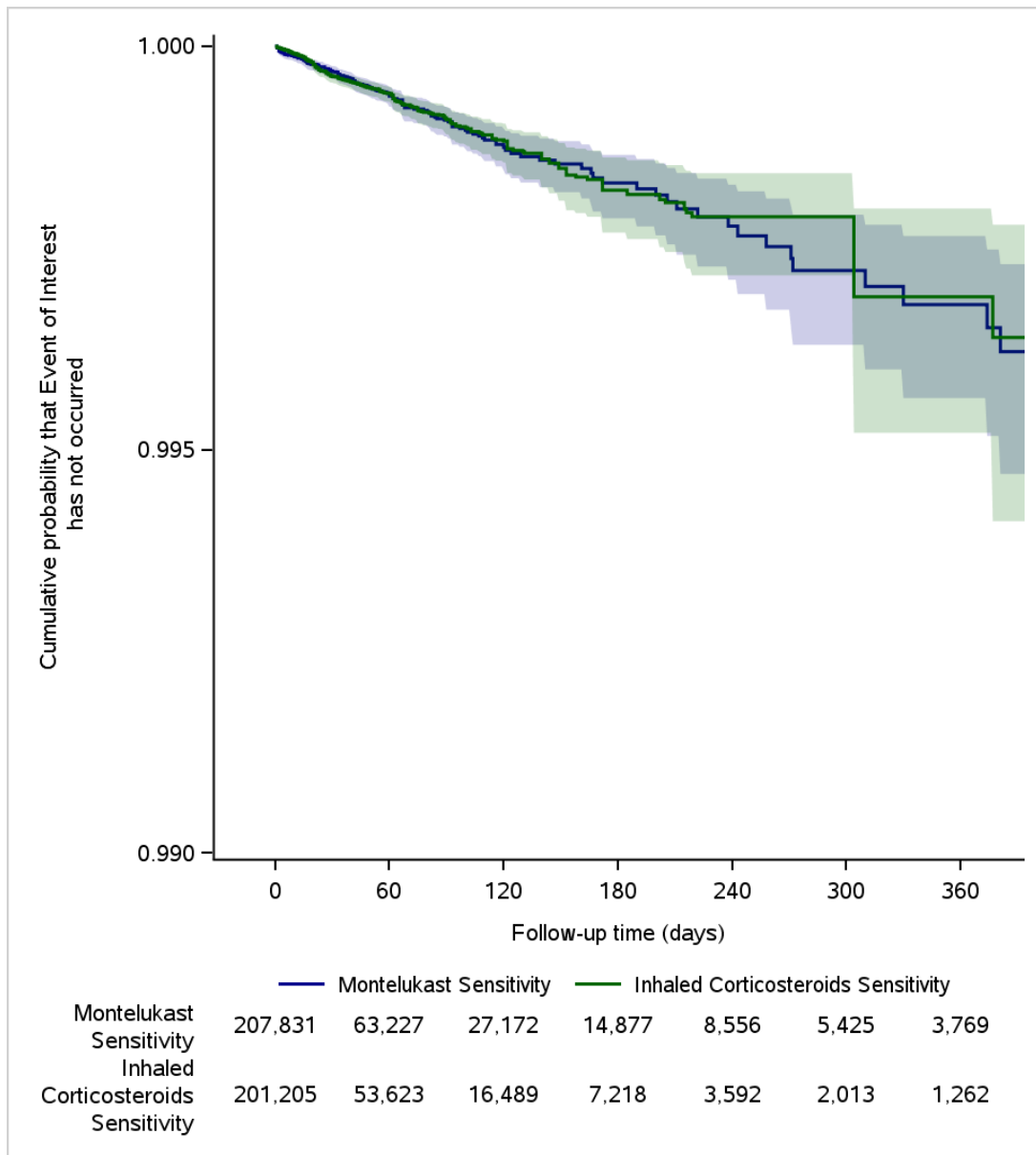
Figure 7f. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male



**Figure 7g. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

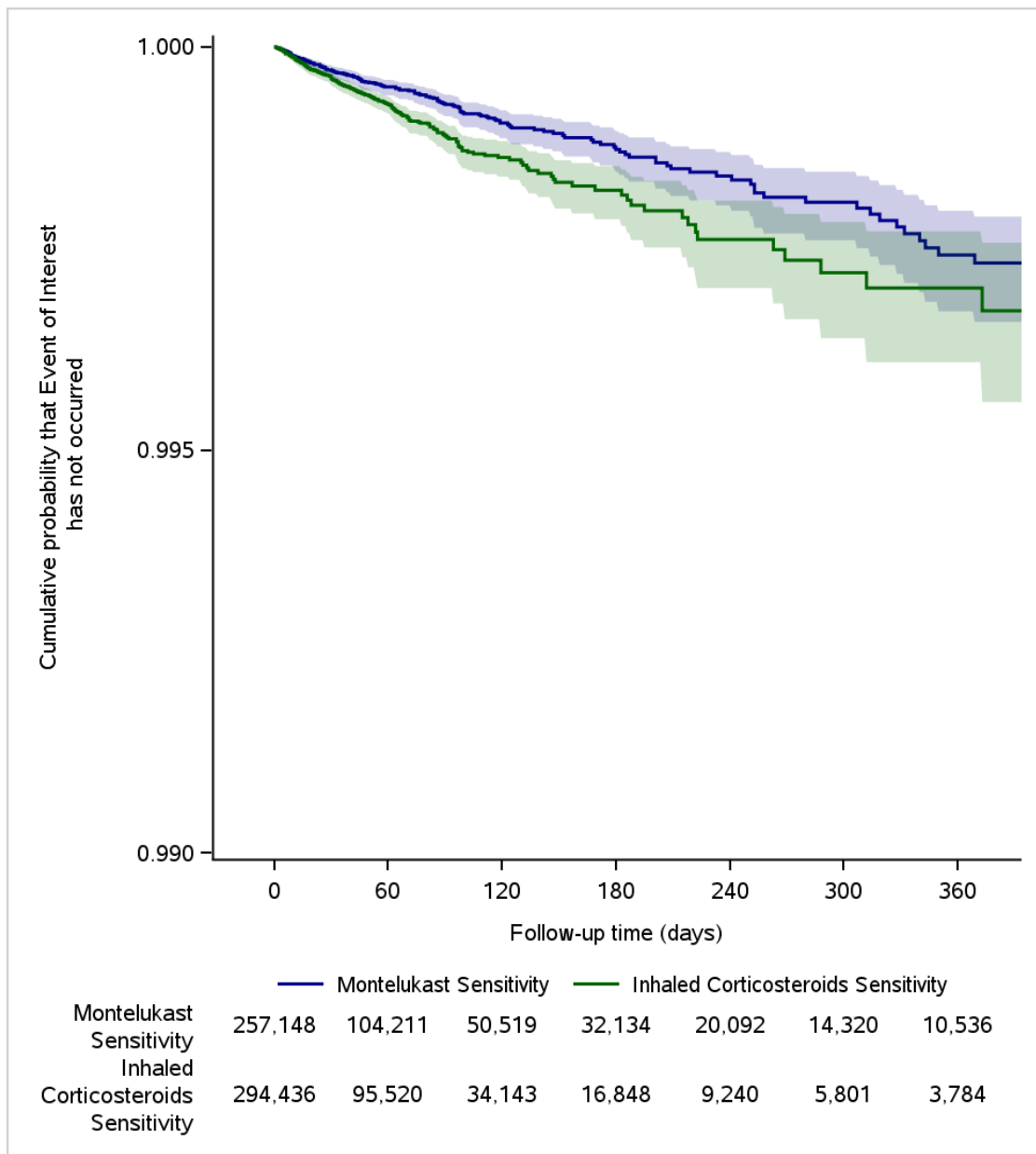


**Figure 7h. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

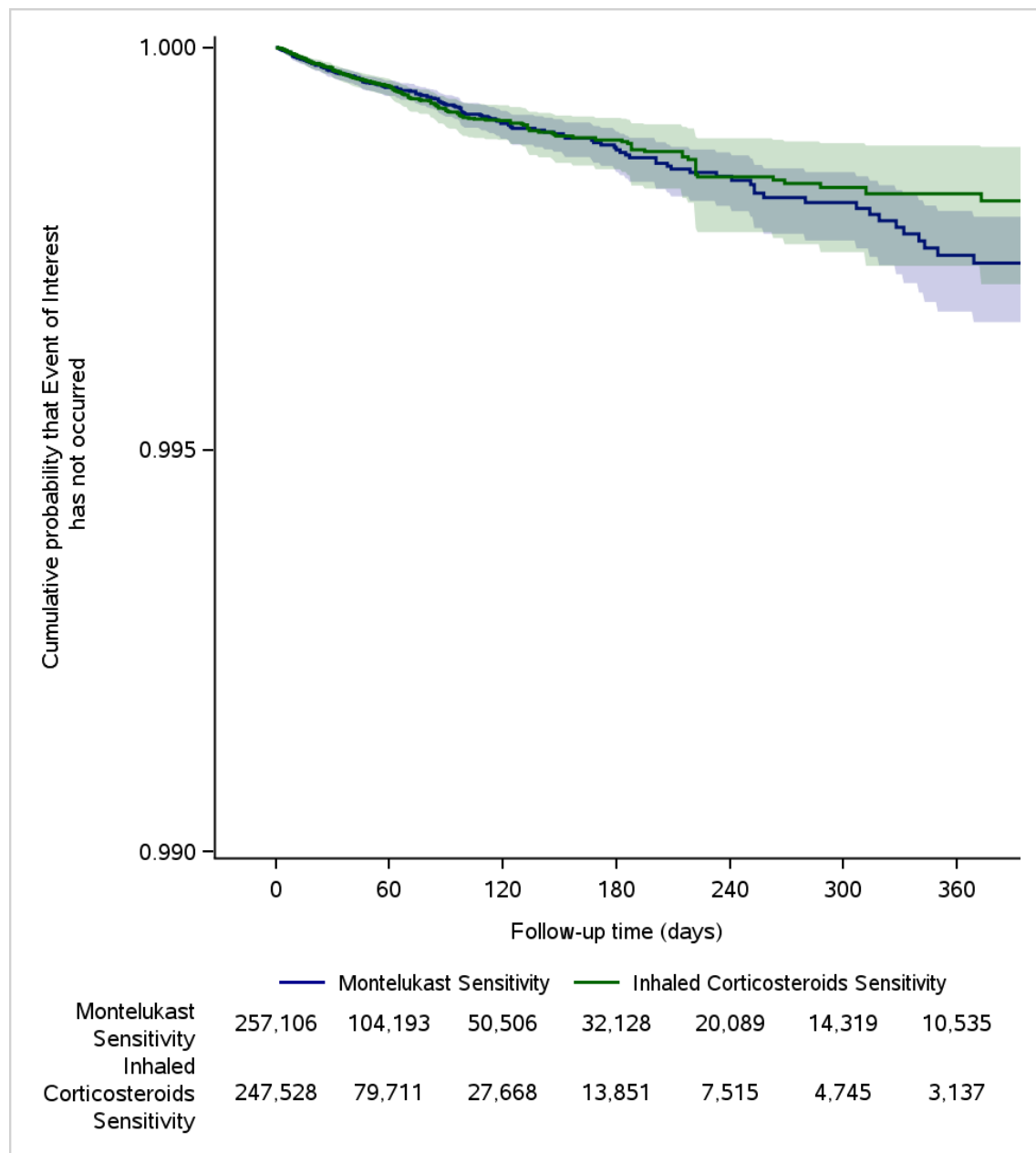




**Figure 7i. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**



**Figure 7j. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**



**Figure 7k. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 years**

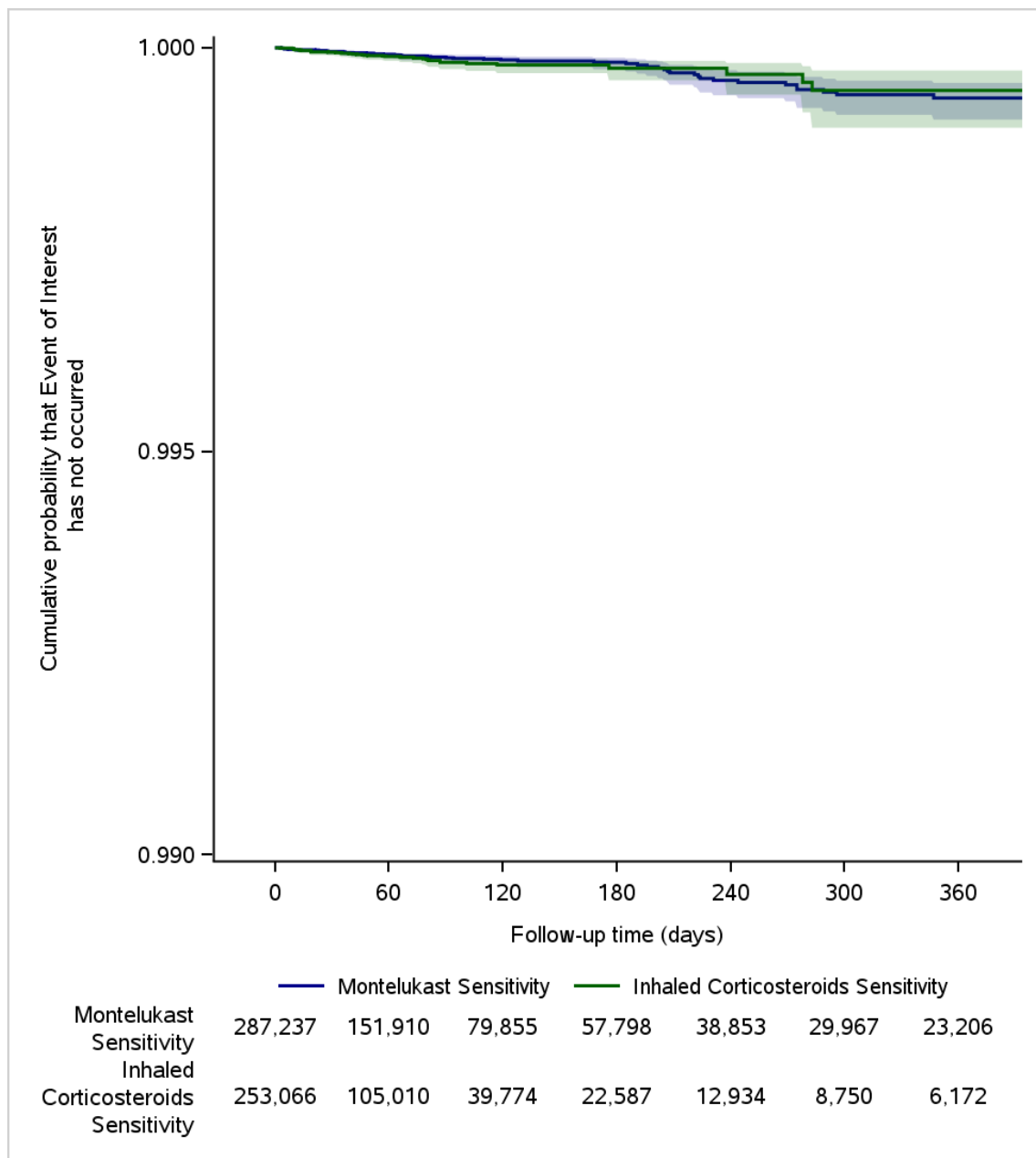
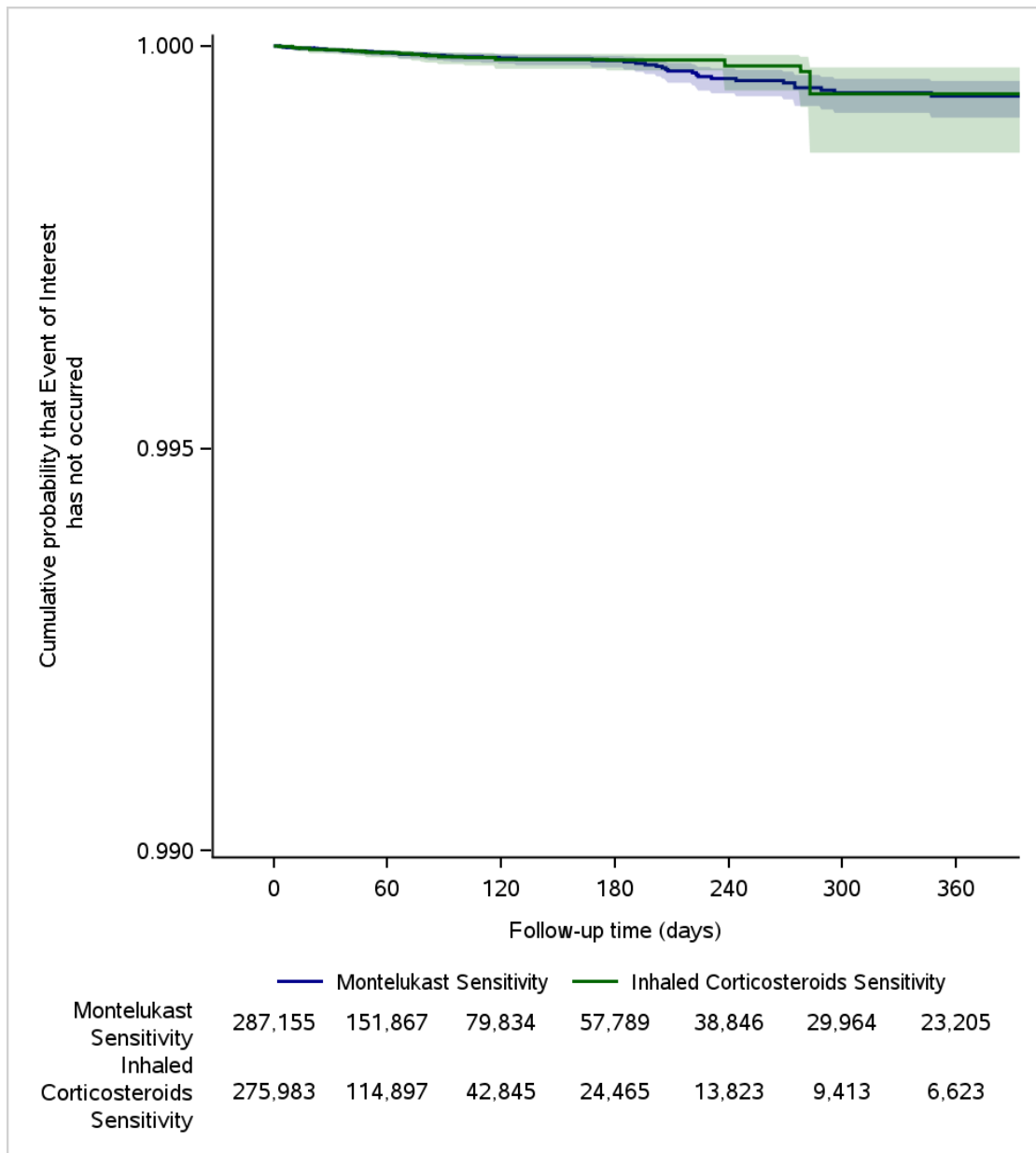
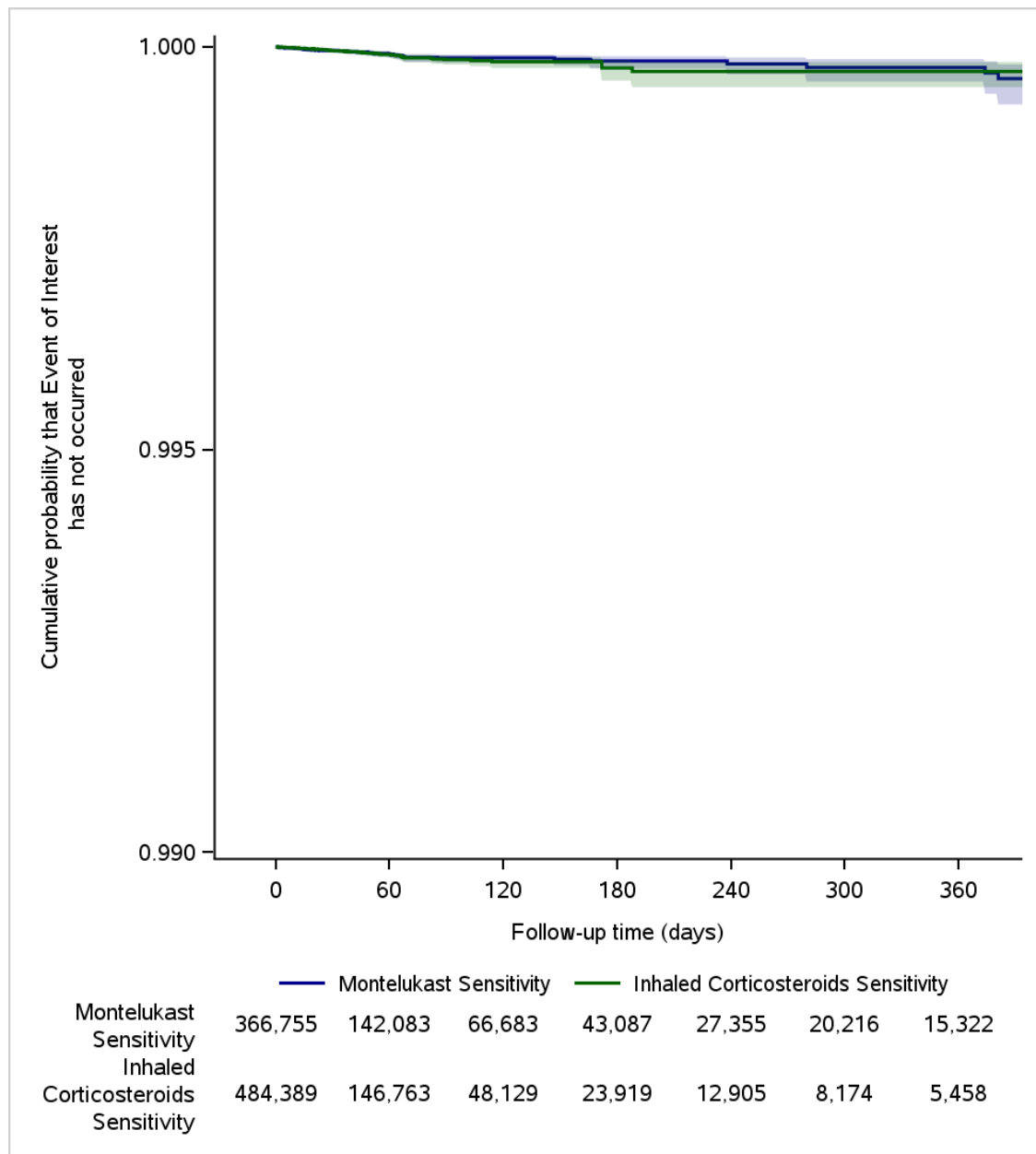


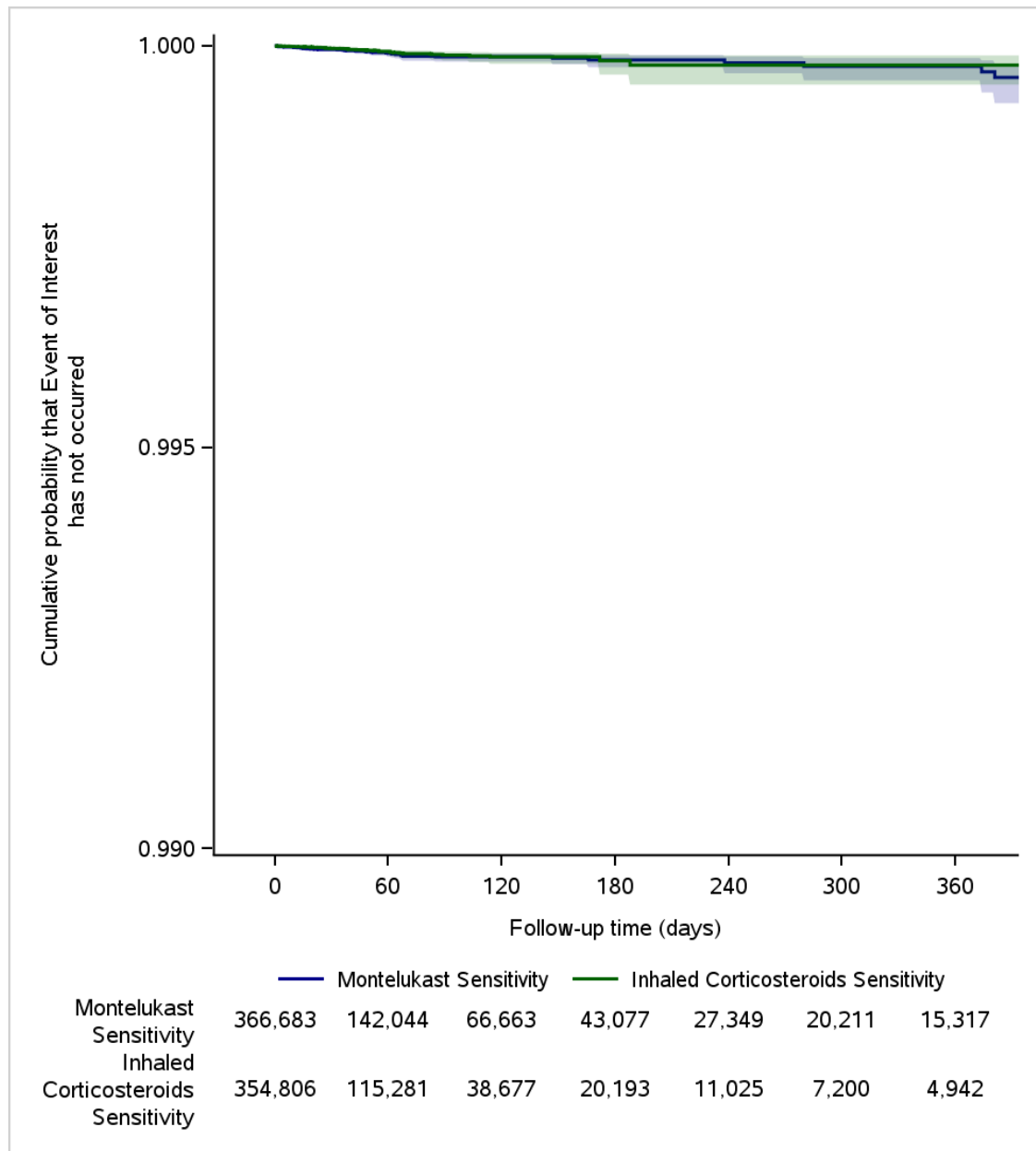
Figure 7I. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 years



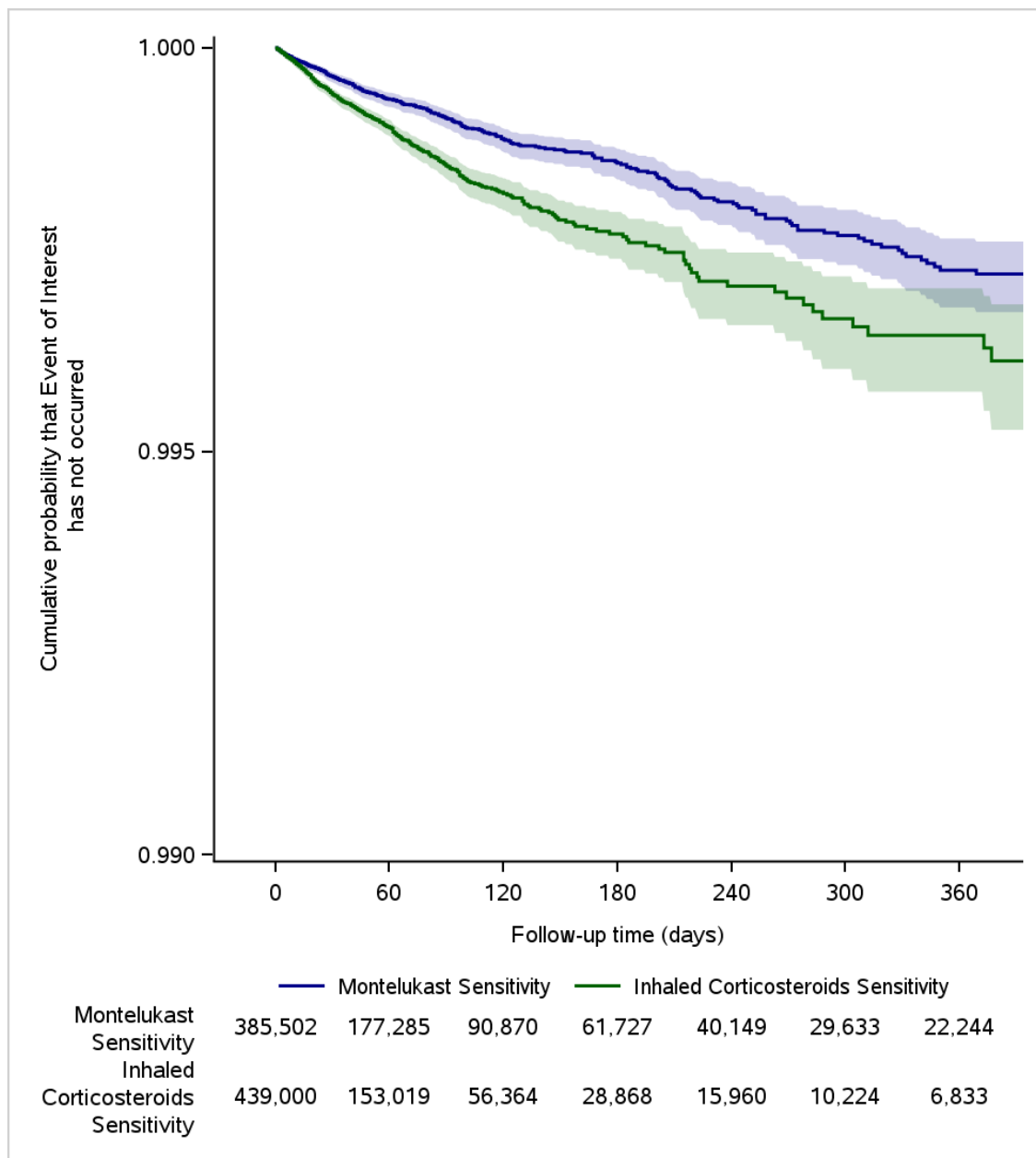
**Figure 7m. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**



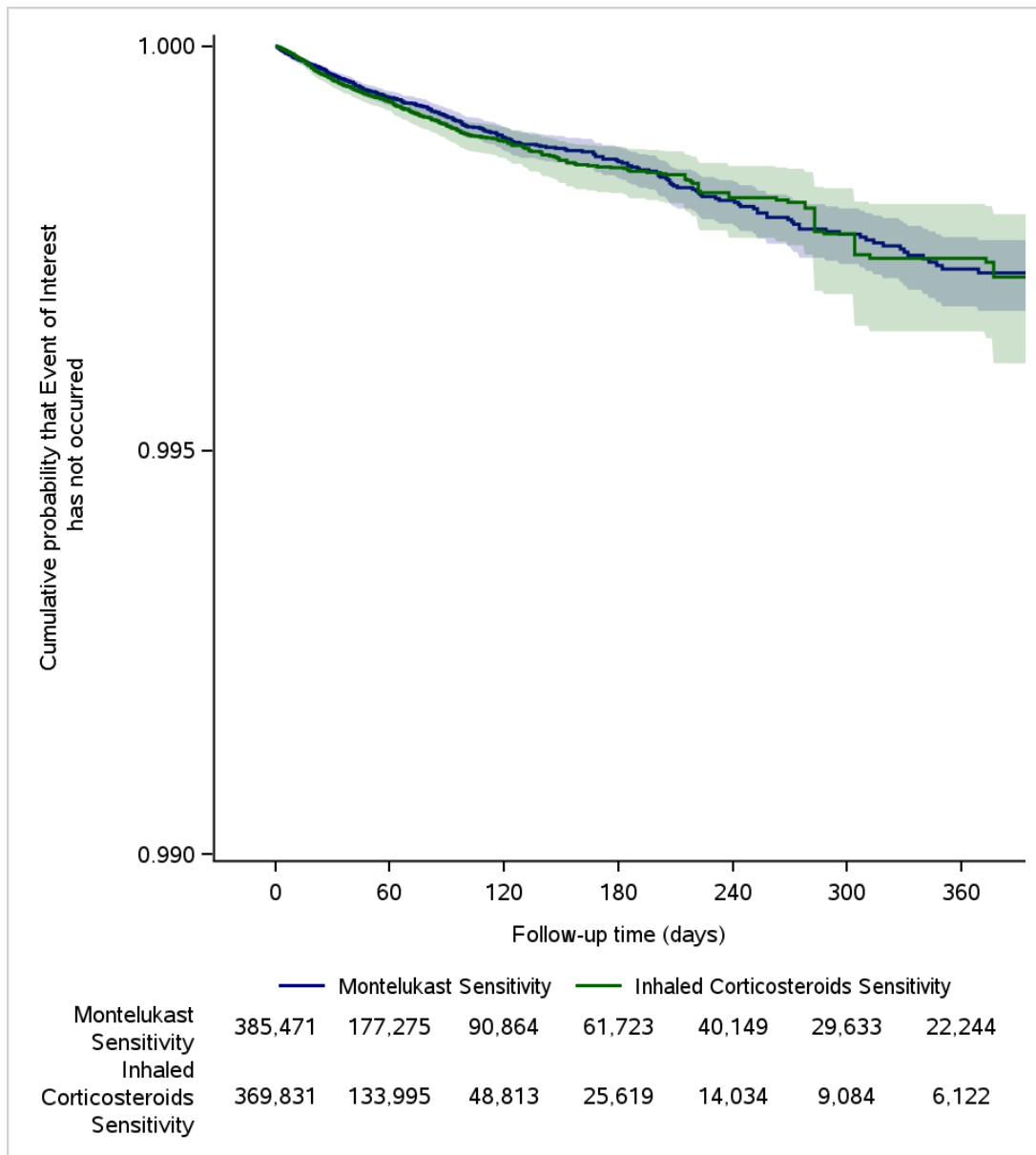
**Figure 7n. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**



**Figure 7o. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

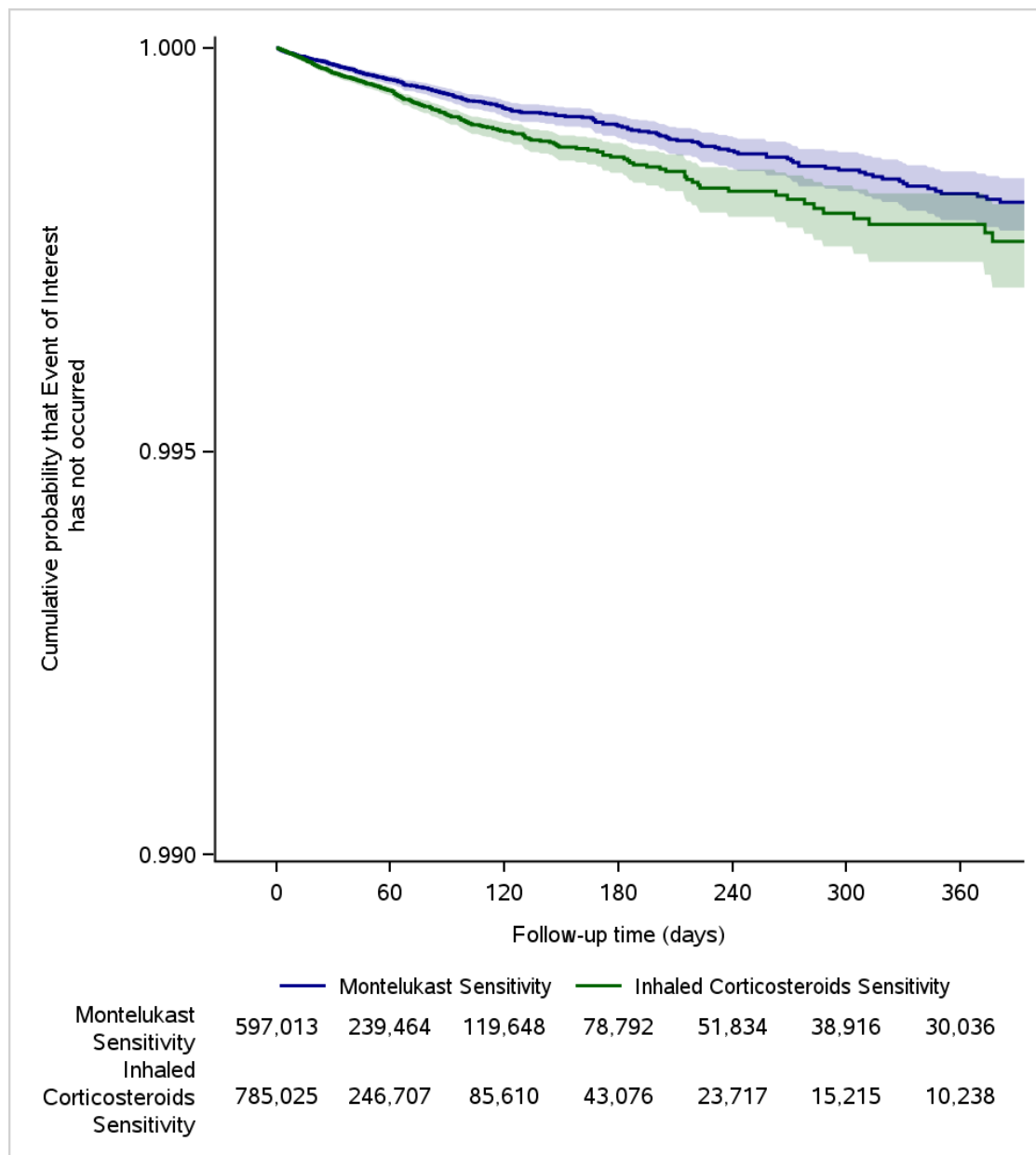


**Figure 7p. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

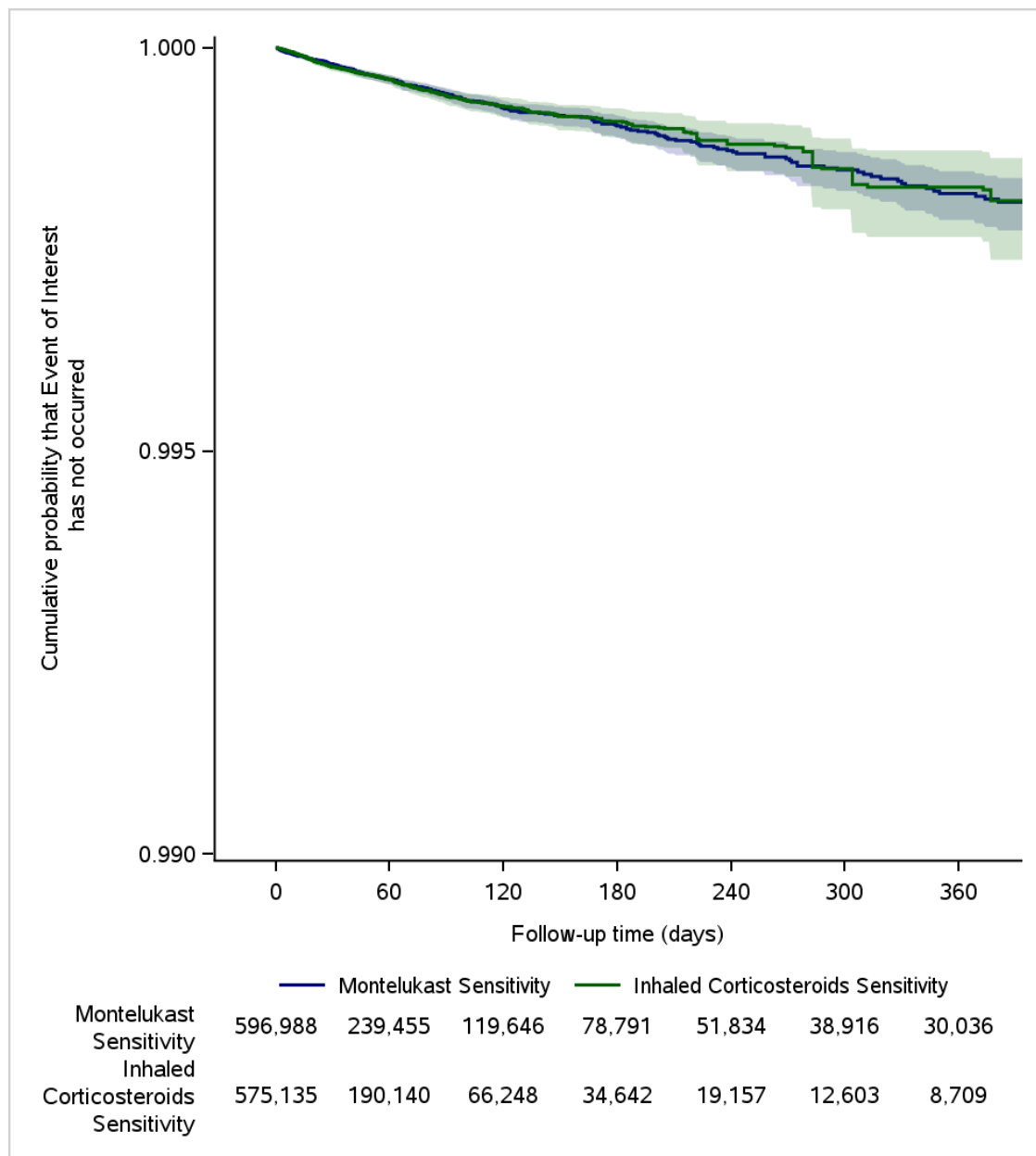




**Figure 7q. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**



**Figure 7r. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**



**Figure 7s. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

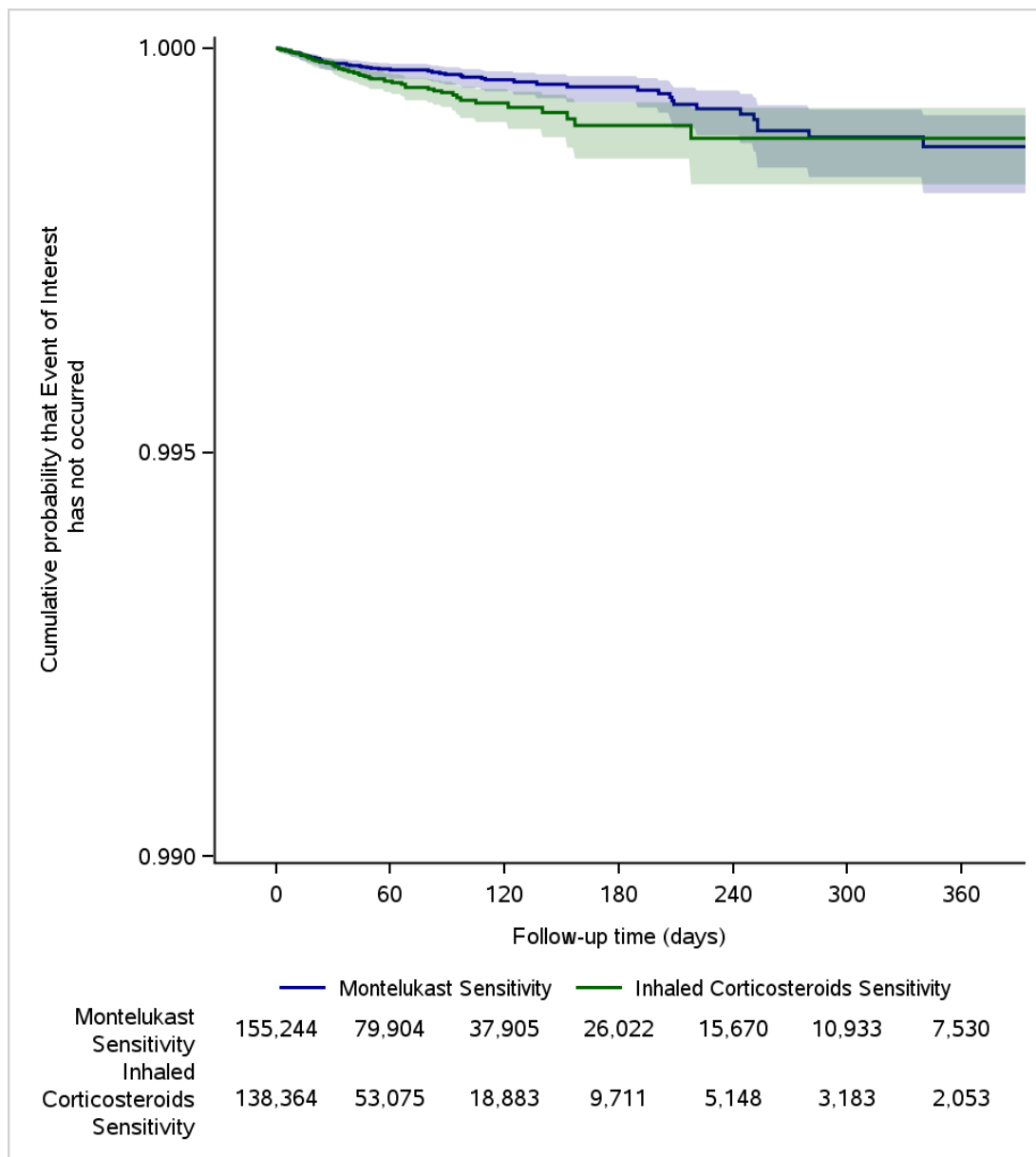
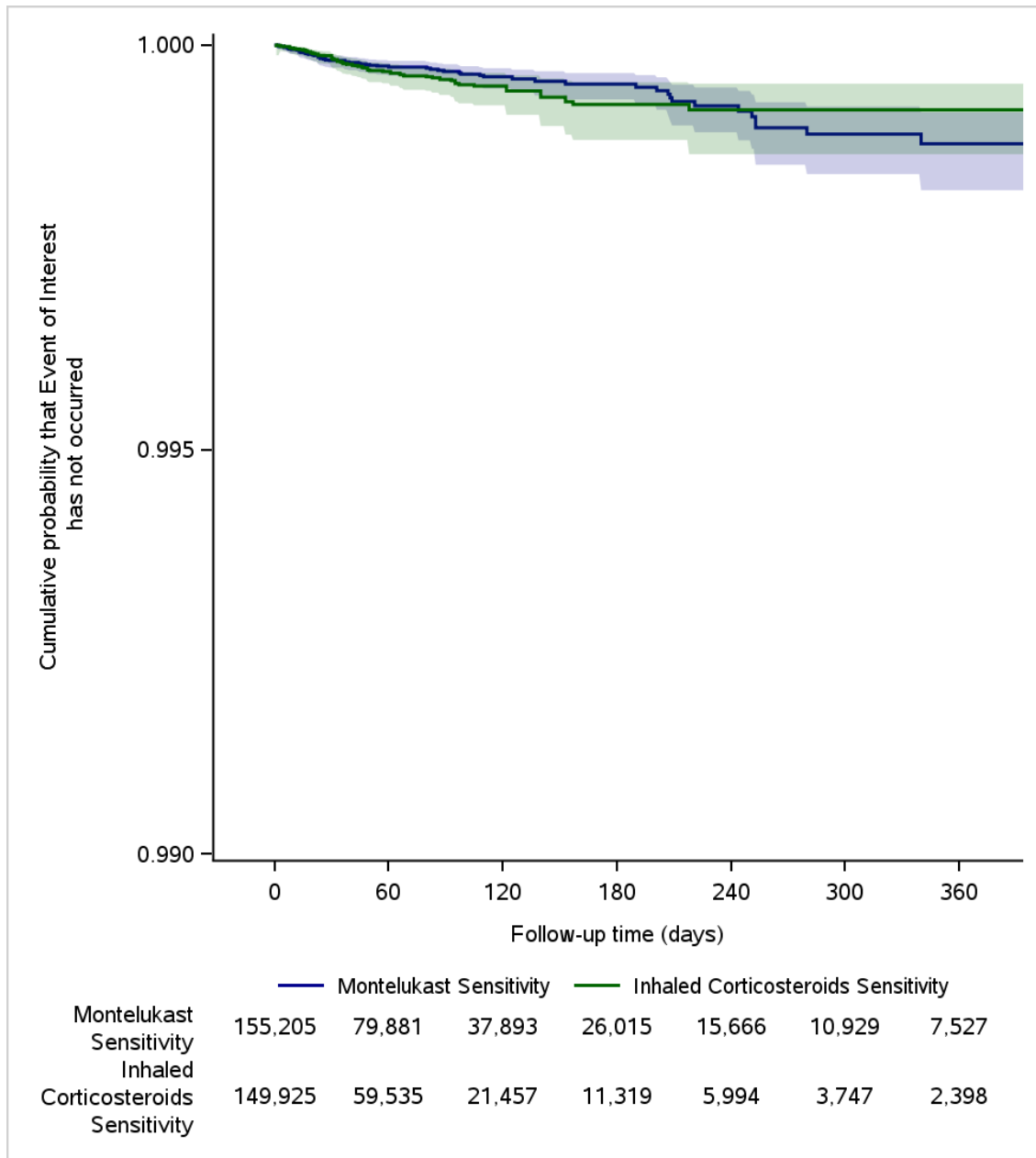


Figure 7t. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension from the Weighted Population after Intentional Self Harm Inpatient and Emergency, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning



**Figure 8a. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

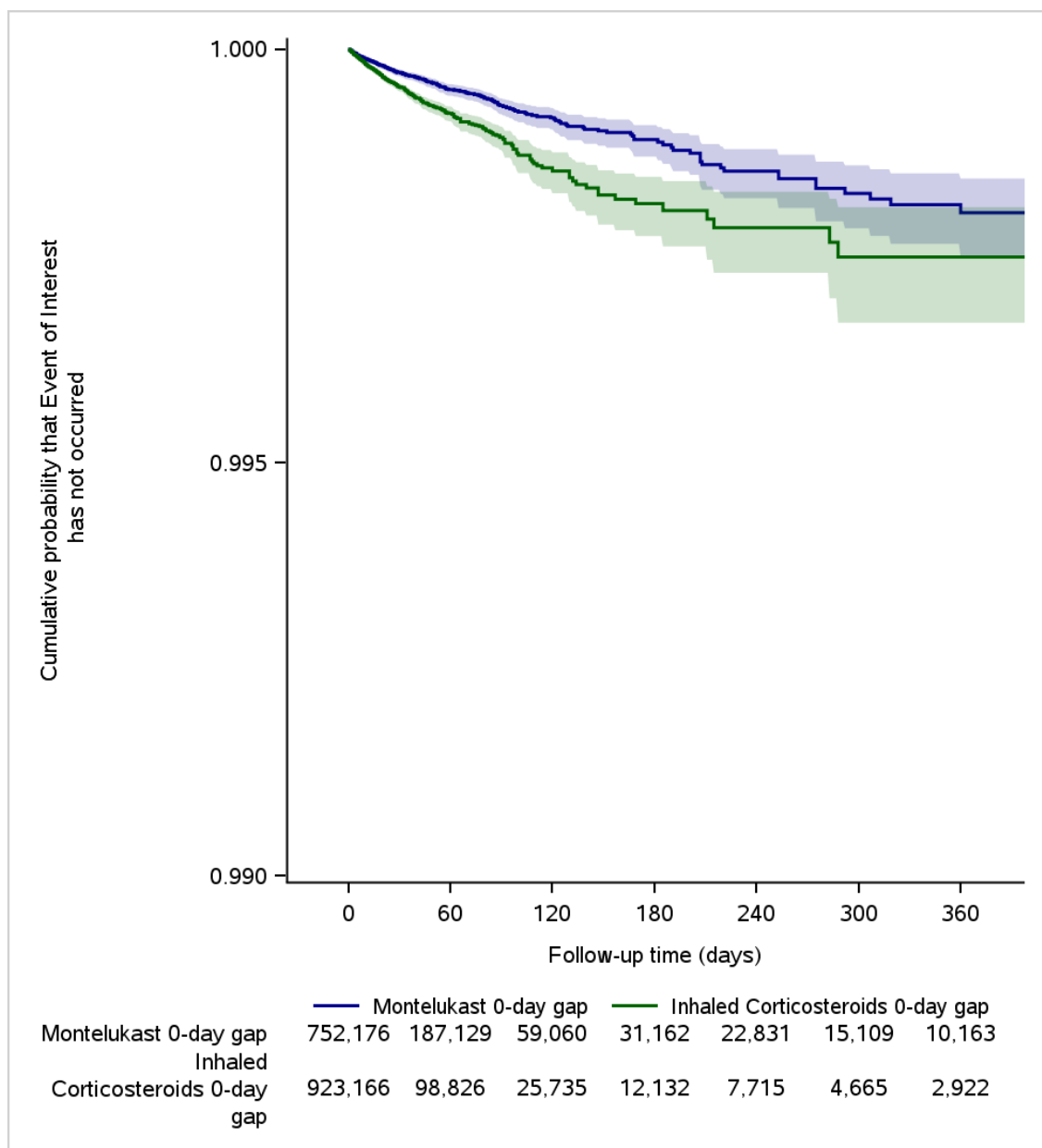
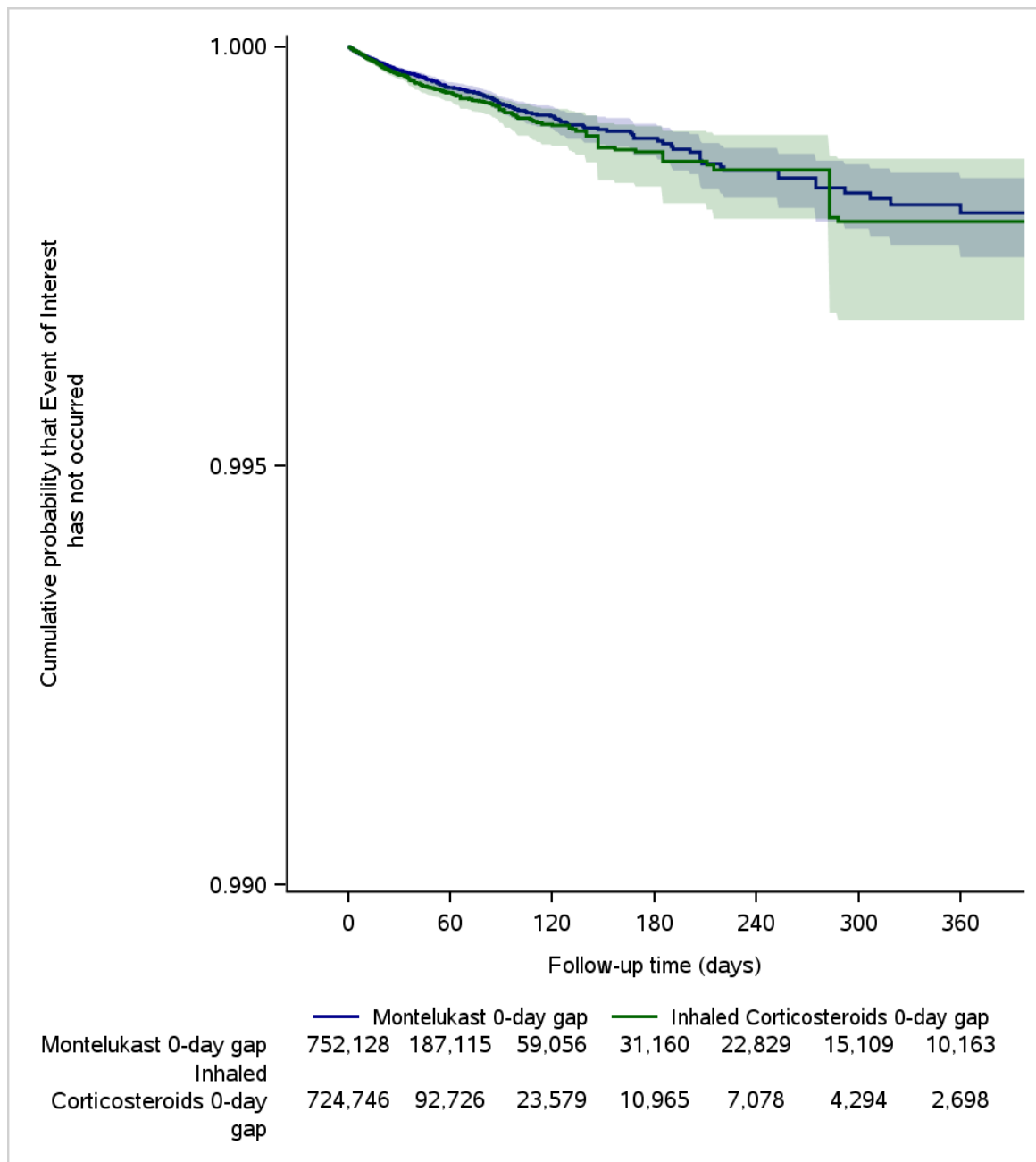


Figure 8b. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022



**Figure 8c. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female**

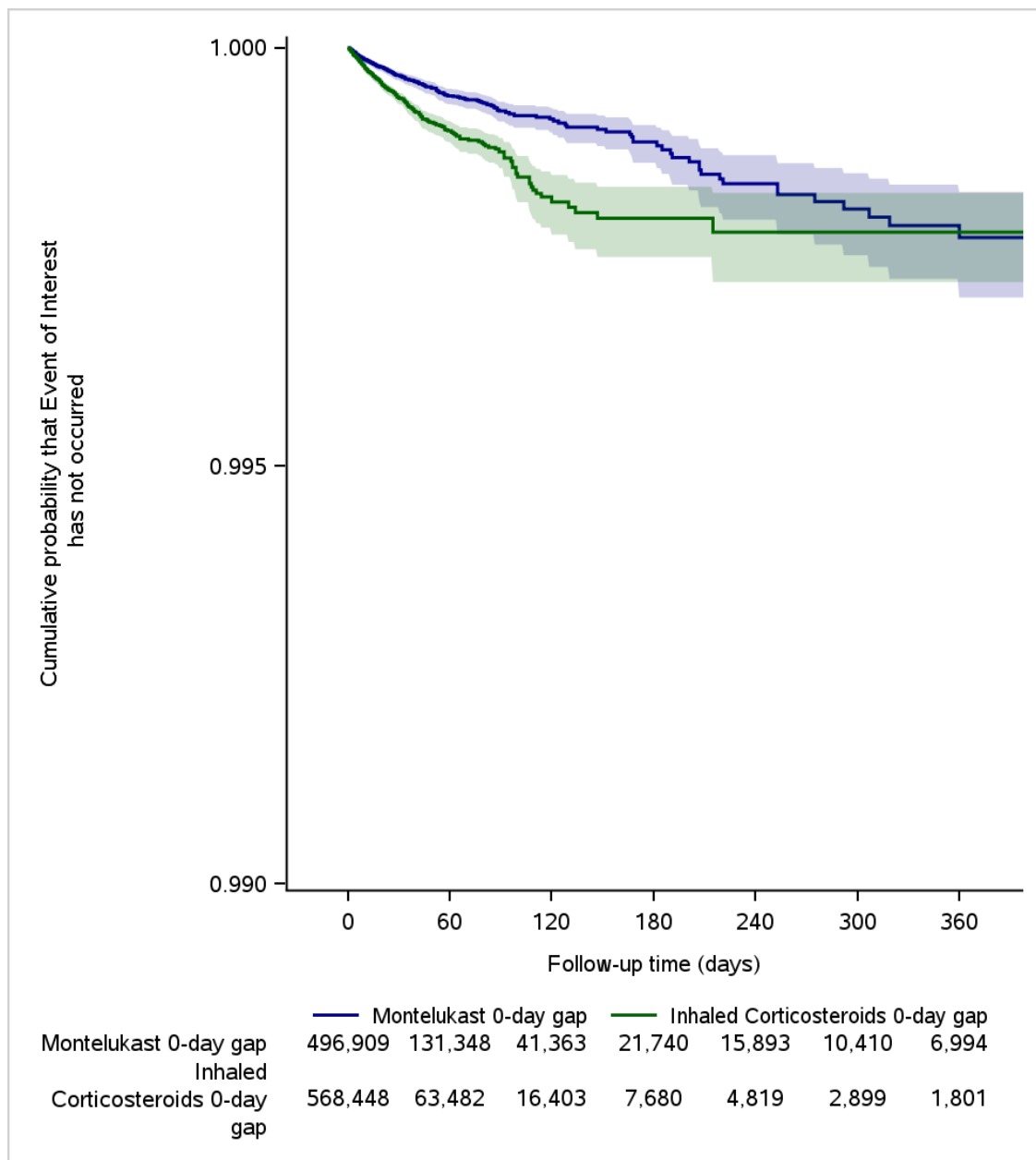
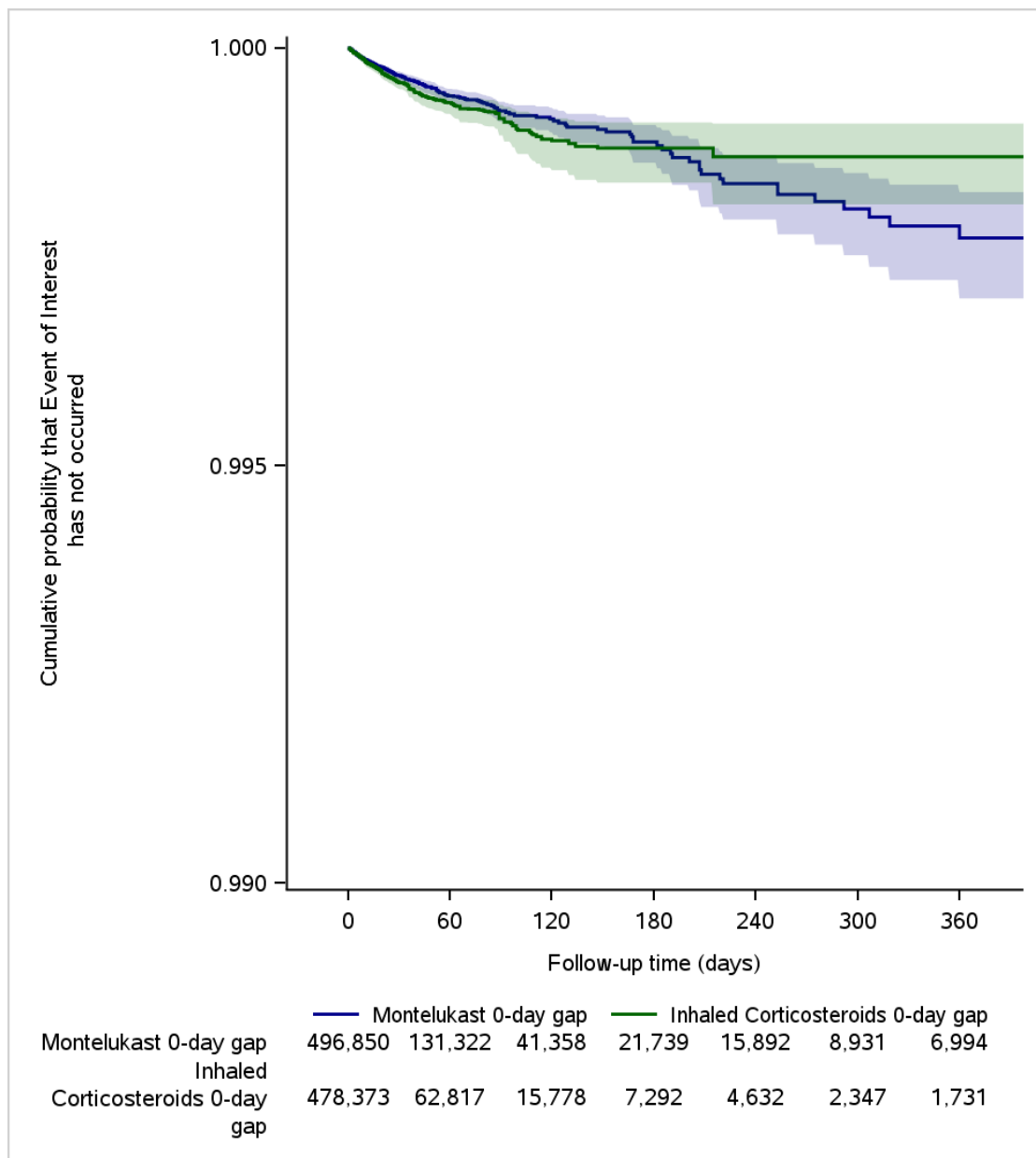


Figure 8d. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female





**Figure 8e. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

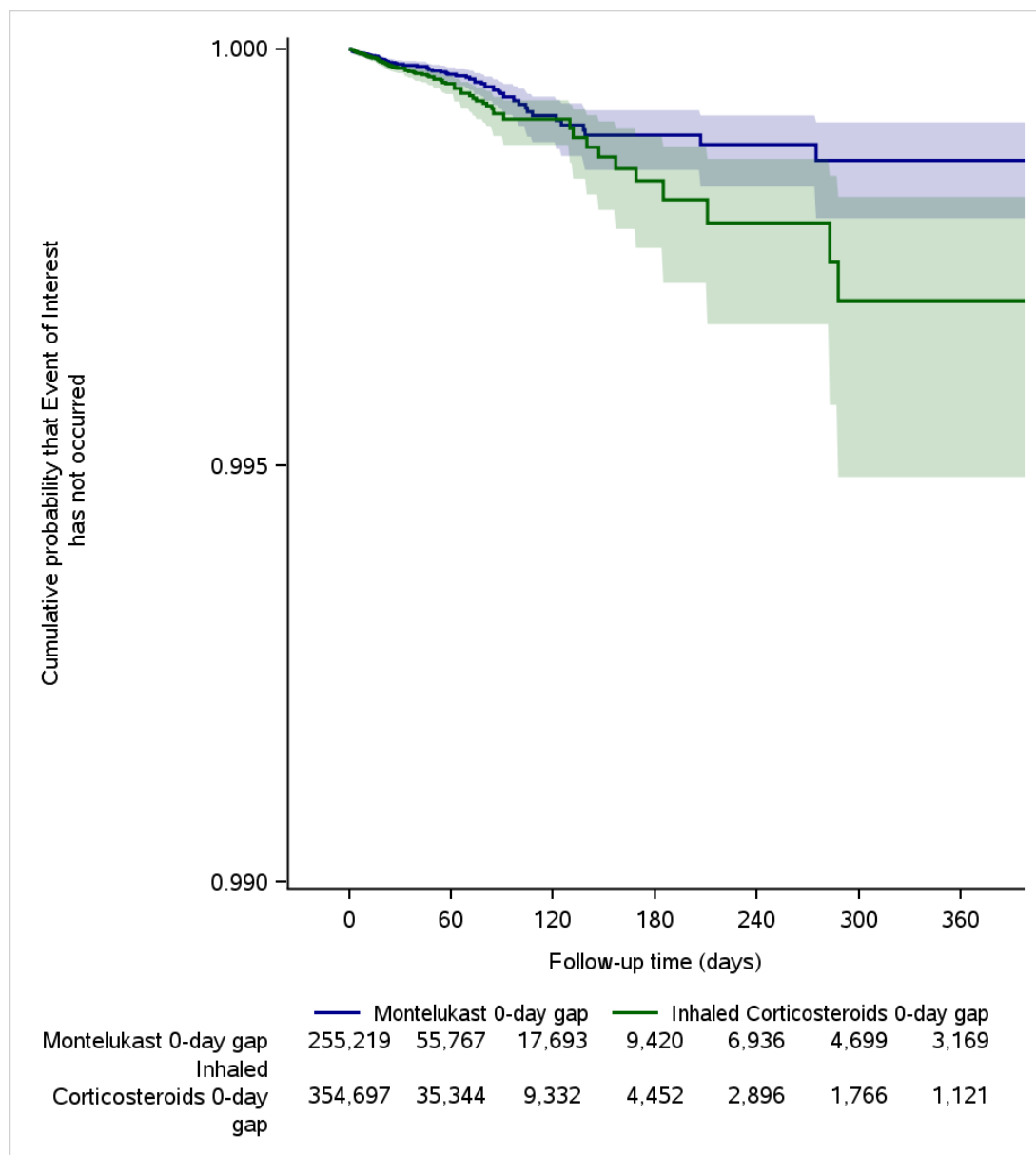


Figure 8f. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male

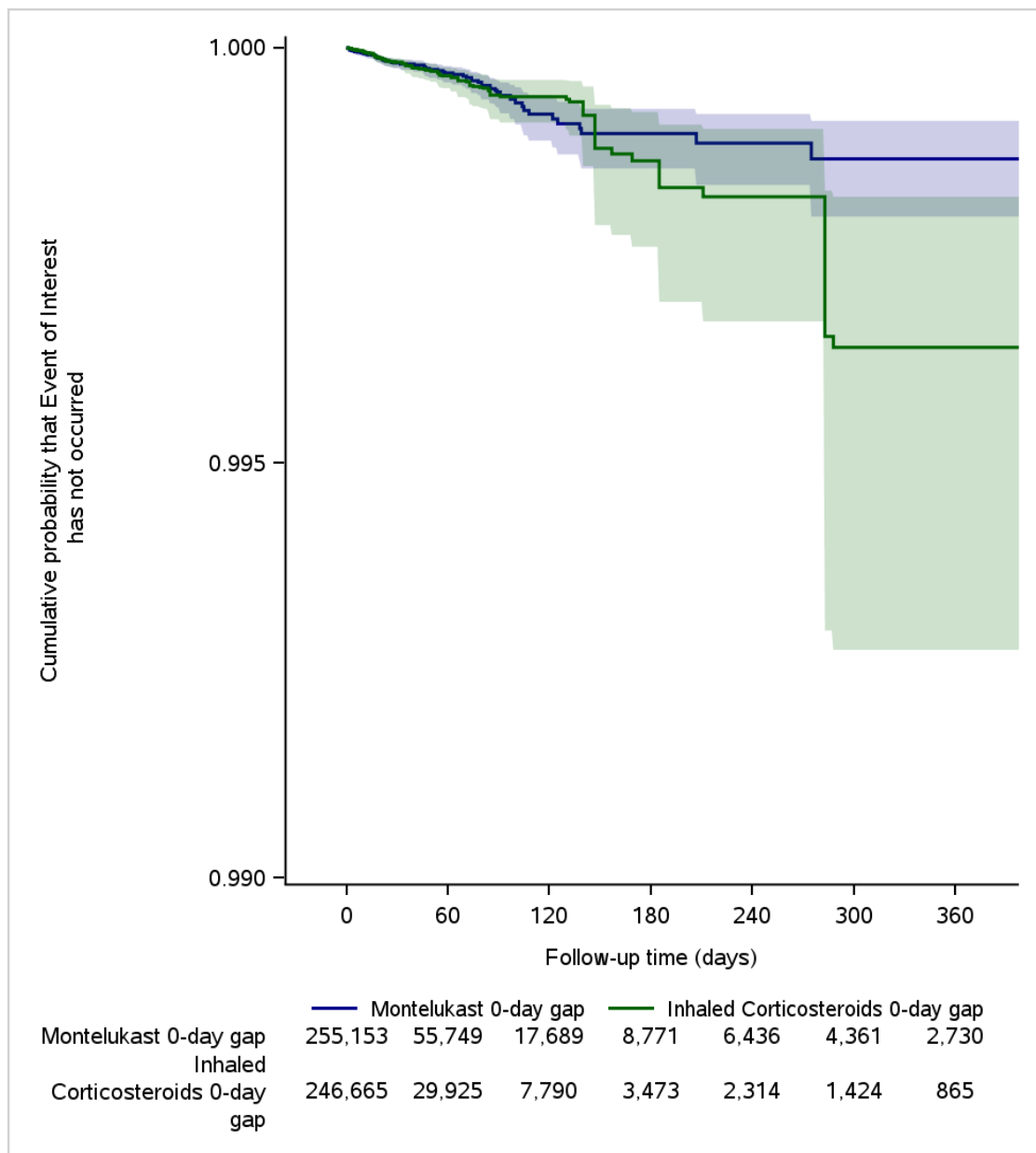


Figure 8g. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years

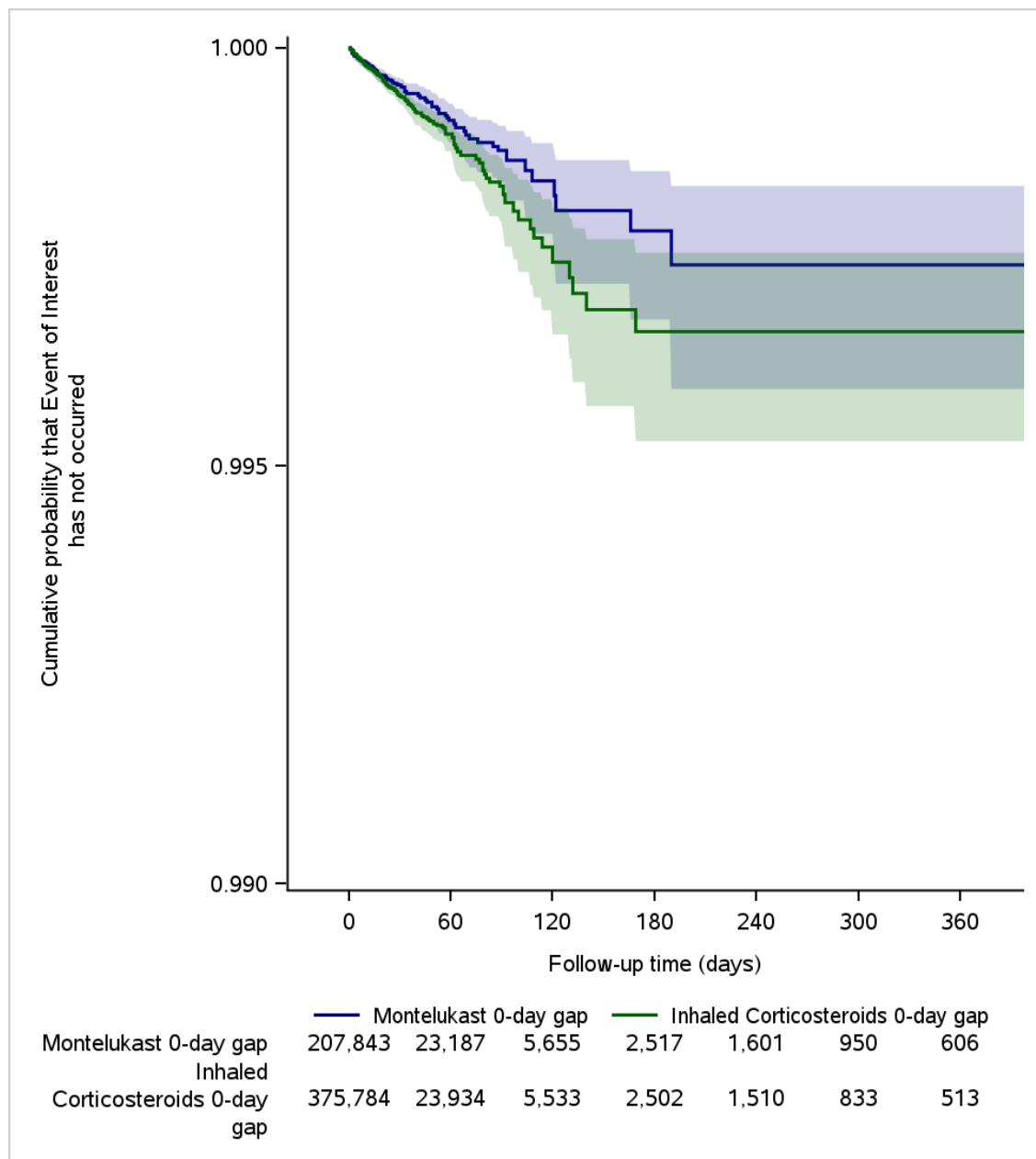
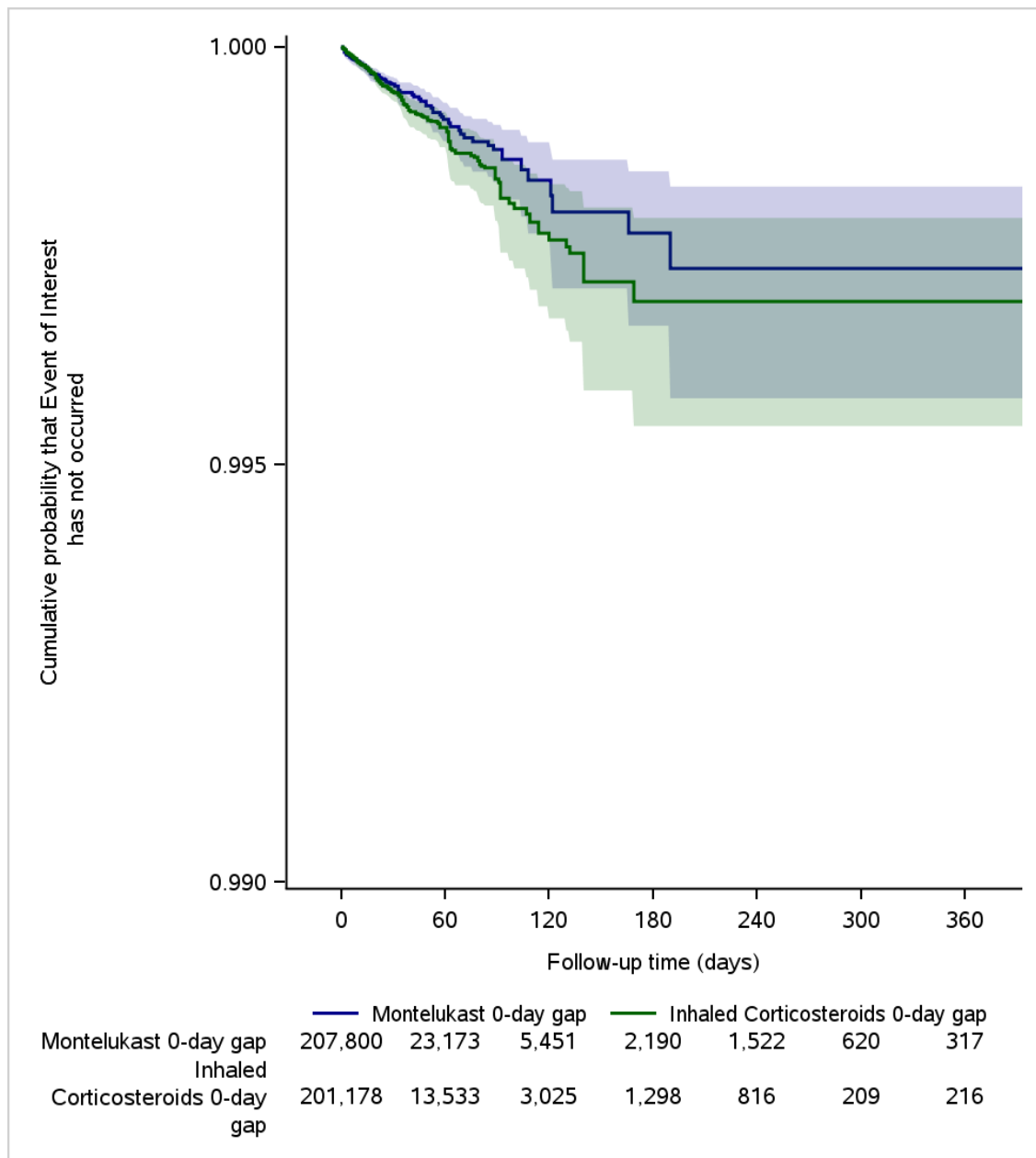


Figure 8h. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years



**Figure 8i. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

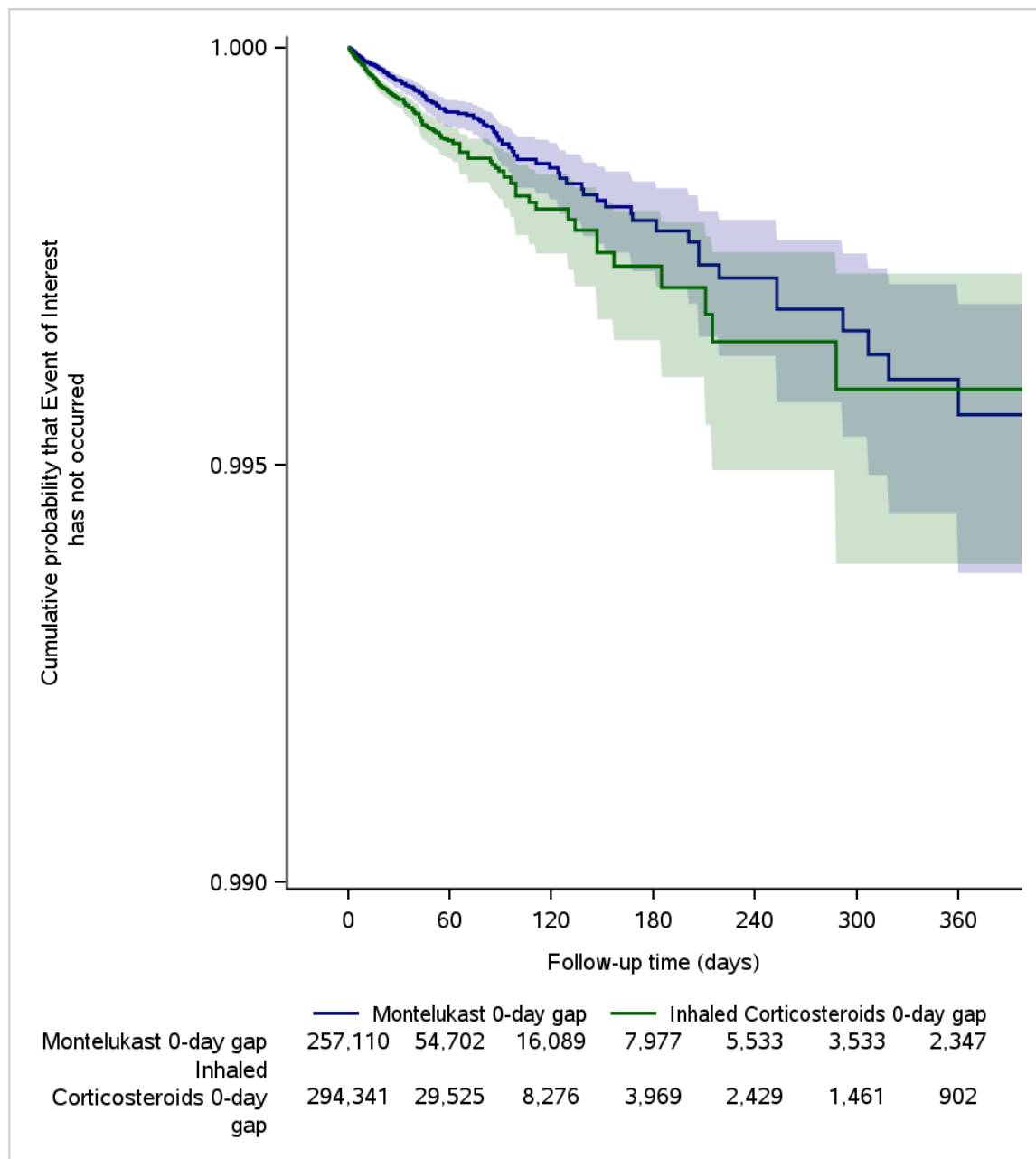
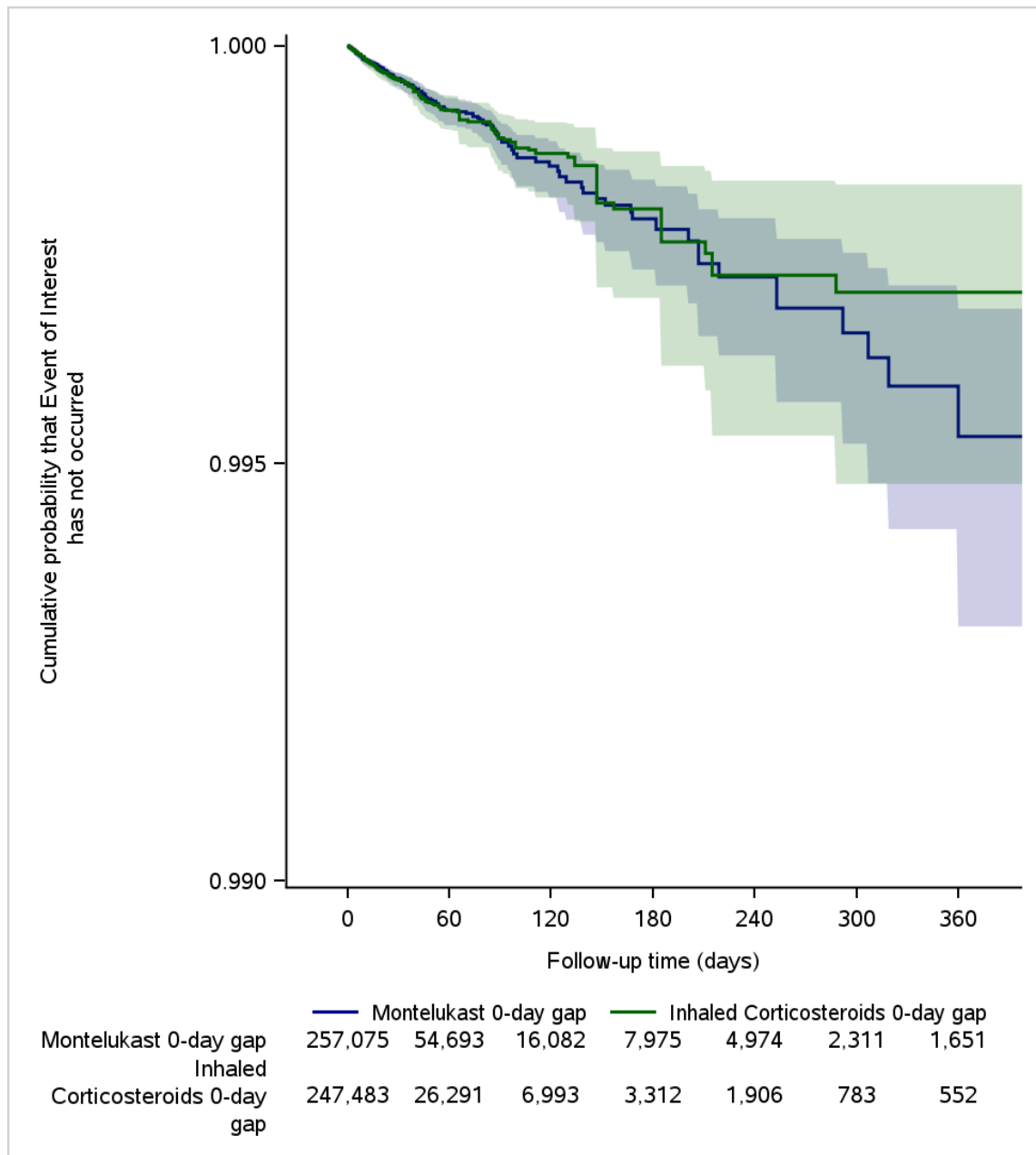


Figure 8j. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years



**Figure 8k. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: ≥ 55 years**

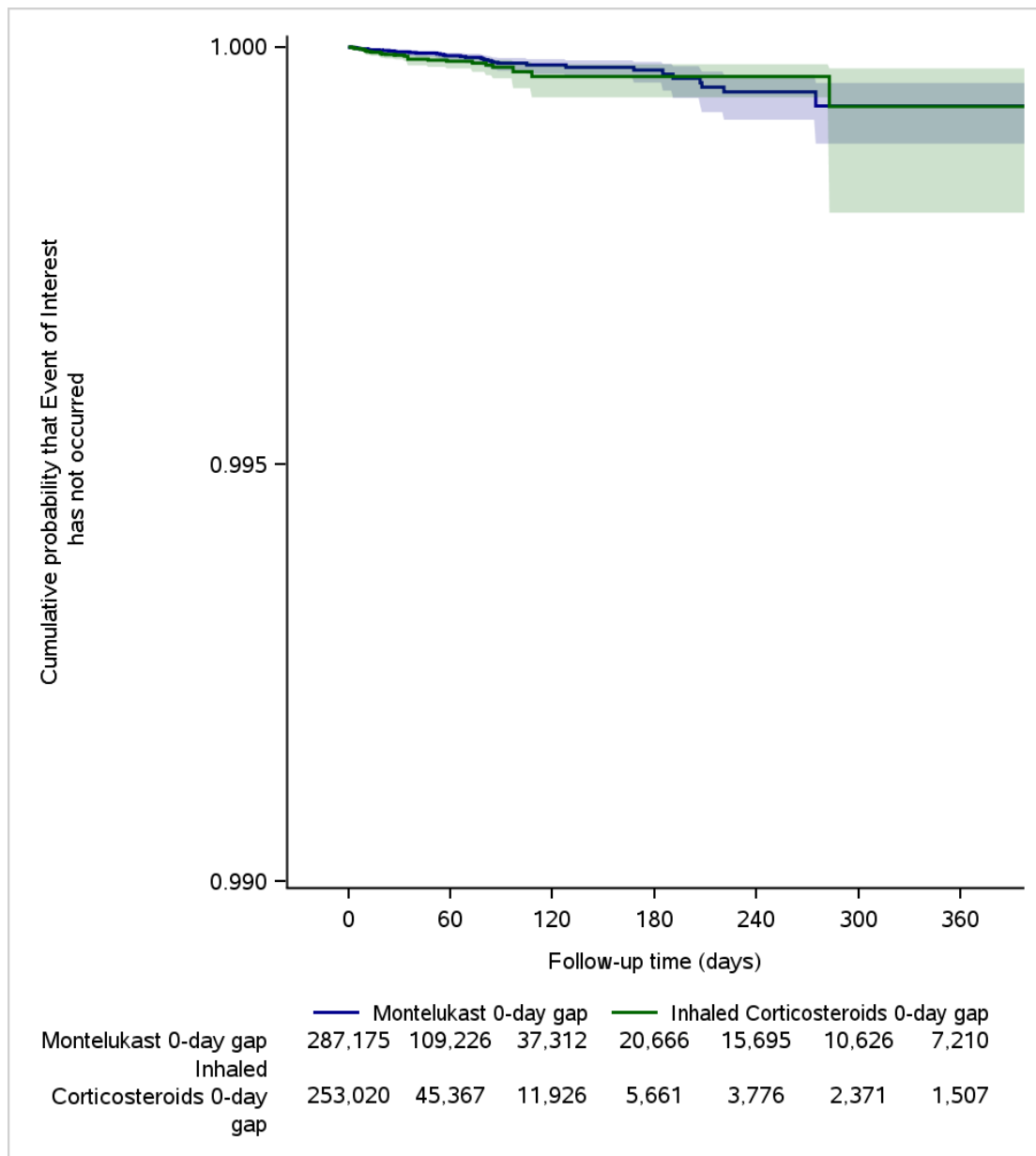
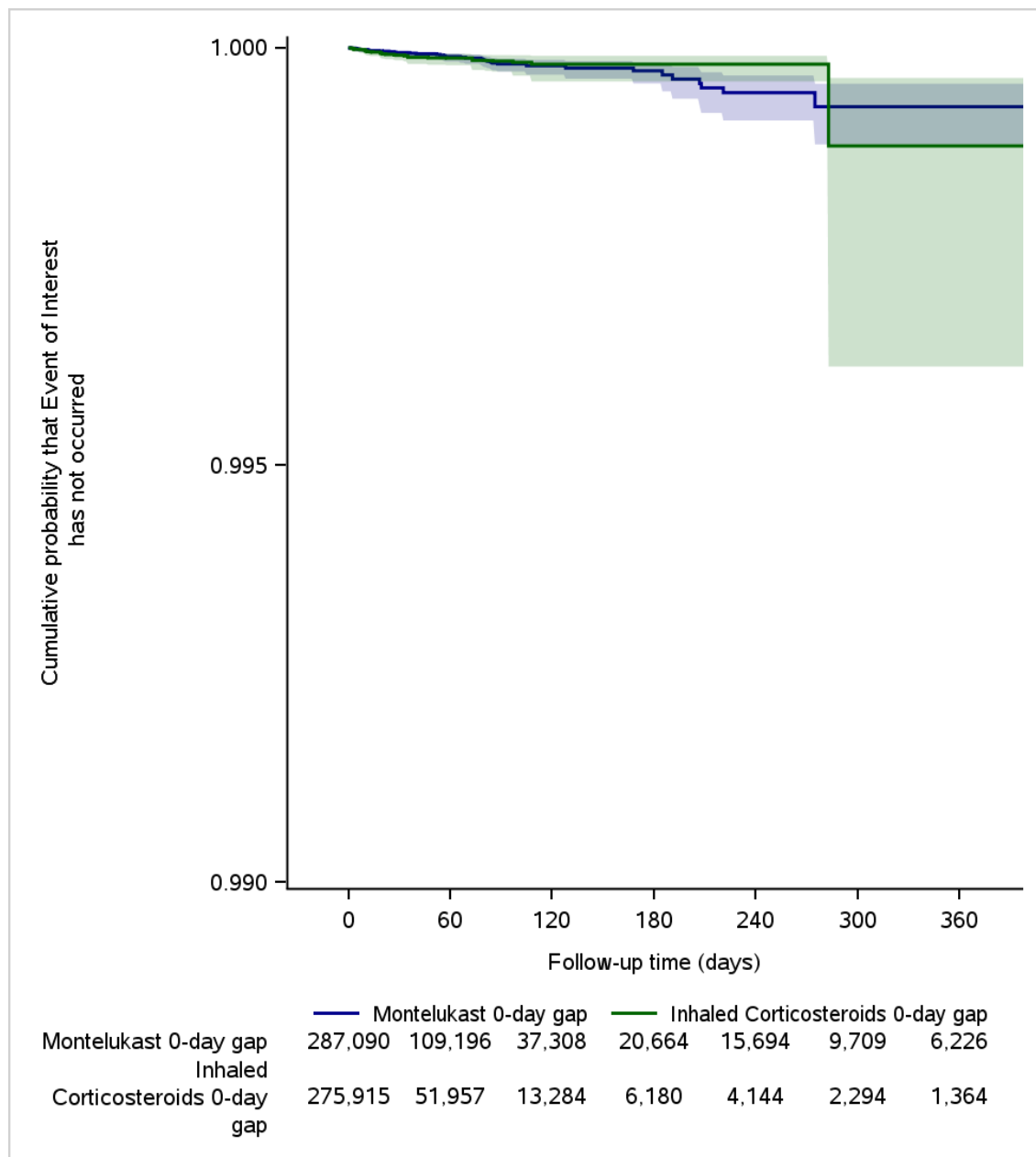
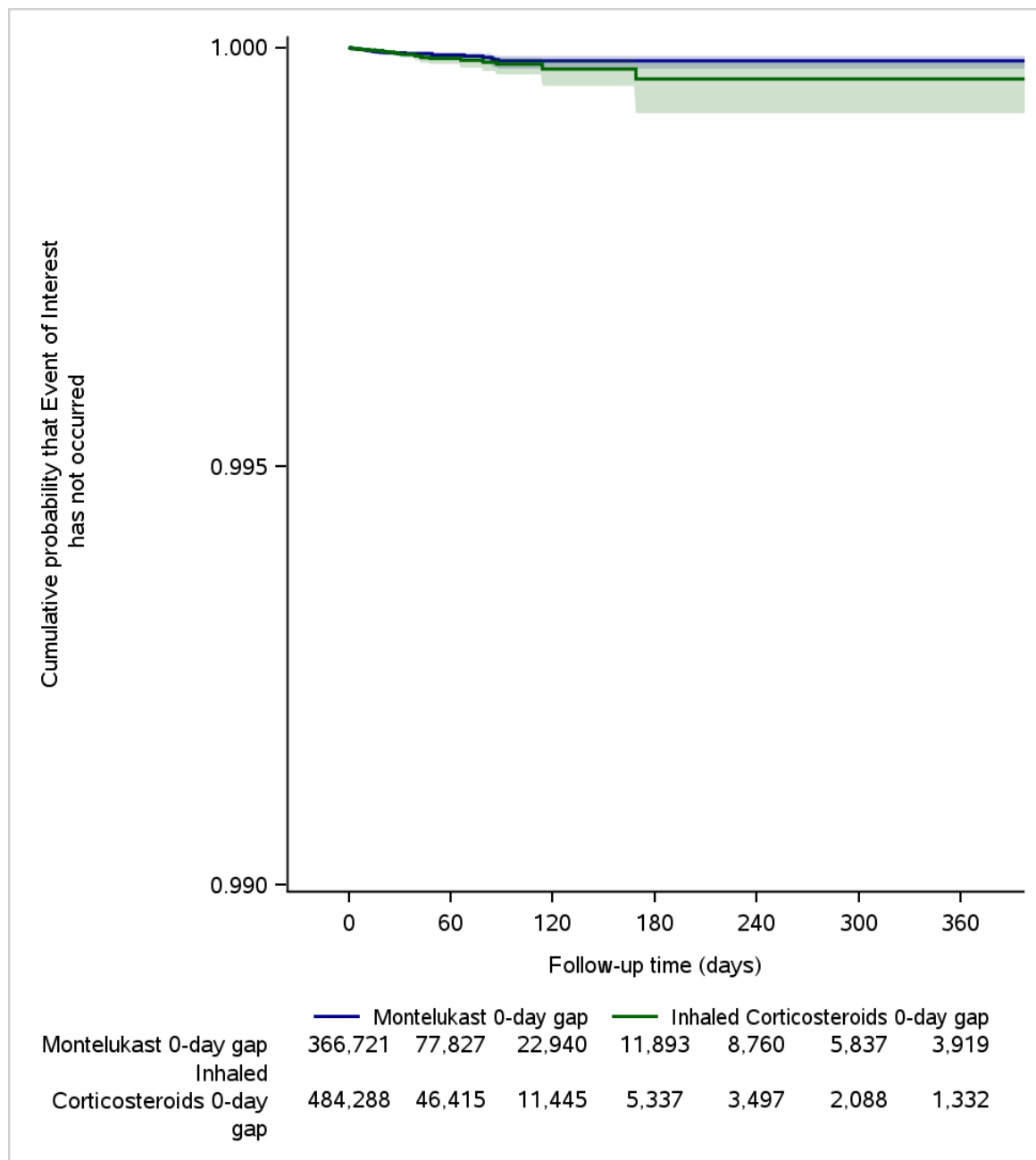


Figure 8I. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years

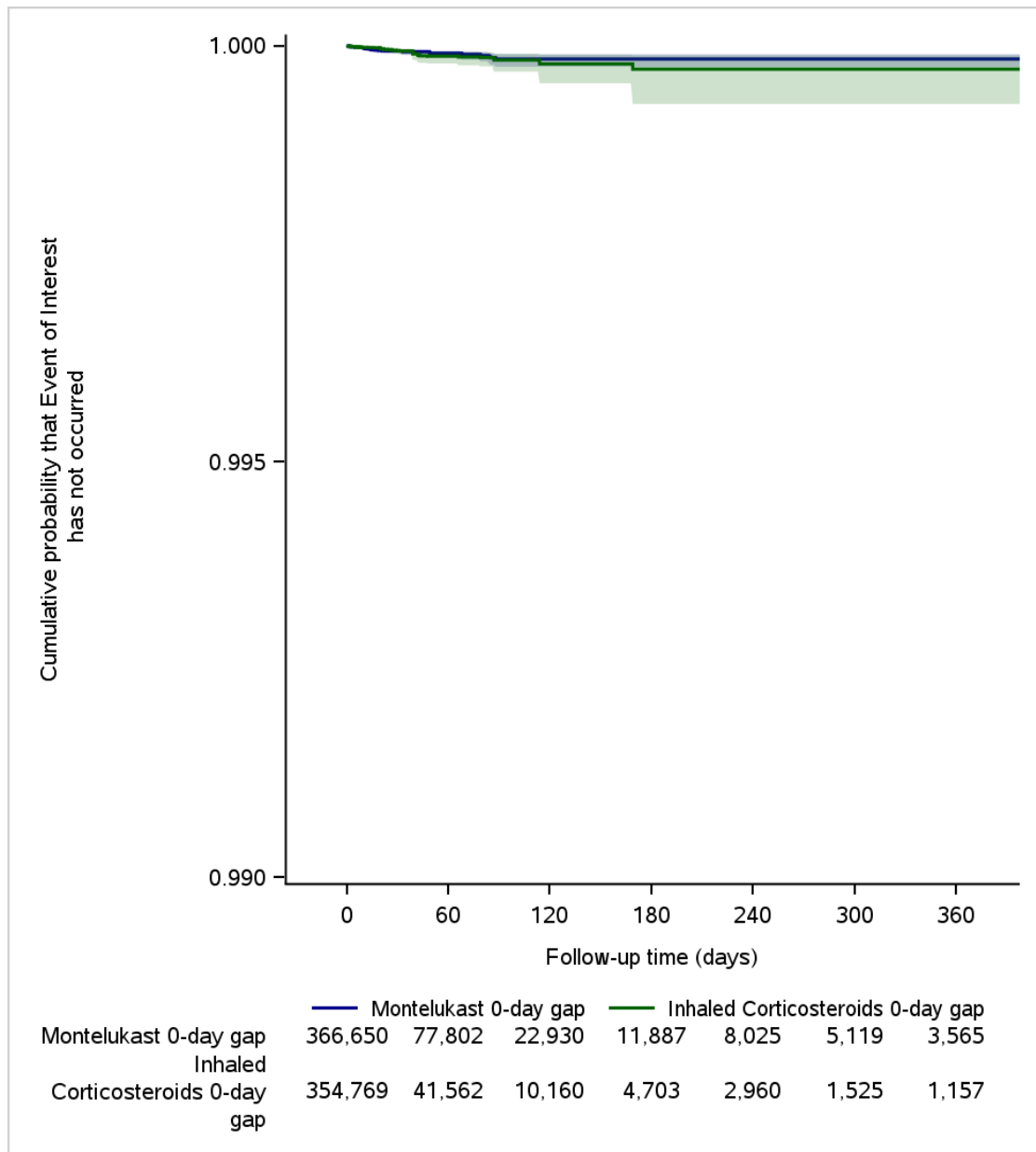




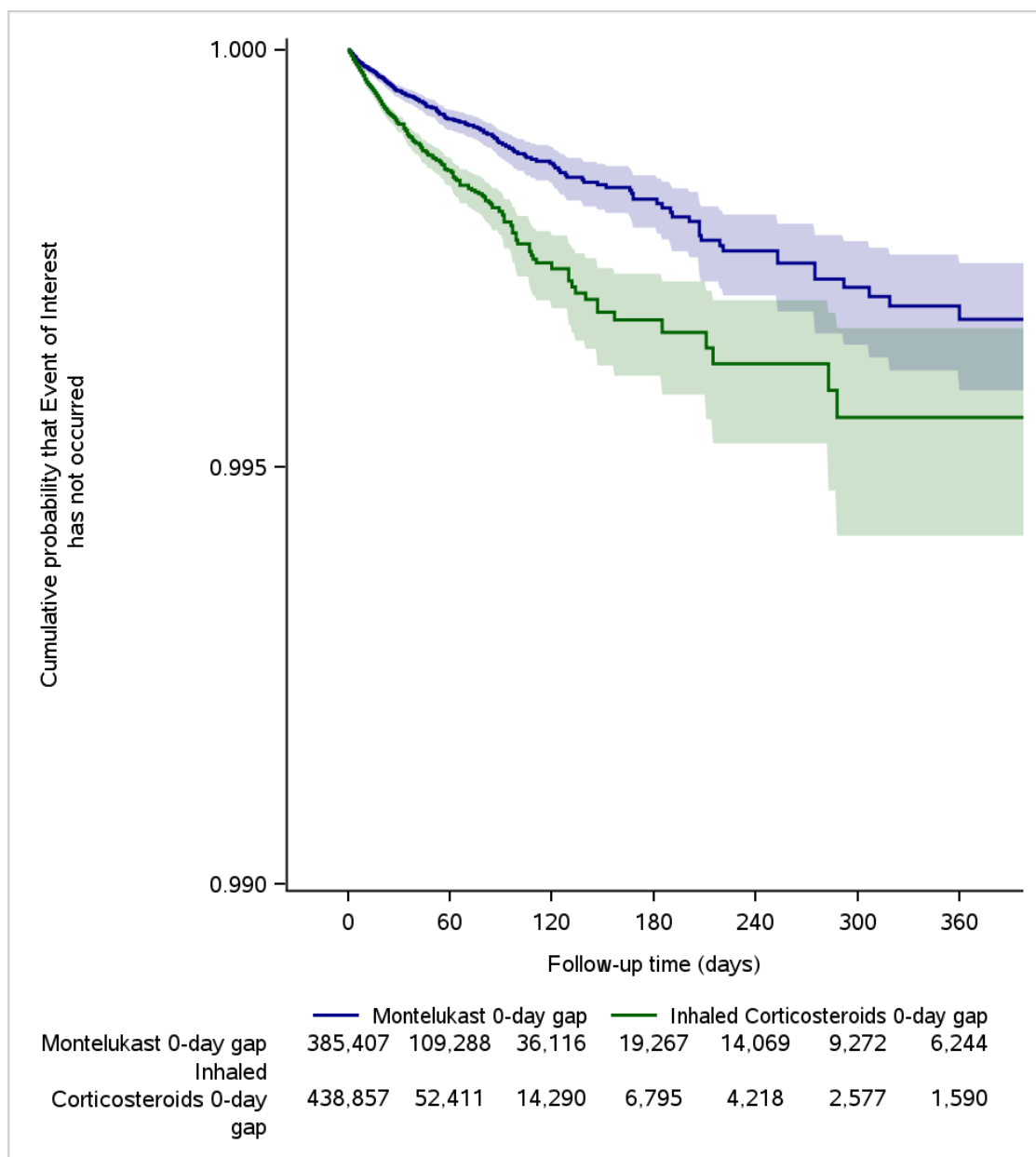
**Figure 8m. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**



**Figure 8n. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History**



**Figure 80. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**



**Figure 8p. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

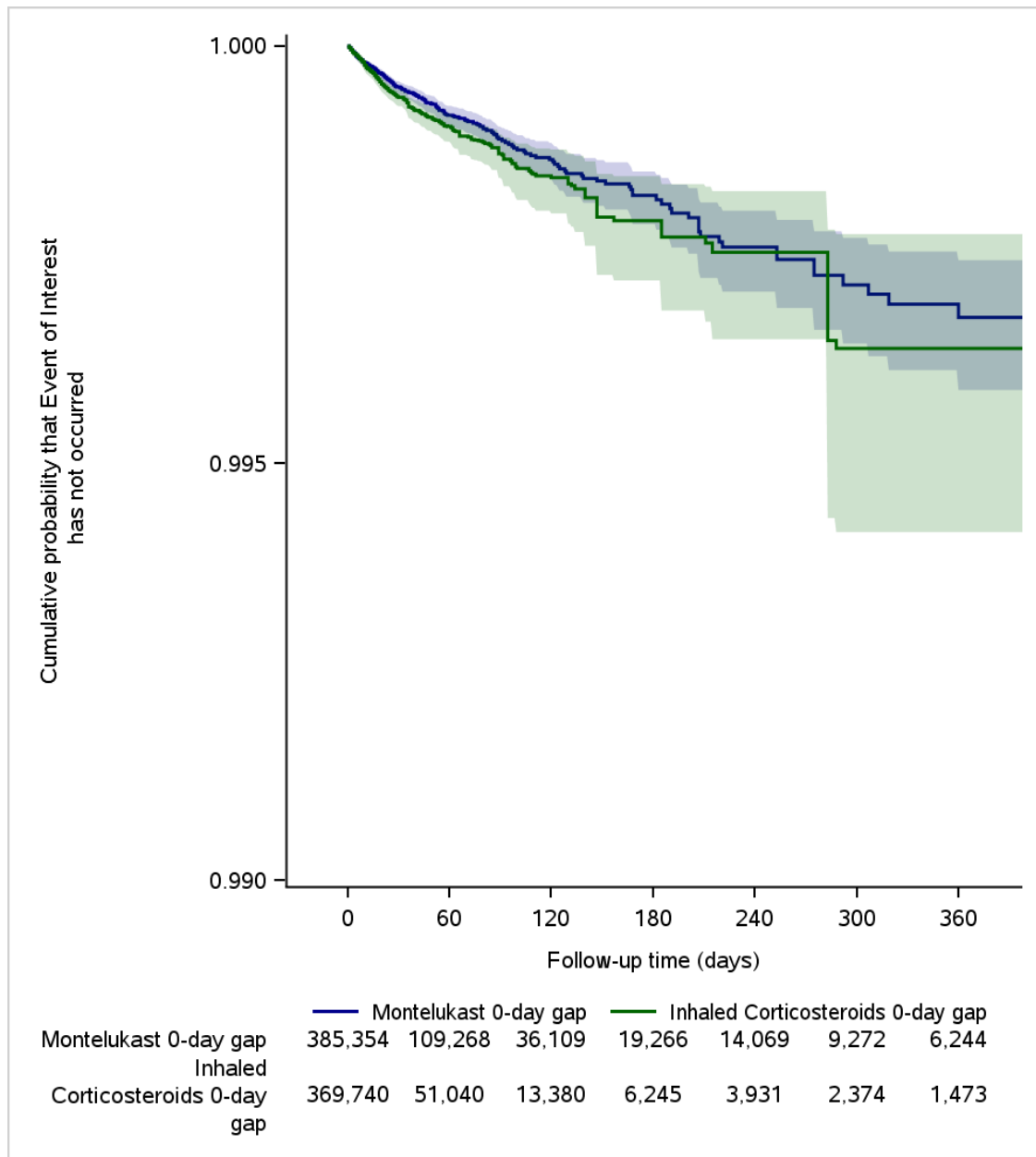
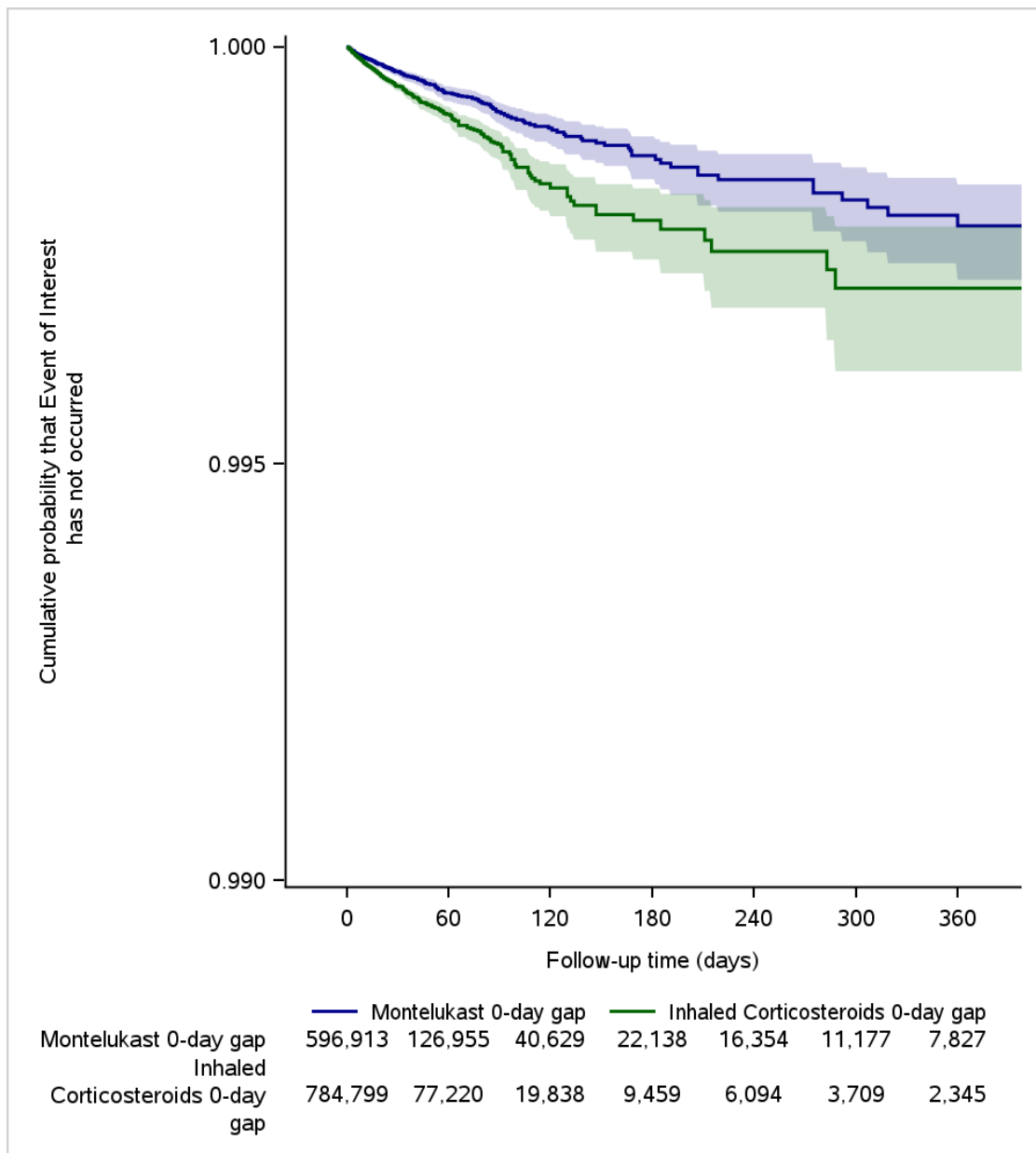
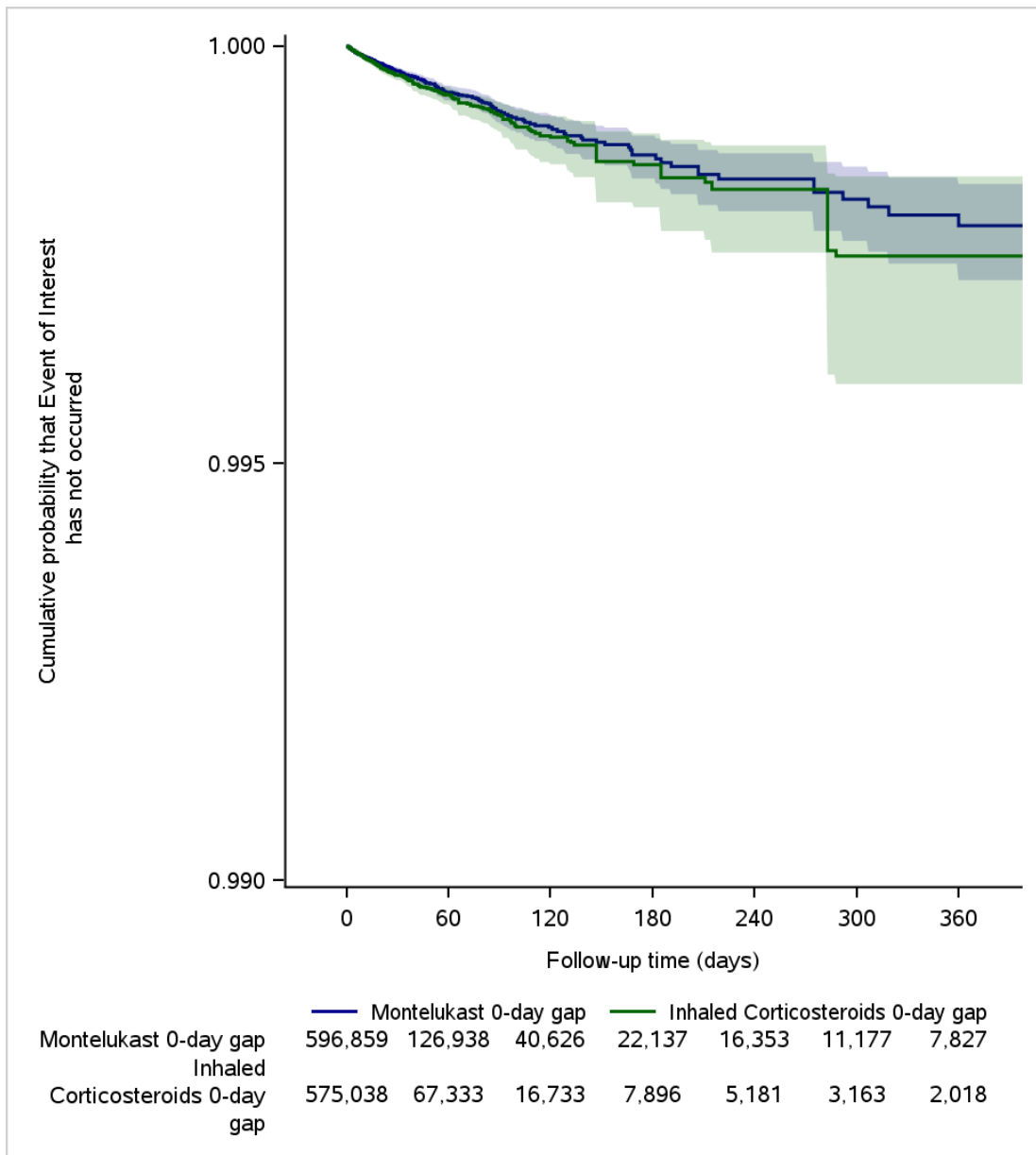


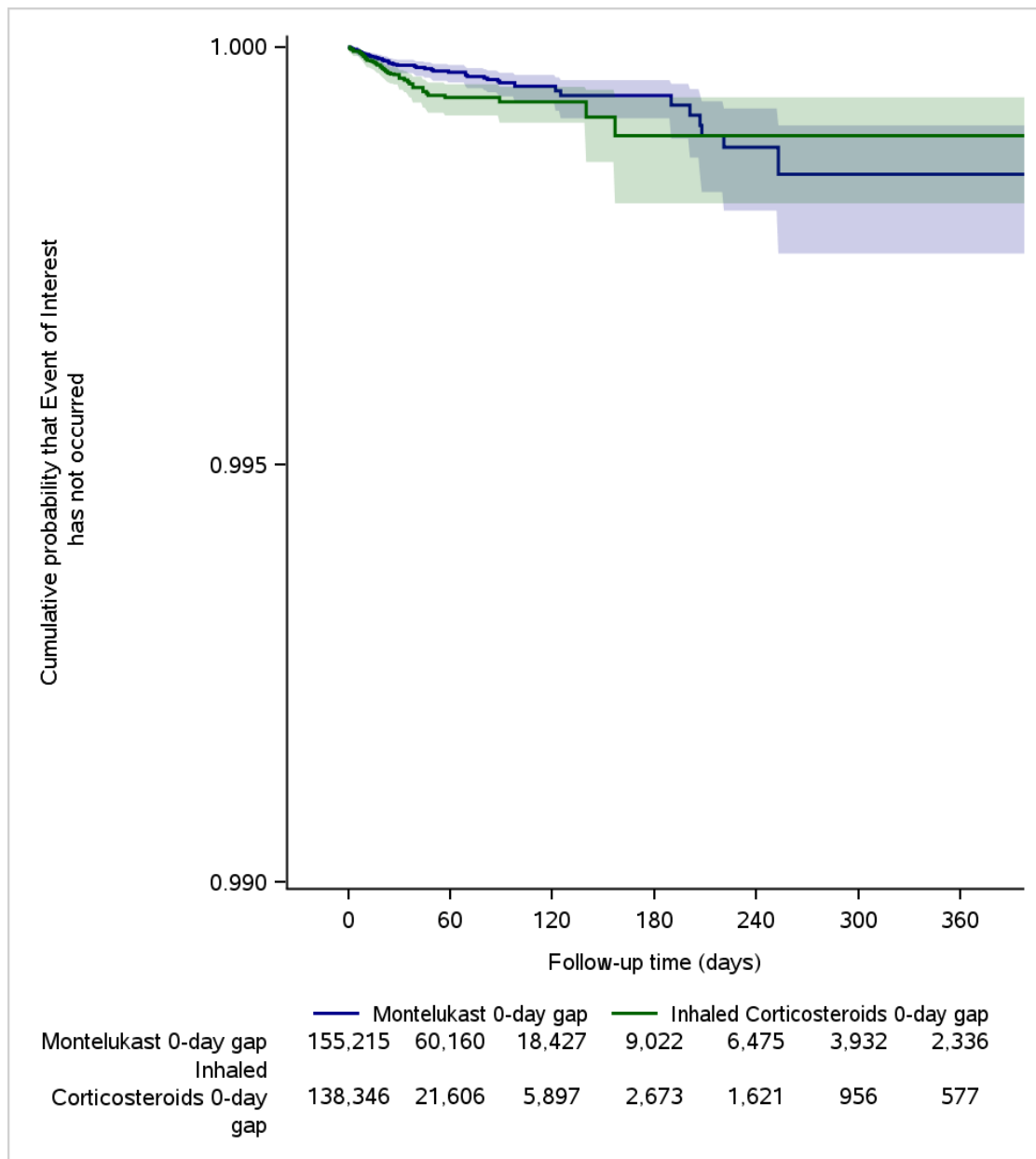
Figure 8q. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning



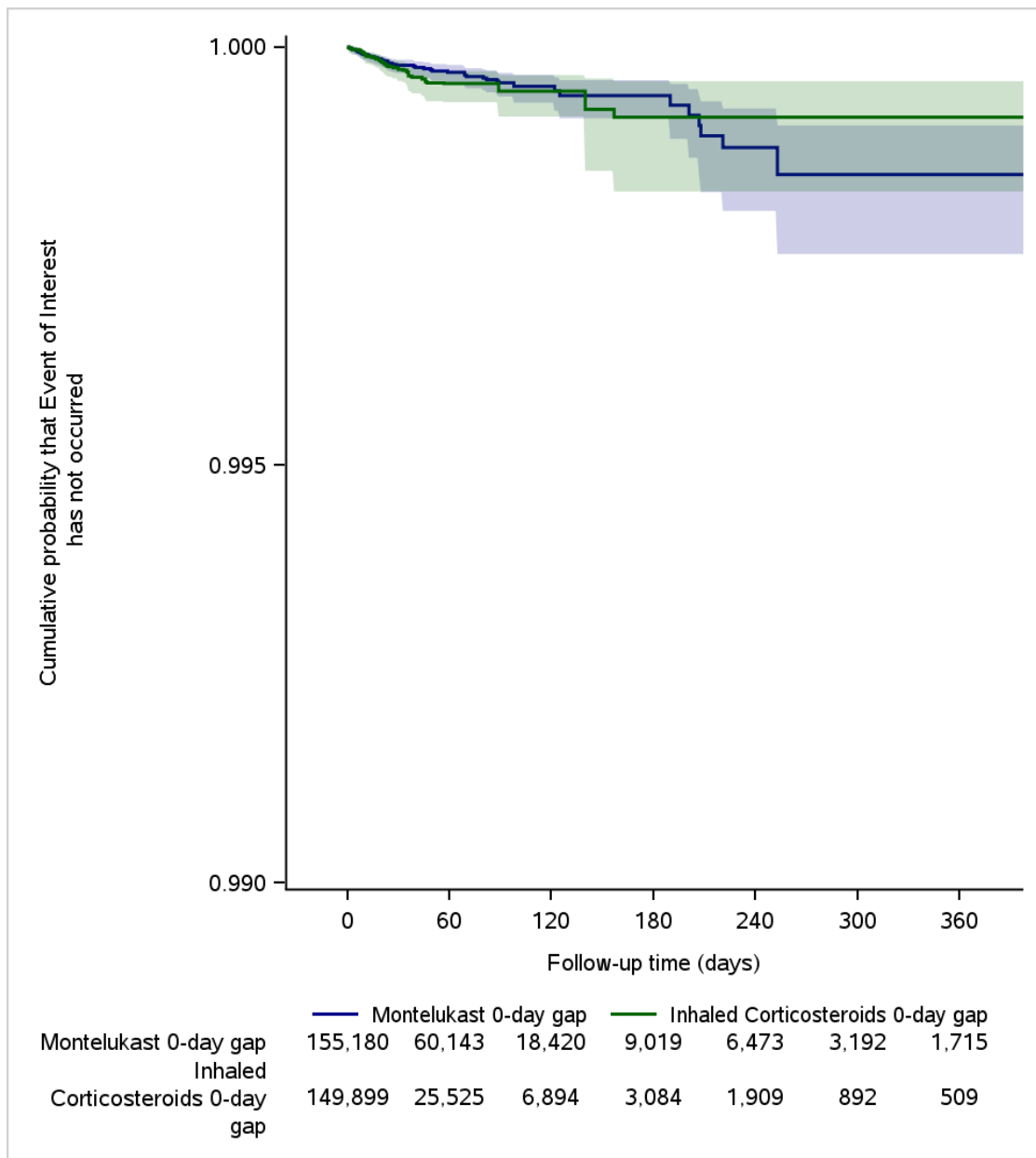
**Figure 8r. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**



**Figure 8s. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

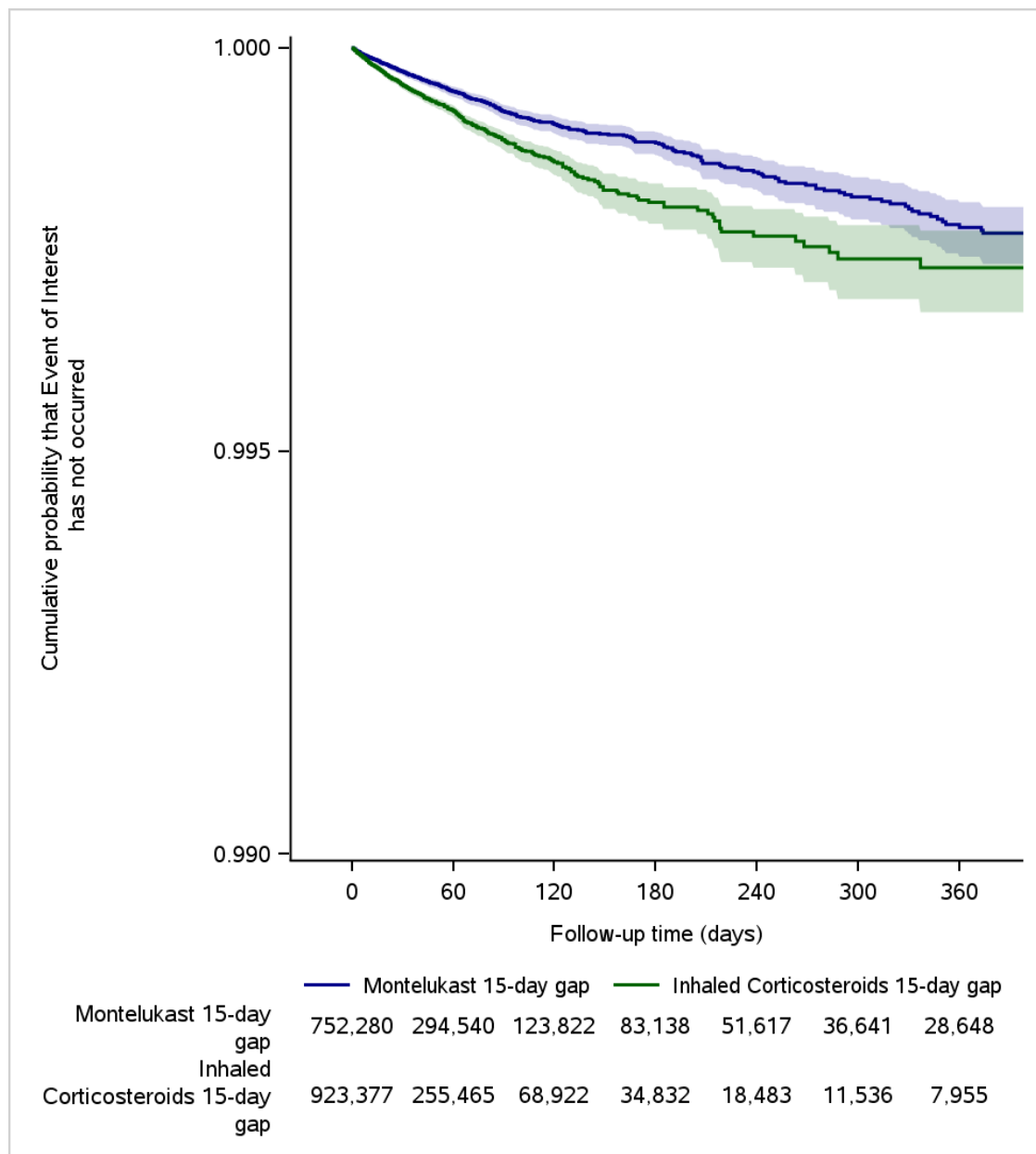


**Figure 8t. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 0-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**





**Figure 9a. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**



**Figure 9b. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022**

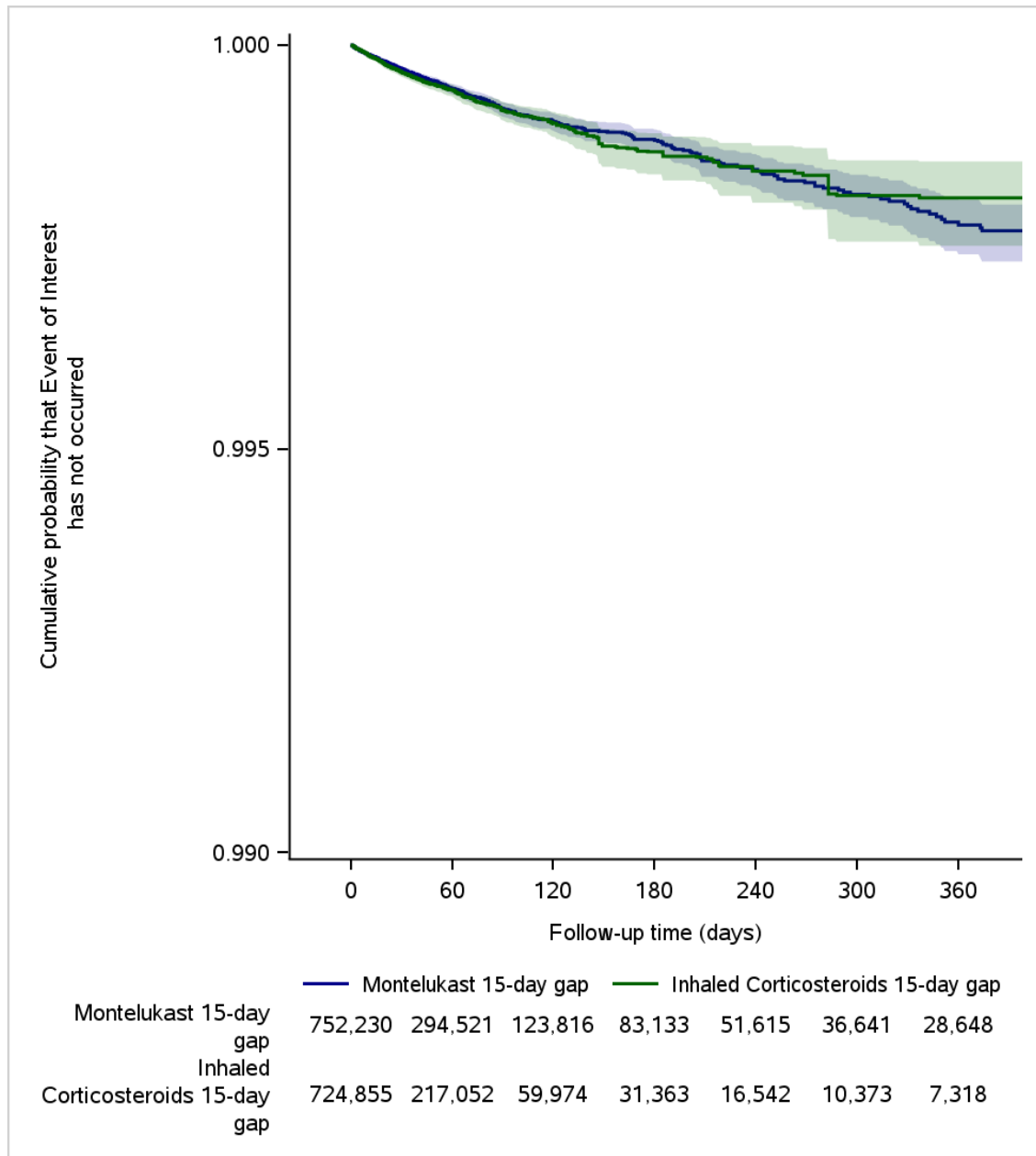


Figure 9c. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female

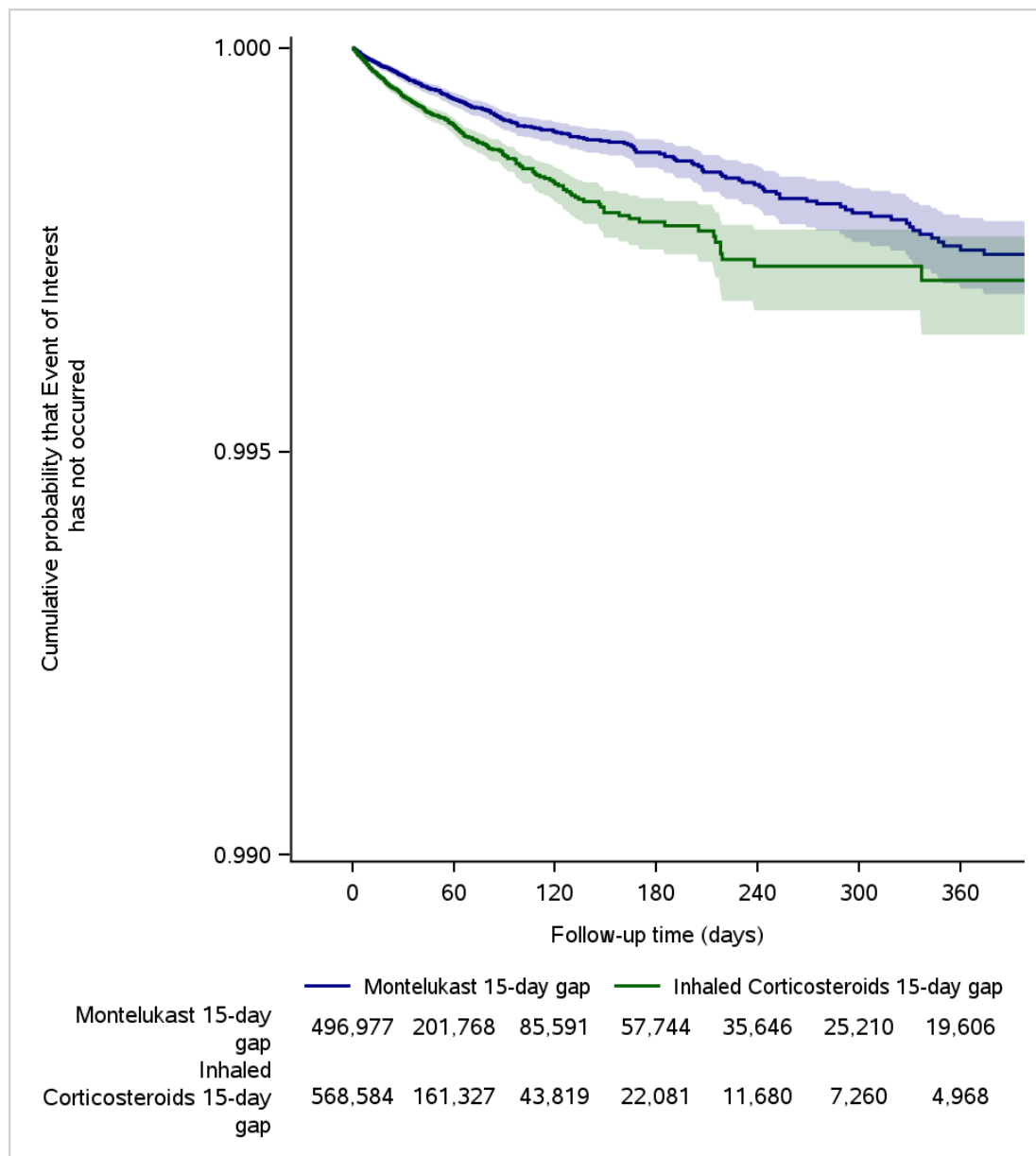
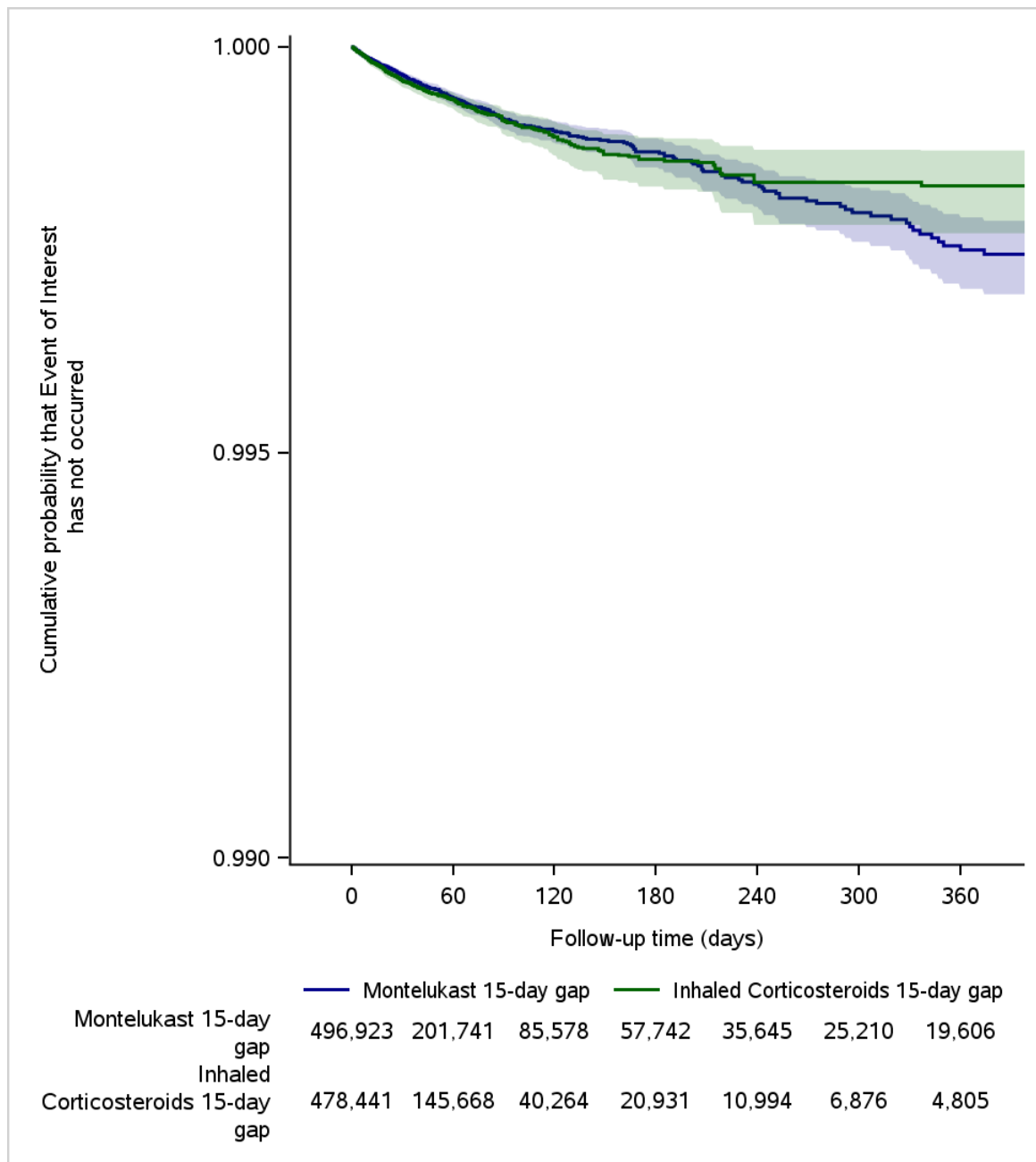


Figure 9d. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Female



**Figure 9e. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male**

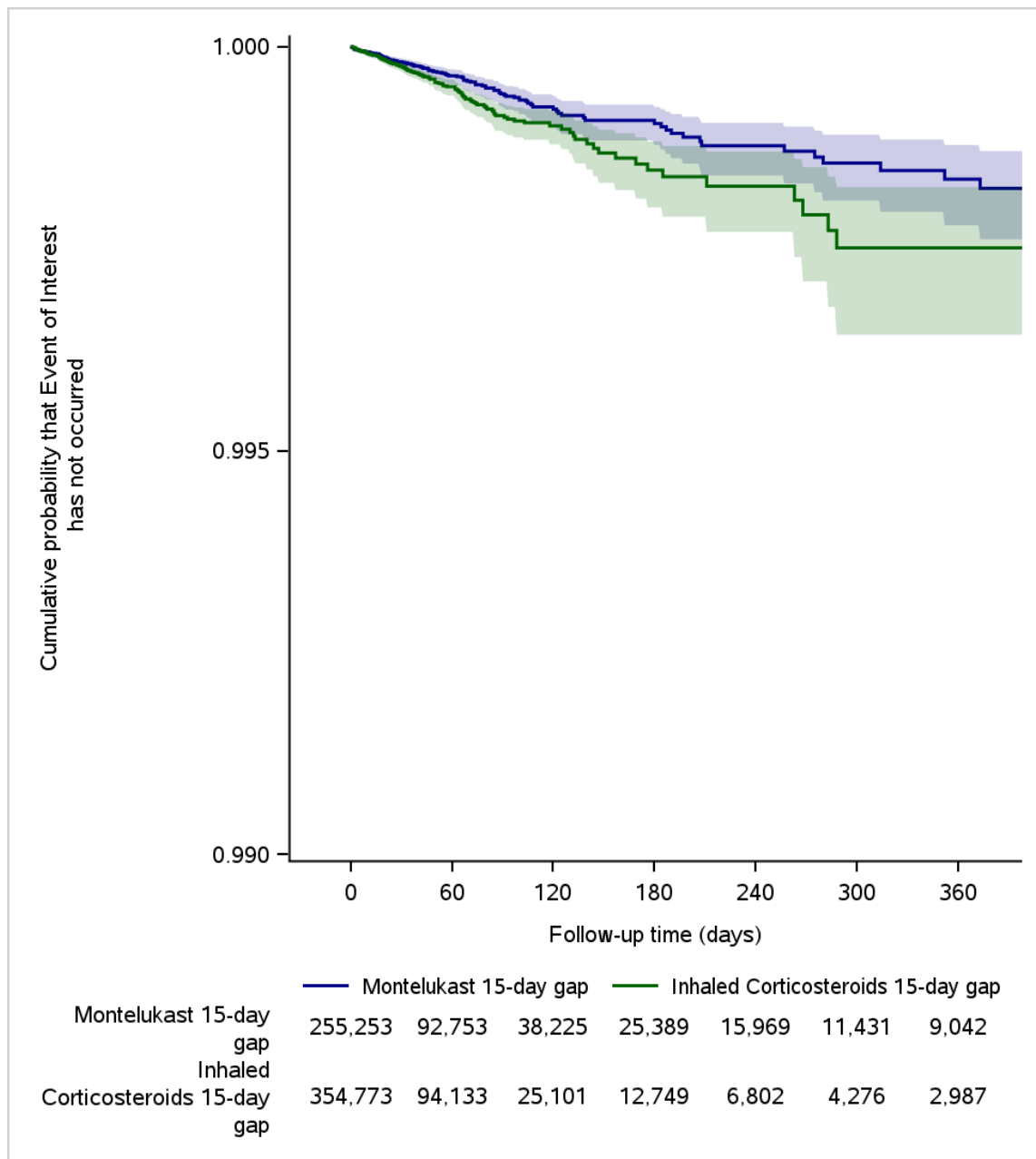
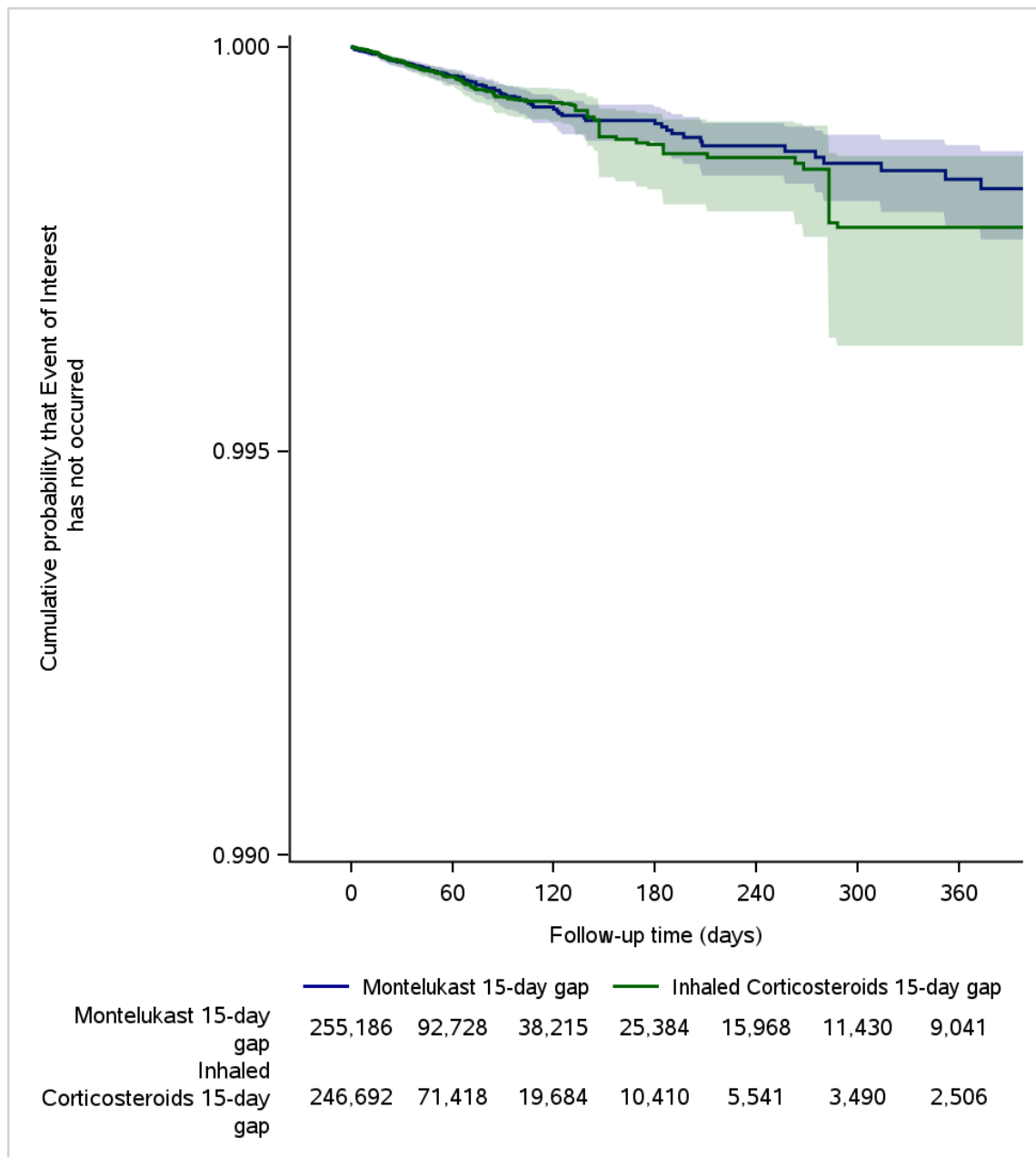


Figure 9f. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Sex: Male



**Figure 9g. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years**

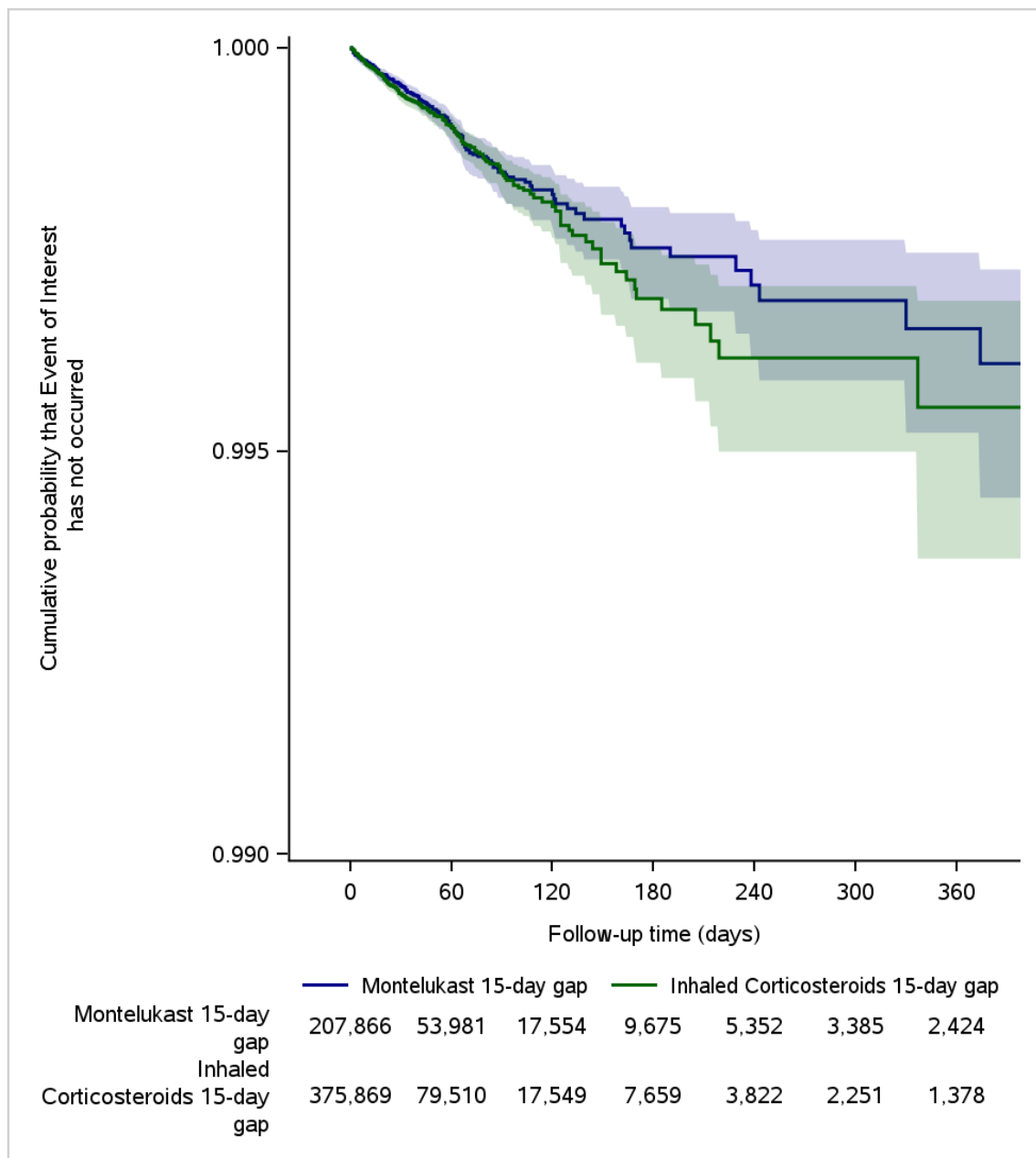
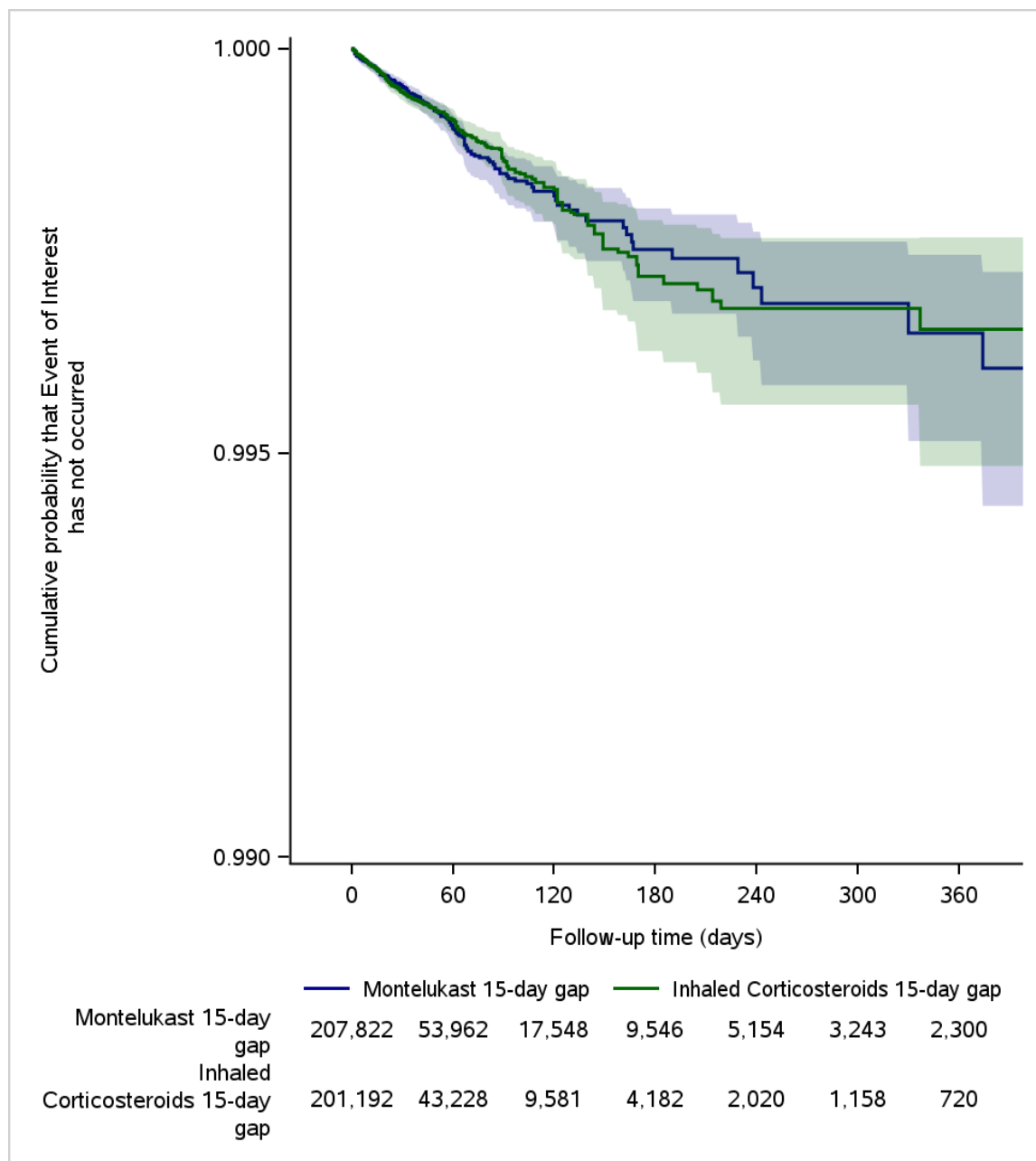


Figure 9h. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 10-24 years





**Figure 9i. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years**

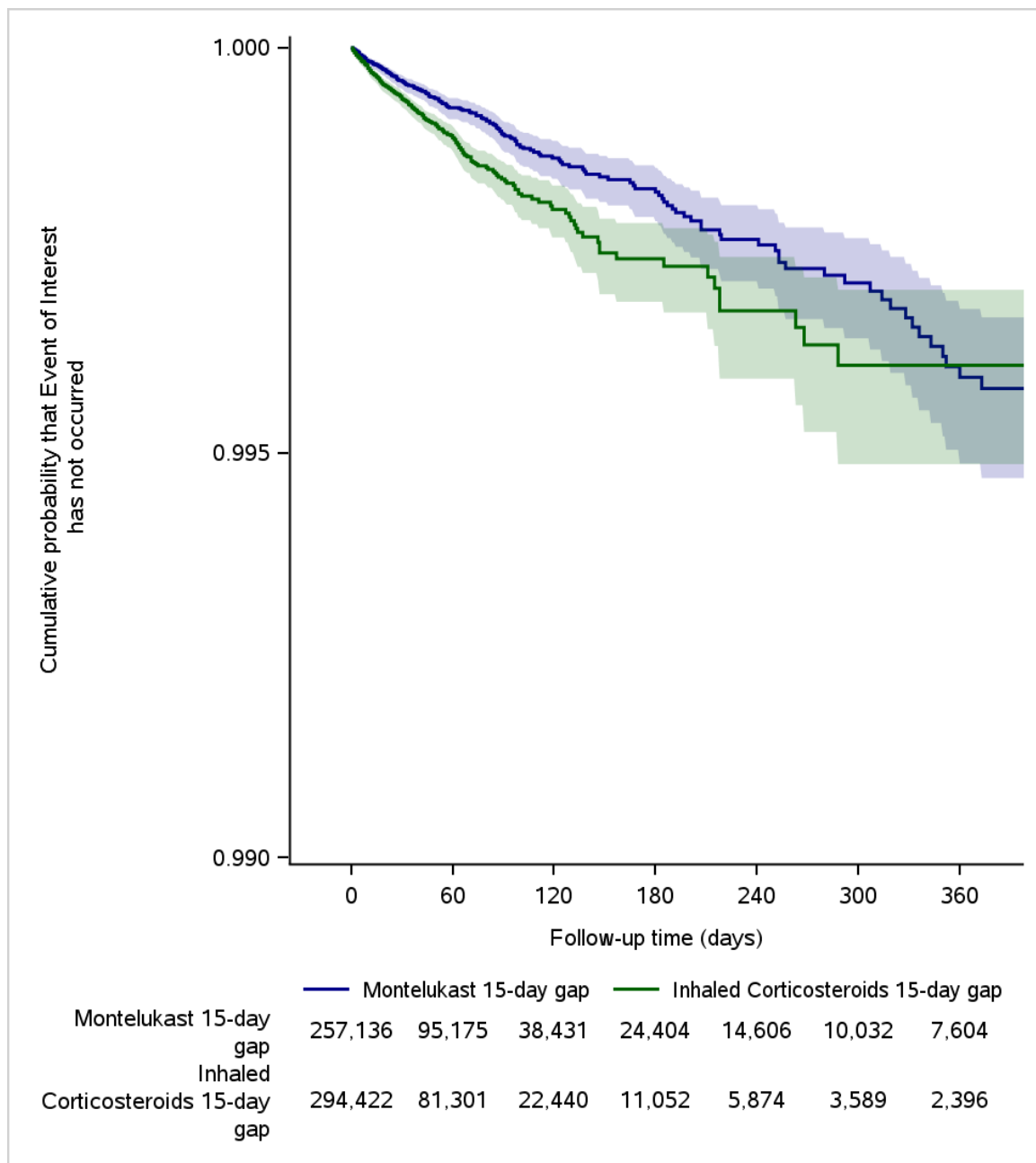


Figure 9j. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group: 25-54 years

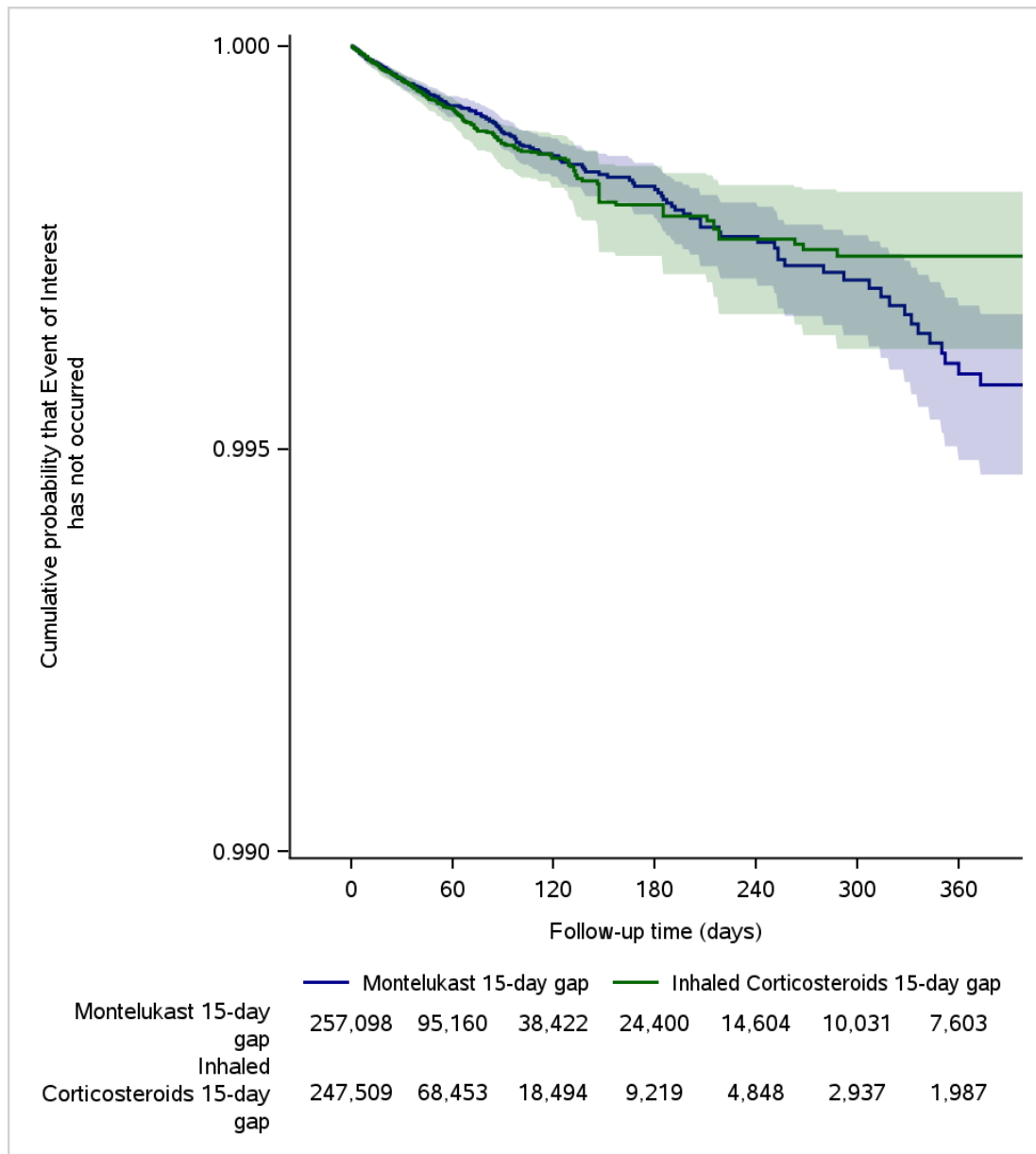


Figure 9k. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years

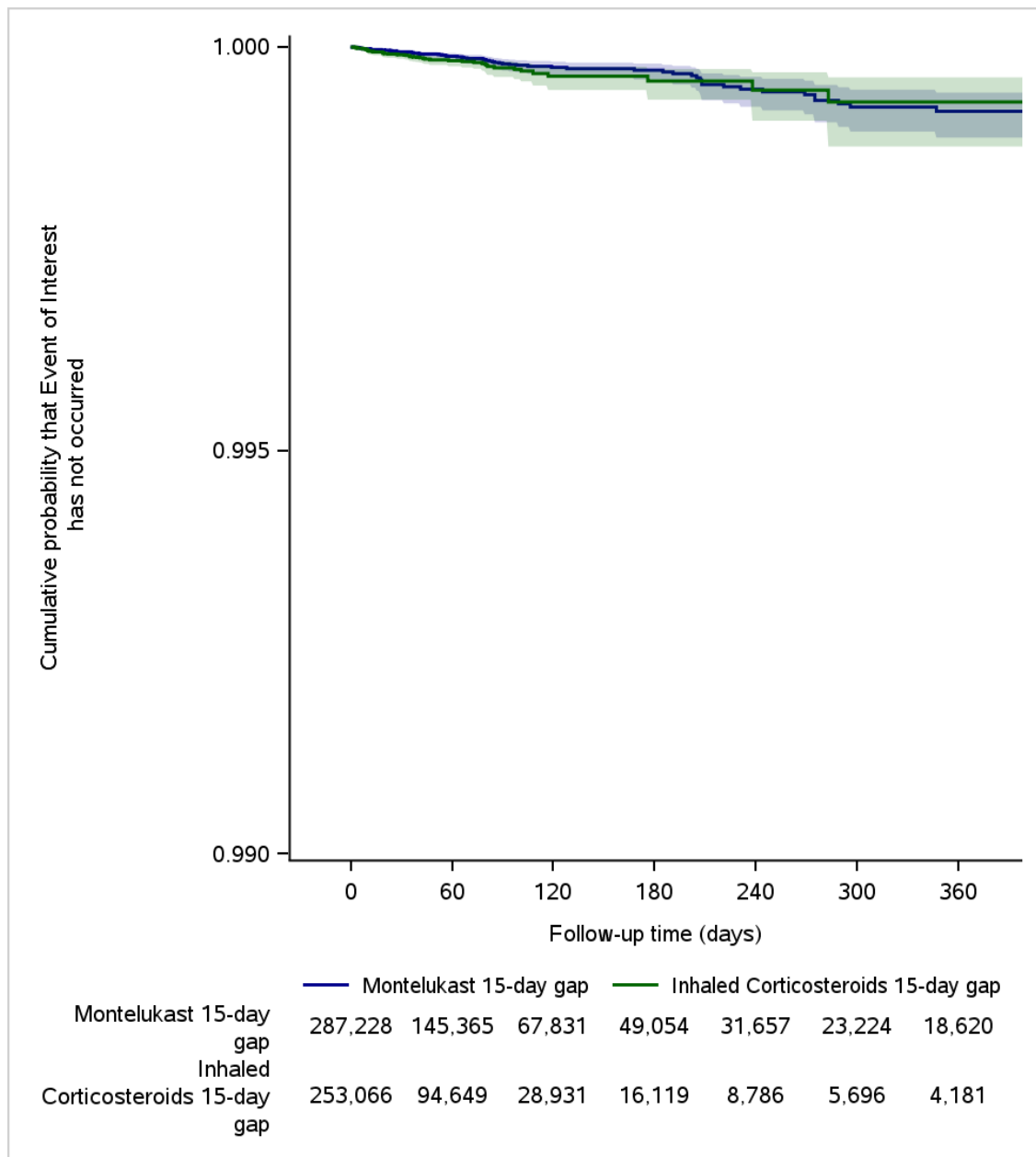


Figure 9I. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Age Group:  $\geq 55$  years

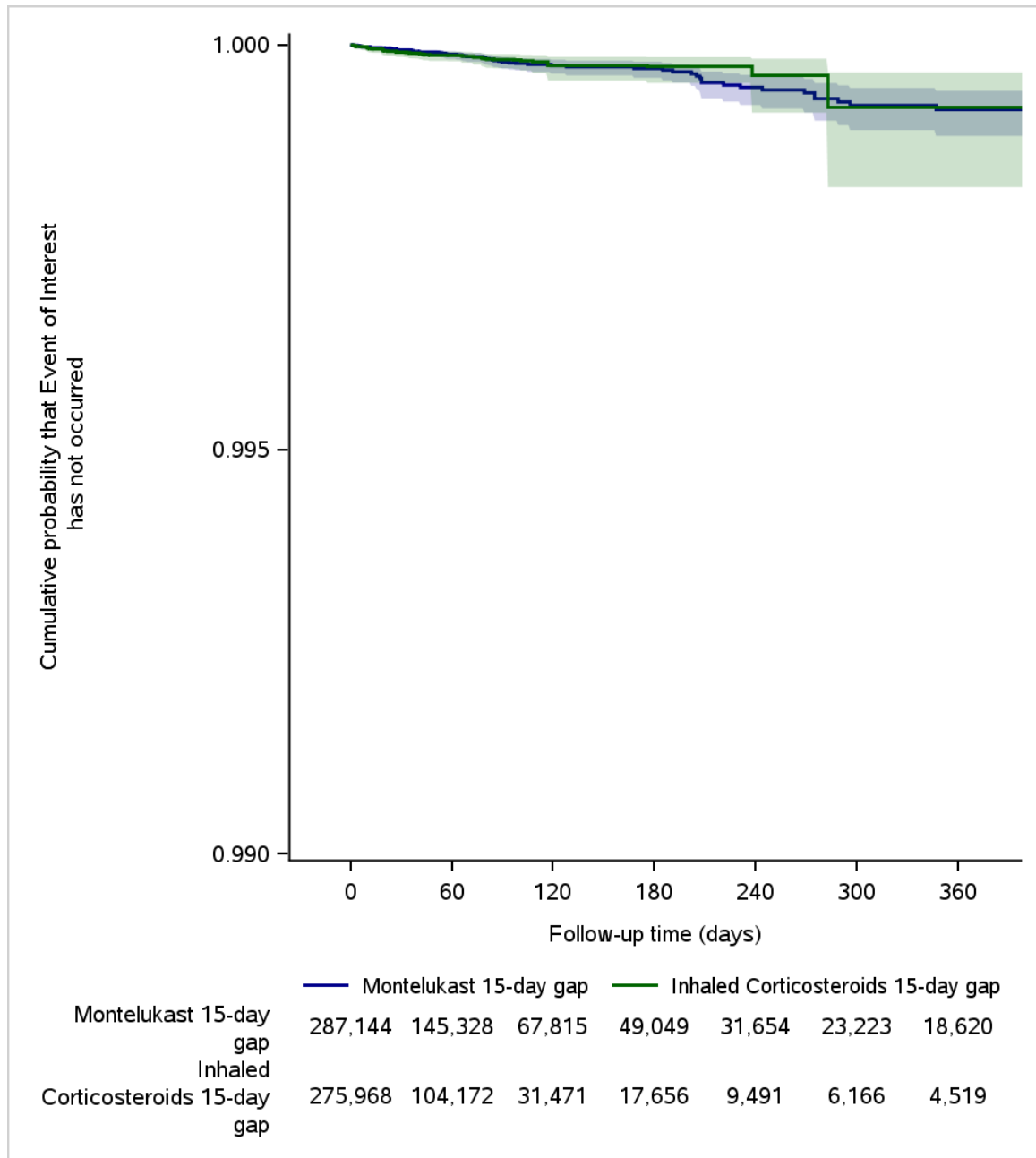


Figure 9m. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History

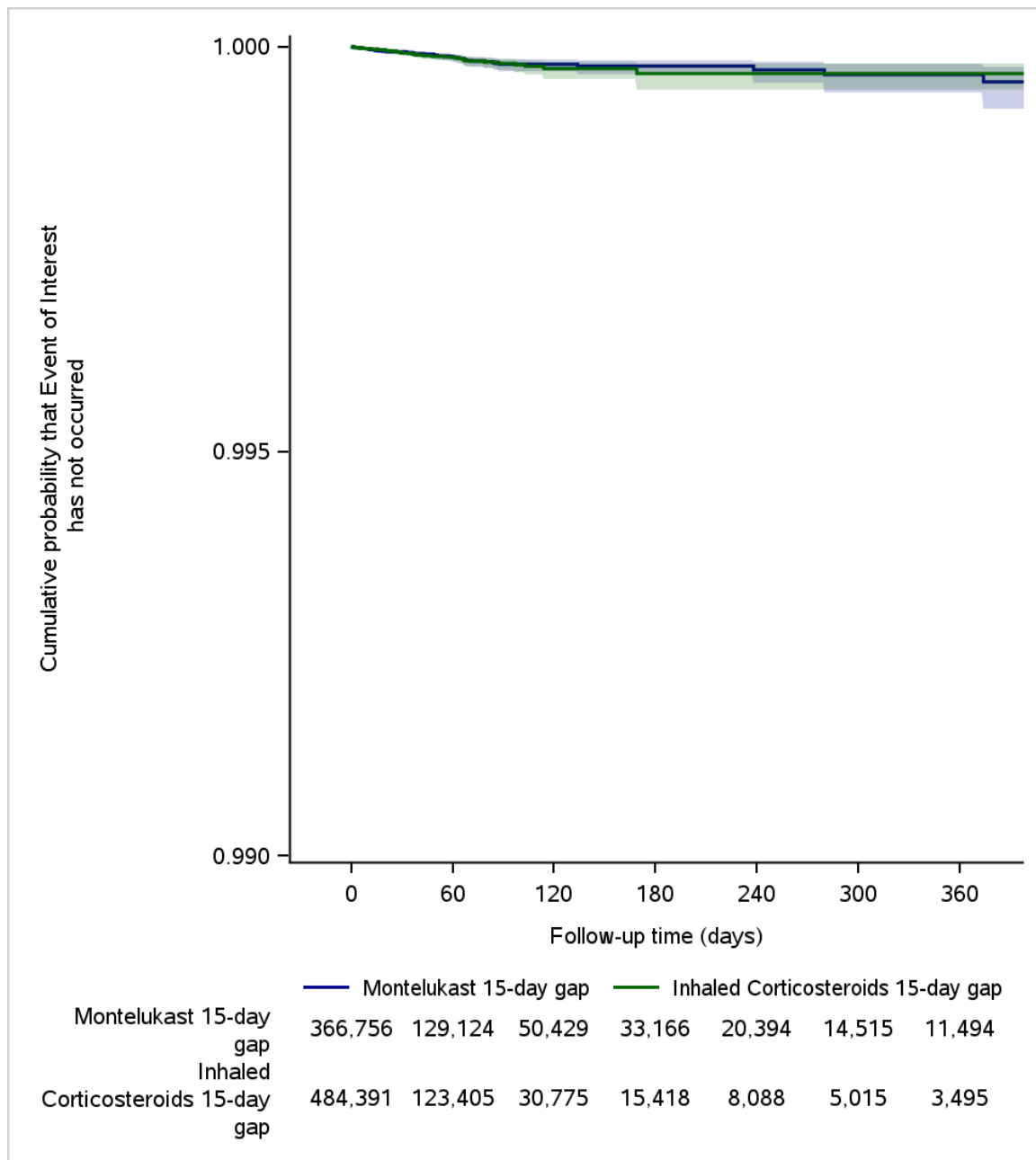
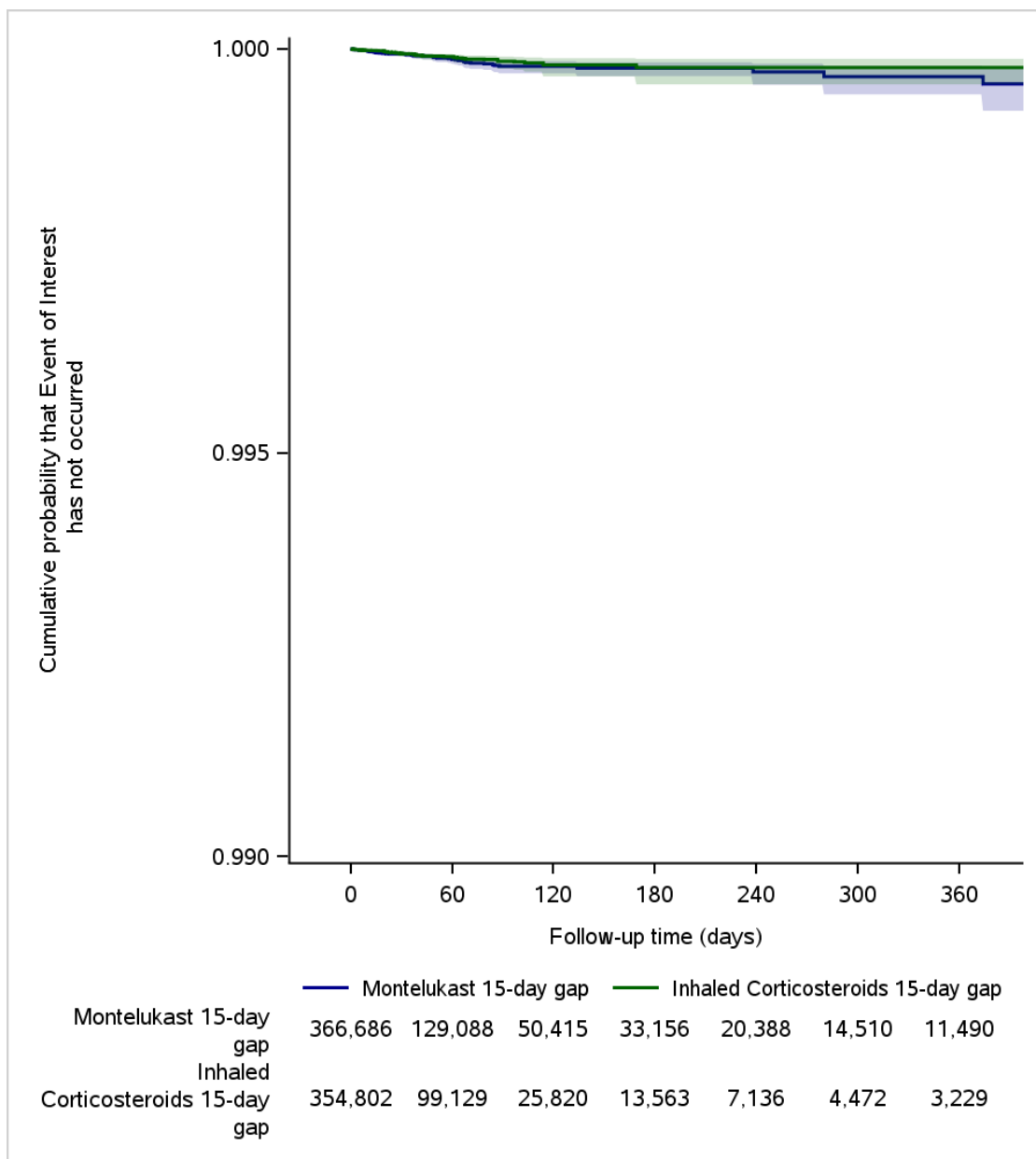


Figure 9n. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, No Psychiatric History



**Figure 9o. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History**

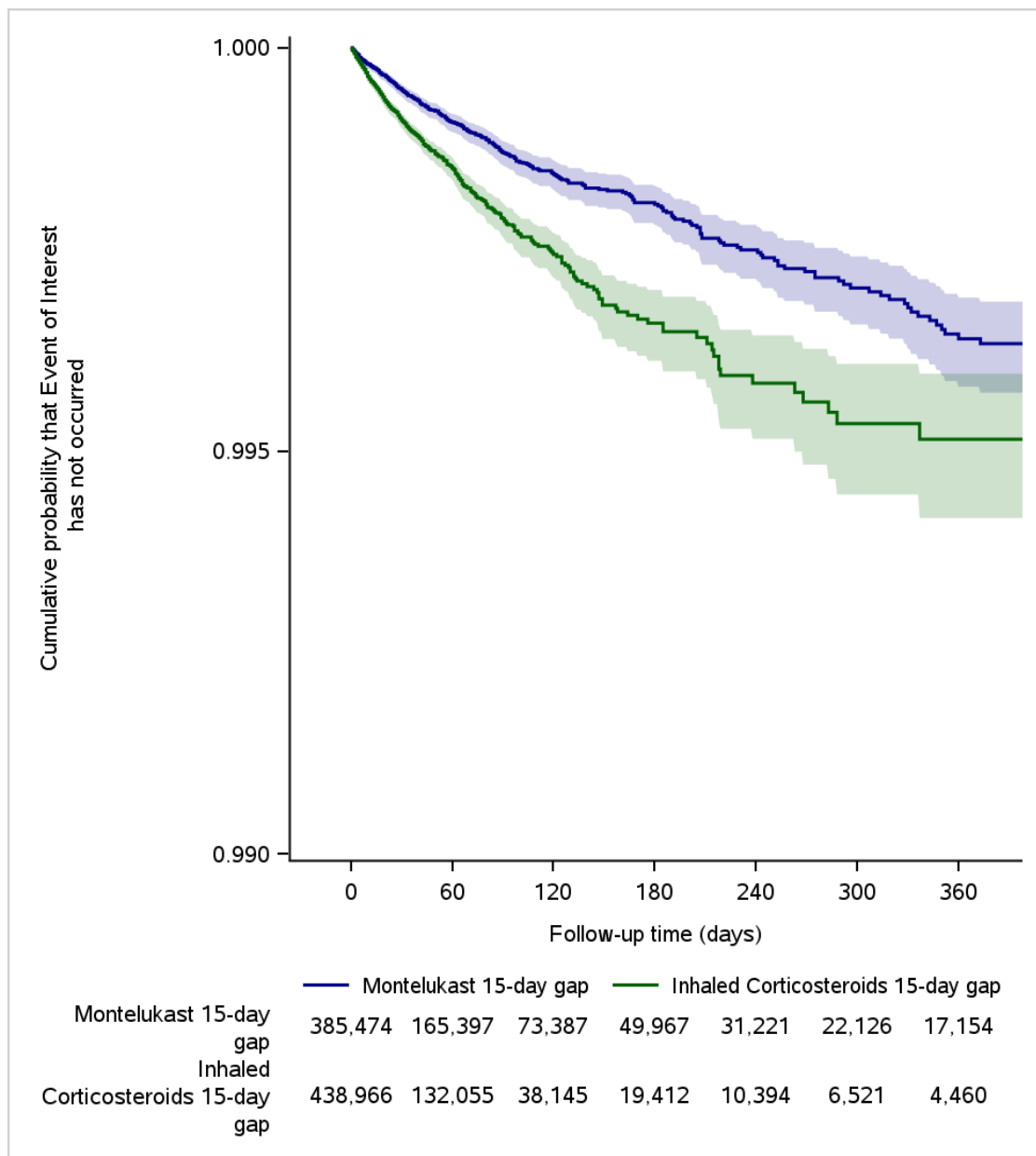
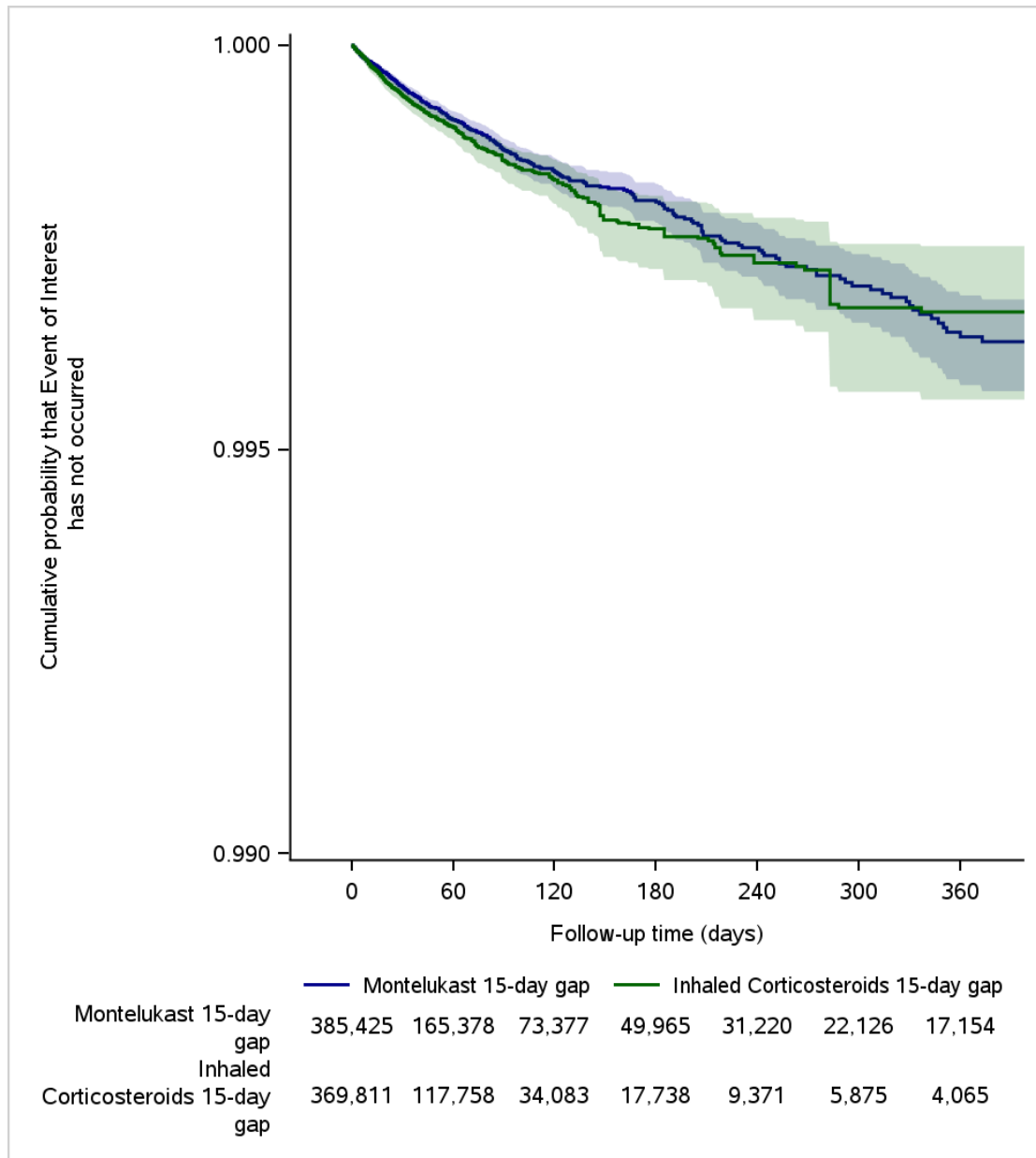
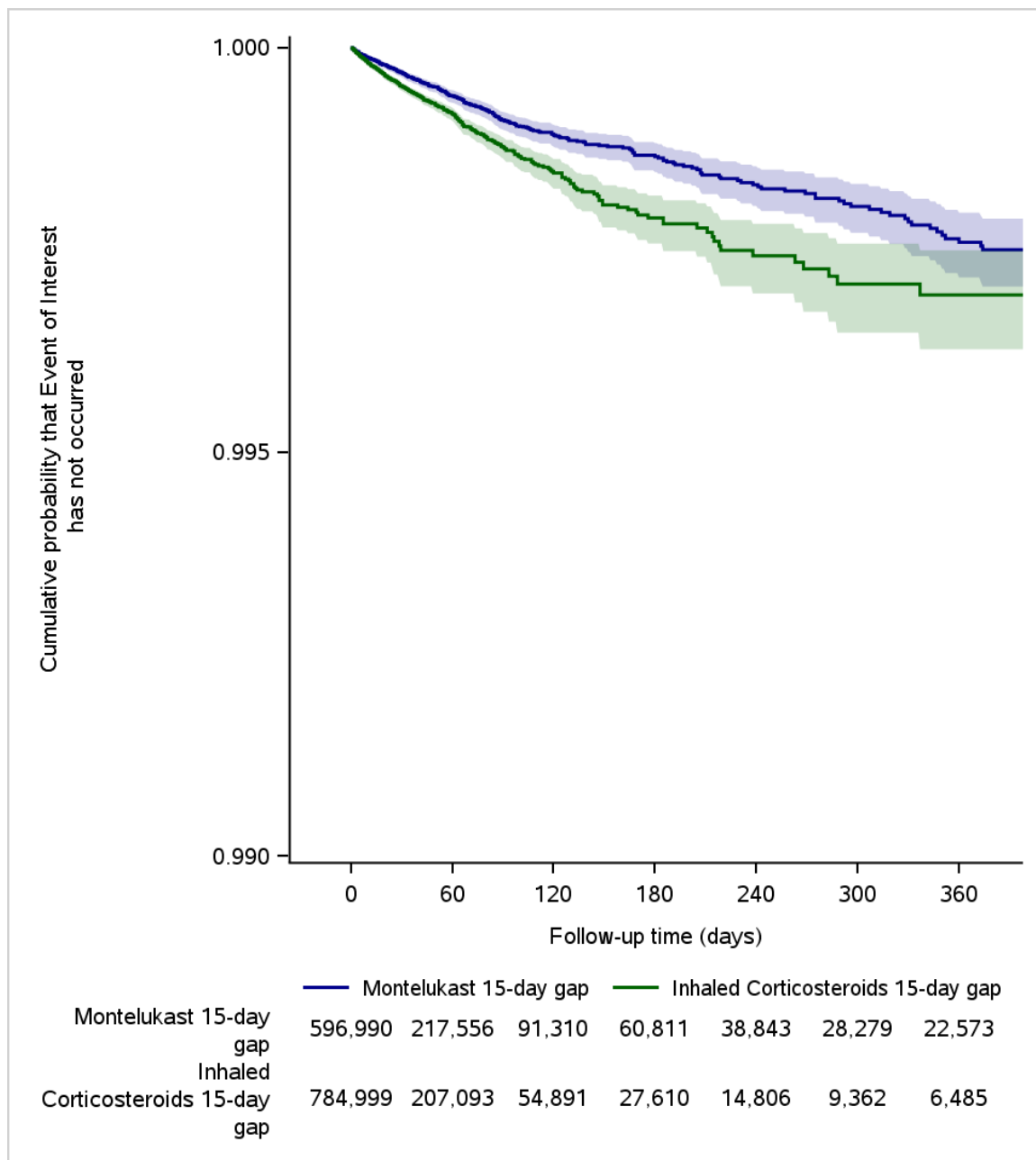


Figure 9p. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Psychiatric History

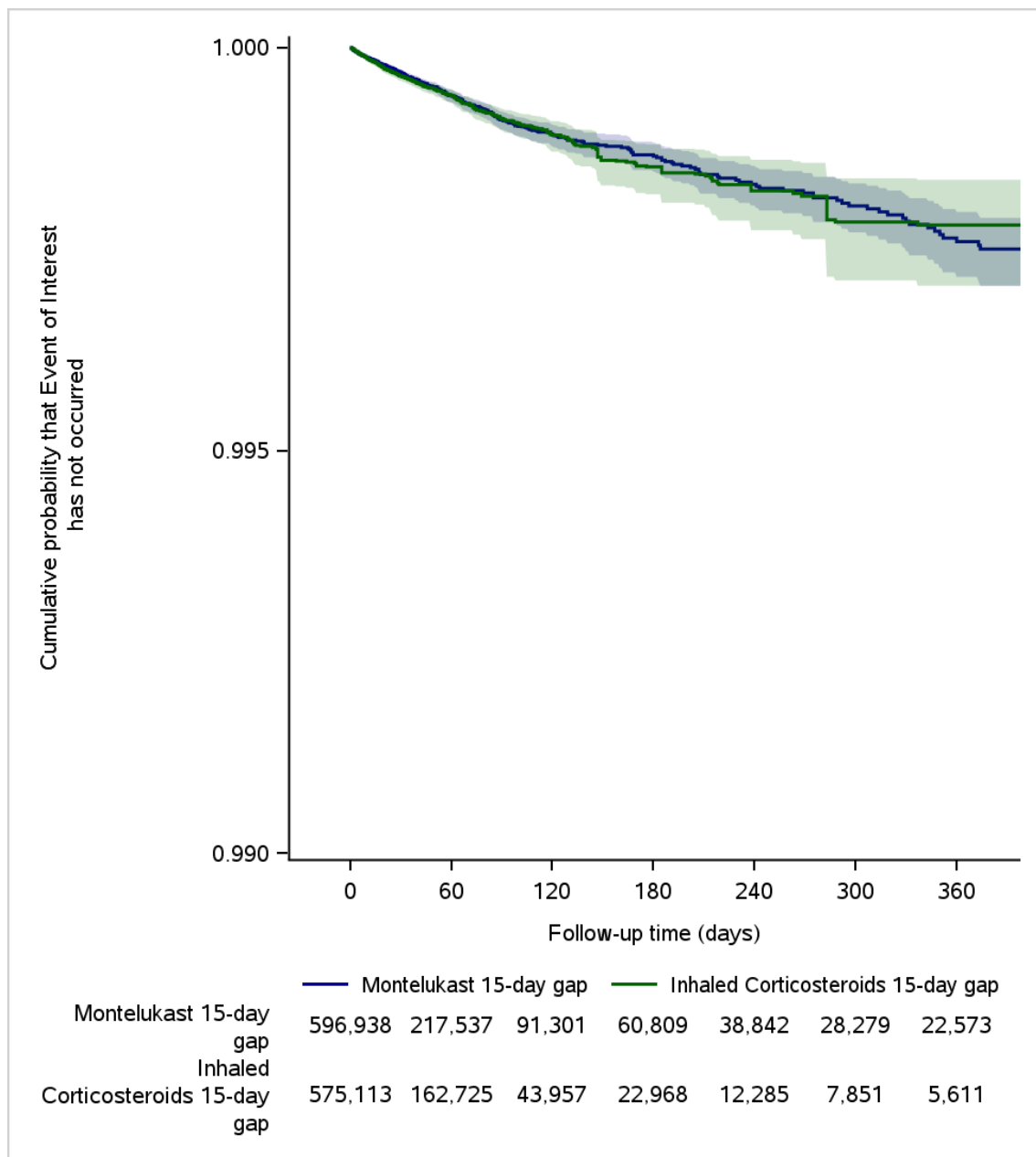




**Figure 9q. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**



**Figure 9r. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Pre-boxed Warning**



**Figure 9s. Aggregated Unadjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Whole Population in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning**

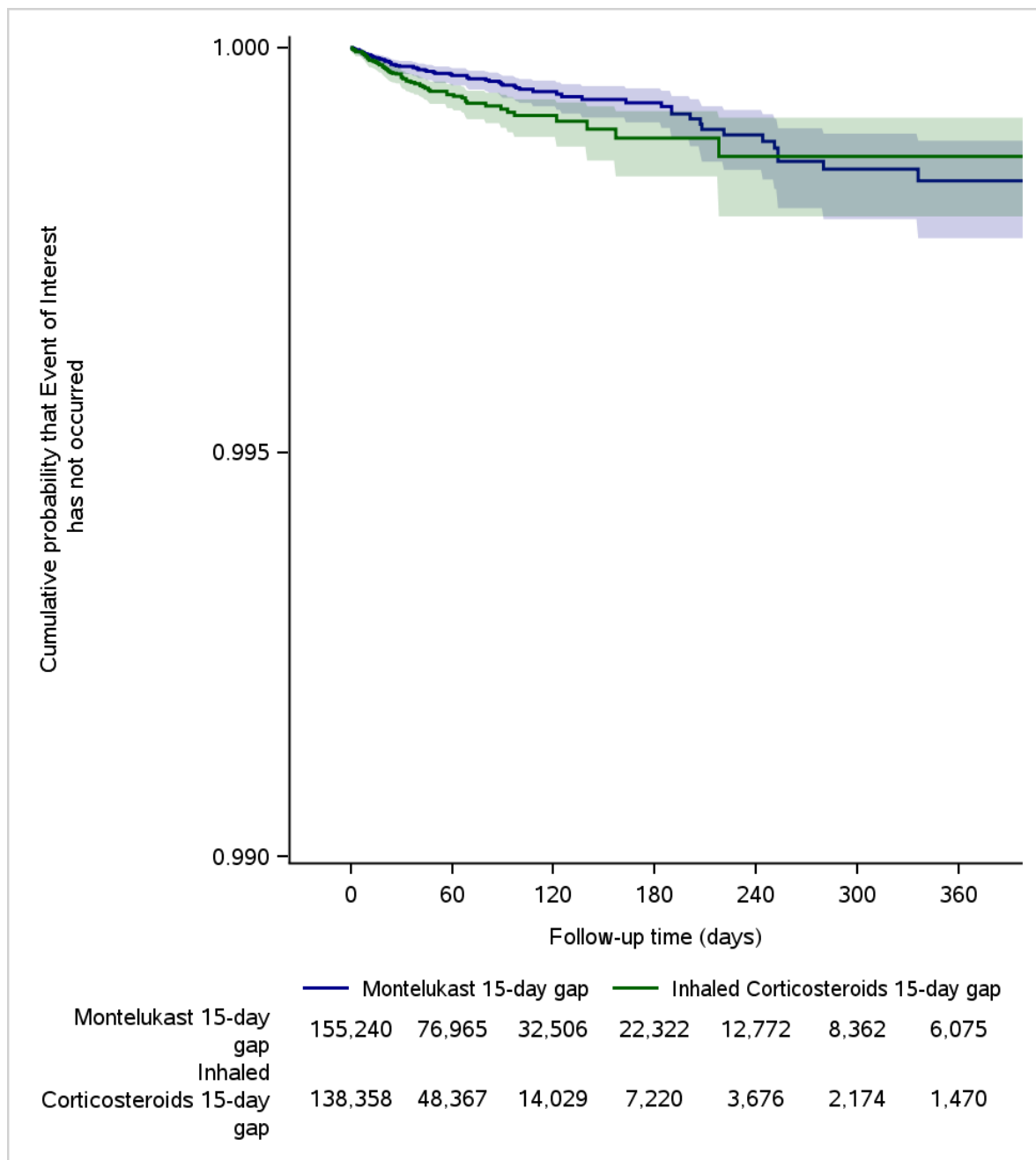
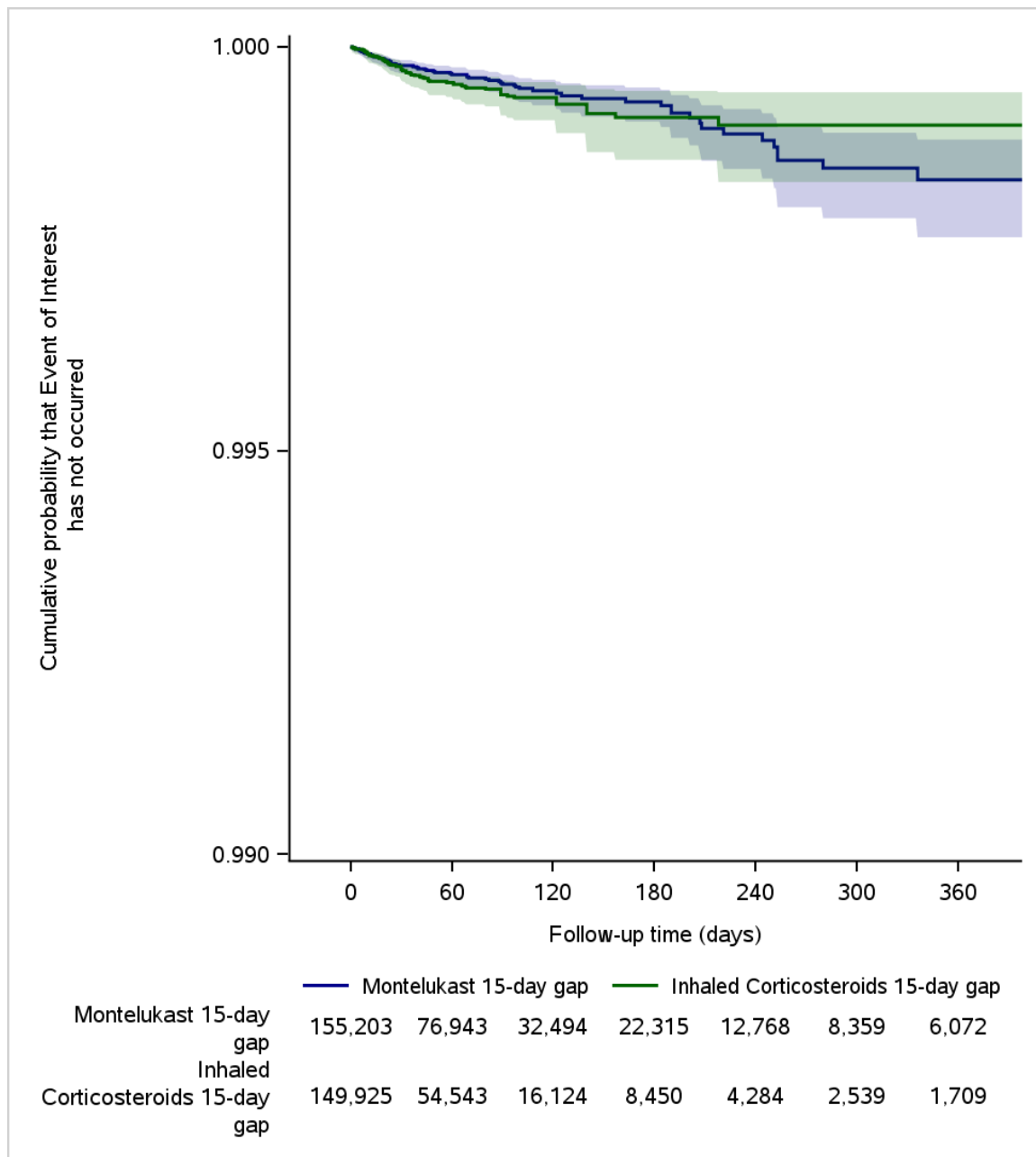


Figure 9t. Aggregated Adjusted Kaplan-Meier Estimate and 95% Confidence Interval of Event of Interest Not Occurring Among Intentional Self Harm All Settings Truncation Weight = 2.5, 15-day Gap and Extension from the Weighted Population after Intentional Self Harm All Settings 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, Post-boxed Warning



**Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (December 21, 2022)**

DP ID	DP Start Date	DP End Date <sup>1</sup>
DP01	01/01/2006	06/30/2022
DP02	01/01/2007	01/31/2022
DP03	01/01/2008	04/30/2022
DP04	01/01/2014	12/31/2018
DP05	01/01/2008	06/30/2022
DP06	01/01/2010	03/31/2022

<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.

**Appendix B. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022,  
by Data Partner (DP), Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
Aggregated	1,675,587	0.239	3.482	0.882	0.392
DP01	289,671	0.386	2.292	0.982	0.377
DP02	59,948	0.594	3.482	1.206	0.581
DP03	180,018	0.335	2.059	0.919	0.357
DP04	593,493	0.239	1.128	0.657	0.308
DP05	137,116	0.337	2.290	0.961	0.388
DP06	415,341	0.363	2.923	1.043	0.481

**Appendix C. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022,  
by Data Partner (DP), Sex, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,587	0.239	3.482	0.882	0.392
DP01	289,671	0.386	2.292	0.982	0.377
DP02	59,948	0.594	3.482	1.206	0.581
DP03	180,018	0.335	2.059	0.919	0.357
DP04	593,493	0.239	1.128	0.657	0.308
DP05	137,116	0.337	2.290	0.961	0.388
DP06	415,341	0.363	2.923	1.043	0.481
<b>Sex: Female</b>					
Aggregated	1,065,491	0.246	3.622	0.915	0.410
DP01	178,881	0.422	2.461	1.019	0.399
DP02	43,279	0.639	3.622	1.228	0.610
DP03	107,647	0.359	2.224	0.955	0.375
DP04	346,420	0.246	1.167	0.666	0.309
DP05	85,620	0.375	2.486	1.005	0.413
DP06	303,644	0.376	2.959	1.056	0.485
<b>Sex: Male</b>					
Aggregated	609,940	0.218	3.192	0.823	0.362
DP01	110,781	0.351	2.019	0.924	0.344
DP02	16,618	0.502	3.192	1.149	0.520
DP03	72,342	0.312	1.818	0.868	0.333
DP04	247,062	0.218	1.097	0.645	0.309
DP05	51,475	0.304	1.944	0.889	0.347
DP06	111,662	0.332	2.830	1.009	0.469

**Appendix D. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022,  
by Data Partner (DP), Age Group, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,587	0.239	3.482	0.882	0.392
DP01	289,671	0.386	2.292	0.982	0.377
DP02	59,948	0.594	3.482	1.206	0.581
DP03	180,018	0.335	2.059	0.919	0.357
DP04	593,493	0.239	1.128	0.657	0.308
DP05	137,116	0.337	2.290	0.961	0.388
DP06	415,341	0.363	2.923	1.043	0.481
<b>Age Group: 10-24 years</b>					
Aggregated	583,661	0.190	2.542	0.701	0.327
DP01	96,753	0.232	1.775	0.810	0.356
DP02	4,828	0.257	2.542	0.955	0.438
DP03	63,343	0.213	1.595	0.762	0.346
DP04	374,042	0.220	1.157	0.653	0.312
DP05	41,441	0.190	1.535	0.737	0.348
DP06	3,254	0.286	2.131	0.918	0.365
<b>Age Group: 25-54 years</b>					
Aggregated	551,500	0.231	3.974	0.915	0.404
DP01	129,388	0.546	2.763	1.094	0.442
DP02	13,478	0.744	3.974	1.301	0.703
DP03	90,932	0.465	2.425	1.018	0.396
DP04	187,358	0.231	1.229	0.667	0.316
DP05	59,642	0.499	2.656	1.058	0.432
DP06	70,702	0.255	2.504	0.917	0.443
<b>Age Group: ≥ 55 years</b>					
Aggregated	540,190	0.195	3.633	1.042	0.465
DP01	63,507	0.436	2.336	1.016	0.367
DP02	41,543	0.566	3.633	1.205	0.606
DP03	25,703	0.423	2.159	0.967	0.345
DP04	32,073	0.195	1.181	0.638	0.324
DP05	36,008	0.462	2.713	1.065	0.431
DP06	341,356	0.400	2.962	1.069	0.483



**Appendix E. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30,  
2022, by Data Partner (DP), Psychiatric History, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,587	0.239	3.482	0.882	0.392
DP01	289,671	0.386	2.292	0.982	0.377
DP02	59,948	0.594	3.482	1.206	0.581
DP03	180,018	0.335	2.059	0.919	0.357
DP04	593,493	0.239	1.128	0.657	0.308
DP05	137,116	0.337	2.290	0.961	0.388
DP06	415,341	0.363	2.923	1.043	0.481
<b>No Psychiatric History</b>					
Aggregated	851,056	0.243	3.378	0.848	0.360
DP01	162,051	0.374	2.118	0.950	0.354
DP02	23,613	0.574	3.378	1.189	0.556
DP03	104,329	0.322	1.936	0.892	0.344
DP04	342,985	0.243	1.159	0.664	0.307
DP05	77,304	0.327	2.151	0.932	0.369
DP06	140,774	0.397	2.738	1.042	0.443
<b>Psychiatric History</b>					
Aggregated	824,376	0.225	3.650	0.916	0.428
DP01	127,609	0.400	2.534	1.023	0.412
DP02	36,265	0.590	3.650	1.218	0.613
DP03	75,672	0.347	2.261	0.958	0.382
DP04	250,496	0.225	1.143	0.647	0.316
DP05	59,794	0.347	2.492	0.998	0.417
DP06	274,540	0.343	3.028	1.043	0.502

**Appendix F. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30,  
2022, by Data Partner (DP), Pre-/Post-Boxed Warning, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,587	0.239	3.482	0.882	0.392
DP01	289,671	0.386	2.292	0.982	0.377
DP02	59,948	0.594	3.482	1.206	0.581
DP03	180,018	0.335	2.059	0.919	0.357
DP04	593,493	0.239	1.128	0.657	0.308
DP05	137,116	0.337	2.290	0.961	0.388
DP06	415,341	0.363	2.923	1.043	0.481
<b>Pre-boxed warning</b>					
Aggregated	1,381,919	0.239	3.548	0.848	0.380
DP01	204,552	0.377	2.299	0.975	0.381
DP02	40,767	0.570	3.548	1.213	0.599
DP03	131,209	0.329	2.050	0.914	0.358
DP04	593,489	0.239	1.128	0.657	0.308
DP05	96,818	0.339	2.286	0.958	0.388
DP06	315,084	0.345	2.794	1.017	0.465
<b>Post-boxed warning</b>					
Aggregated	293,541	0.329	3.414	1.039	0.448
DP01	85,095	0.399	2.320	0.999	0.377
DP02	19,136	0.630	3.414	1.192	0.558
DP03	48,779	0.347	2.103	0.934	0.356
DP05	40,281	0.329	2.328	0.967	0.394
DP06	100,250	0.492	3.298	1.126	0.533

**Appendix G. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Data Partner (DP), Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
Aggregated	1,675,646	0.239	3.483	0.882	0.392
DP01	289,683	0.386	2.292	0.982	0.377
DP02	59,952	0.594	3.483	1.206	0.581
DP03	180,024	0.335	2.059	0.919	0.357
DP04	593,510	0.239	1.128	0.657	0.308
DP05	137,119	0.337	2.291	0.961	0.388
DP06	415,358	0.363	2.924	1.043	0.481

**Appendix H. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Data Partner (DP), Sex, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,646	0.239	3.483	0.882	0.392
DP01	289,683	0.386	2.292	0.982	0.377
DP02	59,952	0.594	3.483	1.206	0.581
DP03	180,024	0.335	2.059	0.919	0.357
DP04	593,510	0.239	1.128	0.657	0.308
DP05	137,119	0.337	2.291	0.961	0.388
DP06	415,358	0.363	2.924	1.043	0.481
<b>Sex: Female</b>					
Aggregated	1,065,561	0.245	3.616	0.915	0.410
DP01	178,890	0.422	2.461	1.019	0.399
DP02	43,320	0.640	3.616	1.228	0.609
DP03	107,656	0.359	2.223	0.955	0.375
DP04	346,426	0.245	1.167	0.666	0.309
DP05	85,622	0.375	2.487	1.005	0.413
DP06	303,647	0.376	2.960	1.056	0.486
<b>Sex: Male</b>					
Aggregated	609,960	0.218	3.192	0.823	0.362
DP01	110,783	0.351	2.019	0.924	0.344
DP02	16,618	0.502	3.192	1.149	0.520
DP03	72,349	0.312	1.817	0.868	0.333
DP04	247,066	0.218	1.097	0.645	0.309
DP05	51,475	0.304	1.944	0.889	0.347
DP06	111,669	0.332	2.831	1.009	0.469

**Appendix I. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Data Partner (DP), Age Group, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,646	0.239	3.483	0.882	0.392
DP01	289,683	0.386	2.292	0.982	0.377
DP02	59,952	0.594	3.483	1.206	0.581
DP03	180,024	0.335	2.059	0.919	0.357
DP04	593,510	0.239	1.128	0.657	0.308
DP05	137,119	0.337	2.291	0.961	0.388
DP06	415,358	0.363	2.924	1.043	0.481
<b>Age Group: 10-24 years</b>					
Aggregated	583,695	0.190	2.539	0.701	0.327
DP01	96,760	0.232	1.776	0.810	0.356
DP02	4,829	0.257	2.539	0.954	0.438
DP03	63,352	0.213	1.595	0.762	0.346
DP04	374,053	0.220	1.157	0.653	0.312
DP05	41,443	0.190	1.536	0.737	0.348
DP06	3,258	0.284	2.134	0.918	0.366
<b>Age Group: 25-54 years</b>					
Aggregated	551,511	0.231	3.967	0.915	0.404
DP01	129,395	0.546	2.762	1.094	0.442
DP02	13,487	0.747	3.967	1.300	0.701
DP03	90,935	0.465	2.426	1.018	0.396
DP04	187,344	0.231	1.230	0.667	0.316
DP05	59,644	0.500	2.657	1.058	0.432
DP06	70,706	0.255	2.508	0.917	0.443
<b>Age Group: ≥ 55 years</b>					
Aggregated	540,203	0.195	3.633	1.042	0.465
DP01	63,507	0.436	2.336	1.016	0.367
DP02	41,543	0.567	3.633	1.205	0.606
DP03	25,708	0.424	2.158	0.967	0.345
DP04	32,073	0.195	1.181	0.638	0.324
DP05	36,009	0.462	2.714	1.066	0.431
DP06	341,363	0.400	2.963	1.069	0.484

**Appendix J. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Data Partner (DP), Psychiatric History, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,646	0.239	3.483	0.882	0.392
DP01	289,683	0.386	2.292	0.982	0.377
DP02	59,952	0.594	3.483	1.206	0.581
DP03	180,024	0.335	2.059	0.919	0.357
DP04	593,510	0.239	1.128	0.657	0.308
DP05	137,119	0.337	2.291	0.961	0.388
DP06	415,358	0.363	2.924	1.043	0.481
<b>No Psychiatric History</b>					
Aggregated	851,052	0.243	3.378	0.848	0.360
DP01	162,050	0.374	2.118	0.950	0.354
DP02	23,613	0.574	3.378	1.189	0.556
DP03	104,329	0.322	1.936	0.892	0.344
DP04	342,983	0.243	1.159	0.664	0.307
DP05	77,304	0.327	2.151	0.932	0.369
DP06	140,773	0.397	2.738	1.042	0.443
<b>Psychiatric History</b>					
Aggregated	824,449	0.225	3.645	0.916	0.428
DP01	127,622	0.400	2.533	1.023	0.412
DP02	36,298	0.591	3.645	1.217	0.612
DP03	75,688	0.347	2.259	0.957	0.381
DP04	250,499	0.225	1.143	0.647	0.316
DP05	59,794	0.347	2.493	0.998	0.417
DP06	274,548	0.343	3.028	1.043	0.502

**Appendix K. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm Inpatient and Emergency Truncation Weight = 2.5, 30-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by Data Partner (DP), Pre-/Post-Boxed Warning, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,646	0.239	3.483	0.882	0.392
DP01	289,683	0.386	2.292	0.982	0.377
DP02	59,952	0.594	3.483	1.206	0.581
DP03	180,024	0.335	2.059	0.919	0.357
DP04	593,510	0.239	1.128	0.657	0.308
DP05	137,119	0.337	2.291	0.961	0.388
DP06	415,358	0.363	2.924	1.043	0.481
<b>Pre-boxed warning</b>					
Aggregated	1,381,996	0.239	3.546	0.848	0.380
DP01	204,559	0.378	2.298	0.975	0.381
DP02	40,796	0.571	3.546	1.213	0.598
DP03	131,229	0.329	2.048	0.914	0.358
DP04	593,505	0.239	1.129	0.657	0.308
DP05	96,819	0.339	2.287	0.958	0.388
DP06	315,088	0.345	2.794	1.017	0.465
<b>Post-boxed warning</b>					
Aggregated	293,548	0.329	3.414	1.039	0.448
DP01	85,099	0.398	2.320	0.999	0.377
DP02	19,136	0.630	3.414	1.192	0.558
DP03	48,778	0.347	2.102	0.934	0.356
DP05	40,281	0.329	2.328	0.967	0.394
DP06	100,254	0.492	3.298	1.126	0.533

**Appendix L. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022,  
by Data Partner (DP), Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
Aggregated	1,675,273	0.239	3.482	0.882	0.392
DP01	289,637	0.386	2.292	0.982	0.377
DP02	59,945	0.594	3.482	1.206	0.581
DP03	179,971	0.335	2.060	0.920	0.357
DP04	593,353	0.239	1.128	0.657	0.308
DP05	137,102	0.338	2.291	0.961	0.388
DP06	415,265	0.363	2.923	1.043	0.481



**Appendix M. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022,  
by Data Partner (DP), Sex, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,273	0.239	3.482	0.882	0.392
DP01	289,637	0.386	2.292	0.982	0.377
DP02	59,945	0.594	3.482	1.206	0.581
DP03	179,971	0.335	2.060	0.920	0.357
DP04	593,353	0.239	1.128	0.657	0.308
DP05	137,102	0.338	2.291	0.961	0.388
DP06	415,265	0.363	2.923	1.043	0.481
<b>Sex: Female</b>					
Aggregated	1,065,283	0.246	3.626	0.915	0.410
DP01	178,856	0.422	2.460	1.019	0.399
DP02	43,279	0.638	3.626	1.229	0.610
DP03	107,617	0.359	2.224	0.955	0.375
DP04	346,334	0.246	1.167	0.666	0.309
DP05	85,608	0.375	2.488	1.005	0.413
DP06	303,589	0.376	2.958	1.056	0.485
<b>Sex: Male</b>					
Aggregated	609,836	0.218	3.196	0.823	0.362
DP01	110,772	0.351	2.019	0.924	0.344
DP02	16,614	0.502	3.196	1.149	0.521
DP03	72,330	0.312	1.818	0.868	0.333
DP04	247,007	0.218	1.097	0.645	0.309
DP05	51,470	0.304	1.944	0.889	0.347
DP06	111,643	0.332	2.831	1.009	0.469

**Appendix N. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022, by  
Data Partner (DP), Age Group, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,273	0.239	3.482	0.882	0.392
DP01	289,637	0.386	2.292	0.982	0.377
DP02	59,945	0.594	3.482	1.206	0.581
DP03	179,971	0.335	2.060	0.920	0.357
DP04	593,353	0.239	1.128	0.657	0.308
DP05	137,102	0.338	2.291	0.961	0.388
DP06	415,265	0.363	2.923	1.043	0.481
<b>Age Group: 10-24 years</b>					
Aggregated	583,562	0.190	2.542	0.701	0.327
DP01	96,746	0.232	1.775	0.810	0.356
DP02	4,828	0.257	2.542	0.955	0.438
DP03	63,331	0.213	1.595	0.762	0.346
DP04	373,963	0.220	1.157	0.653	0.312
DP05	41,440	0.190	1.535	0.737	0.348
DP06	3,254	0.286	2.131	0.918	0.365
<b>Age Group: 25-54 years</b>					
Aggregated	551,396	0.231	3.974	0.915	0.404
DP01	129,373	0.546	2.764	1.094	0.442
DP02	13,478	0.744	3.974	1.301	0.703
DP03	90,907	0.465	2.427	1.018	0.396
DP04	187,311	0.231	1.229	0.668	0.316
DP05	59,634	0.500	2.658	1.058	0.432
DP06	70,693	0.255	2.503	0.917	0.443
<b>Age Group: ≥ 55 years</b>					
Aggregated	540,090	0.195	3.636	1.042	0.465
DP01	63,495	0.436	2.335	1.016	0.367
DP02	41,539	0.566	3.636	1.205	0.606
DP03	25,702	0.423	2.159	0.967	0.345
DP04	32,063	0.195	1.180	0.638	0.324
DP05	36,003	0.462	2.713	1.066	0.431
DP06	341,288	0.400	2.962	1.069	0.483

**Appendix O. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022,  
by Data Partner (DP), Psychiatric History, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,273	0.239	3.482	0.882	0.392
DP01	289,637	0.386	2.292	0.982	0.377
DP02	59,945	0.594	3.482	1.206	0.581
DP03	179,971	0.335	2.060	0.920	0.357
DP04	593,353	0.239	1.128	0.657	0.308
DP05	137,102	0.338	2.291	0.961	0.388
DP06	415,265	0.363	2.923	1.043	0.481
<b>No Psychiatric History</b>					
Aggregated	850,917	0.243	3.378	0.848	0.360
DP01	162,036	0.374	2.118	0.950	0.354
DP02	23,612	0.573	3.378	1.189	0.556
DP03	104,302	0.322	1.936	0.892	0.344
DP04	342,913	0.243	1.159	0.664	0.307
DP05	77,297	0.328	2.152	0.932	0.369
DP06	140,757	0.397	2.738	1.042	0.443
<b>Psychiatric History</b>					
Aggregated	824,202	0.225	3.650	0.916	0.428
DP01	127,590	0.400	2.534	1.023	0.412
DP02	36,262	0.590	3.650	1.218	0.613
DP03	75,657	0.348	2.260	0.958	0.381
DP04	250,427	0.225	1.143	0.647	0.316
DP05	59,783	0.347	2.492	0.998	0.417
DP06	274,483	0.343	3.027	1.043	0.502

**Appendix P. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 0-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022,  
by Data Partner (DP), Pre-/Post-Boxed Warning, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,273	0.239	3.482	0.882	0.392
DP01	289,637	0.386	2.292	0.982	0.377
DP02	59,945	0.594	3.482	1.206	0.581
DP03	179,971	0.335	2.060	0.920	0.357
DP04	593,353	0.239	1.128	0.657	0.308
DP05	137,102	0.338	2.291	0.961	0.388
DP06	415,265	0.363	2.923	1.043	0.481
<b>Pre-boxed warning</b>					
Aggregated	1,381,648	0.239	3.551	0.848	0.380
DP01	204,526	0.378	2.299	0.975	0.381
DP02	40,765	0.570	3.551	1.213	0.599
DP03	131,177	0.329	2.050	0.914	0.358
DP04	593,349	0.239	1.128	0.657	0.308
DP05	96,804	0.339	2.286	0.958	0.388
DP06	315,027	0.345	2.794	1.017	0.465
<b>Post-boxed warning</b>					
Aggregated	293,506	0.329	3.410	1.039	0.448
DP01	85,088	0.399	2.321	0.999	0.377
DP02	19,134	0.630	3.410	1.192	0.557
DP03	48,774	0.347	2.101	0.934	0.356
DP05	40,280	0.329	2.329	0.967	0.394
DP06	100,230	0.492	3.297	1.126	0.533

**Appendix Q. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022,  
by Data Partner (DP), Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
Aggregated	1,675,587	0.239	3.482	0.882	0.392
DP01	289,671	0.386	2.292	0.982	0.377
DP02	59,948	0.594	3.482	1.206	0.581
DP03	180,018	0.335	2.059	0.919	0.357
DP04	593,493	0.239	1.128	0.657	0.308
DP05	137,116	0.337	2.290	0.961	0.388
DP06	415,341	0.363	2.923	1.043	0.481

**Appendix R. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30,  
2022, by Data Partner (DP), Sex, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,587	0.239	3.482	0.882	0.392
DP01	289,671	0.386	2.292	0.982	0.377
DP02	59,948	0.594	3.482	1.206	0.581
DP03	180,018	0.335	2.059	0.919	0.357
DP04	593,493	0.239	1.128	0.657	0.308
DP05	137,116	0.337	2.290	0.961	0.388
DP06	415,341	0.363	2.923	1.043	0.481
<b>Sex: Female</b>					
Aggregated	1,065,491	0.246	3.622	0.915	0.410
DP01	178,881	0.422	2.461	1.019	0.399
DP02	43,279	0.639	3.622	1.228	0.610
DP03	107,647	0.359	2.224	0.955	0.375
DP04	346,420	0.246	1.167	0.666	0.309
DP05	85,620	0.375	2.486	1.005	0.413
DP06	303,644	0.376	2.959	1.056	0.485
<b>Sex: Male</b>					
Aggregated	609,940	0.218	3.192	0.823	0.362
DP01	110,781	0.351	2.019	0.924	0.344
DP02	16,618	0.502	3.192	1.149	0.520
DP03	72,342	0.312	1.818	0.868	0.333
DP04	247,062	0.218	1.097	0.645	0.309
DP05	51,475	0.304	1.944	0.889	0.347
DP06	111,662	0.332	2.830	1.009	0.469

**Appendix S. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022,  
by Data Partner (DP), Age Group, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,587	0.239	3.482	0.882	0.392
DP01	289,671	0.386	2.292	0.982	0.377
DP02	59,948	0.594	3.482	1.206	0.581
DP03	180,018	0.335	2.059	0.919	0.357
DP04	593,493	0.239	1.128	0.657	0.308
DP05	137,116	0.337	2.290	0.961	0.388
DP06	415,341	0.363	2.923	1.043	0.481
<b>Age Group: 10-24 years</b>					
Aggregated	583,661	0.190	2.542	0.701	0.327
DP01	96,753	0.232	1.775	0.810	0.356
DP02	4,828	0.257	2.542	0.955	0.438
DP03	63,343	0.213	1.595	0.762	0.346
DP04	374,042	0.220	1.157	0.653	0.312
DP05	41,441	0.190	1.535	0.737	0.348
DP06	3,254	0.286	2.131	0.918	0.365
<b>Age Group: 25-54 years</b>					
Aggregated	551,500	0.231	3.974	0.915	0.404
DP01	129,388	0.546	2.763	1.094	0.442
DP02	13,478	0.744	3.974	1.301	0.703
DP03	90,932	0.465	2.425	1.018	0.396
DP04	187,358	0.231	1.229	0.667	0.316
DP05	59,642	0.499	2.656	1.058	0.432
DP06	70,702	0.255	2.504	0.917	0.443
<b>Age Group: ≥ 55 years</b>					
Aggregated	540,190	0.195	3.633	1.042	0.465
DP01	63,507	0.436	2.336	1.016	0.367
DP02	41,543	0.566	3.633	1.205	0.606
DP03	25,703	0.423	2.159	0.967	0.345
DP04	32,073	0.195	1.181	0.638	0.324
DP05	36,008	0.462	2.713	1.065	0.431
DP06	341,356	0.400	2.962	1.069	0.483

**Appendix T. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30, 2022,  
by Data Partner (DP), Psychiatric History, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,587	0.239	3.482	0.882	0.392
DP01	289,671	0.386	2.292	0.982	0.377
DP02	59,948	0.594	3.482	1.206	0.581
DP03	180,018	0.335	2.059	0.919	0.357
DP04	593,493	0.239	1.128	0.657	0.308
DP05	137,116	0.337	2.290	0.961	0.388
DP06	415,341	0.363	2.923	1.043	0.481
<b>No Psychiatric History</b>					
Aggregated	851,056	0.243	3.378	0.848	0.360
DP01	162,051	0.374	2.118	0.950	0.354
DP02	23,613	0.574	3.378	1.189	0.556
DP03	104,329	0.322	1.936	0.892	0.344
DP04	342,985	0.243	1.159	0.664	0.307
DP05	77,304	0.327	2.151	0.932	0.369
DP06	140,774	0.397	2.738	1.042	0.443
<b>Psychiatric History</b>					
Aggregated	824,376	0.225	3.650	0.916	0.428
DP01	127,609	0.400	2.534	1.023	0.412
DP02	36,265	0.590	3.650	1.218	0.613
DP03	75,672	0.347	2.261	0.958	0.382
DP04	250,496	0.225	1.143	0.647	0.316
DP05	59,794	0.347	2.492	0.998	0.417
DP06	274,540	0.343	3.028	1.043	0.502



**Appendix U. Distribution of Inverse Probability of Treatment Weights After Trimming for Intentional Self Harm All Settings  
Truncation Weight = 2.5, 15-day Gap and Extension in the Sentinel Distributed Database from October 1, 2015 to June 30,  
2022, by Data Partner (DP), Pre-/Post-Boxed Warning, Weight: Average Treatment Effect in the Treated (ATT)**

DP ID	Number of Patients	Minimum	Maximum	Mean	Standard Deviation
<b>Overall</b>					
Aggregated	1,675,587	0.239	3.482	0.882	0.392
DP01	289,671	0.386	2.292	0.982	0.377
DP02	59,948	0.594	3.482	1.206	0.581
DP03	180,018	0.335	2.059	0.919	0.357
DP04	593,493	0.239	1.128	0.657	0.308
DP05	137,116	0.337	2.290	0.961	0.388
DP06	415,341	0.363	2.923	1.043	0.481
<b>Pre-boxed warning</b>					
Aggregated	1,381,919	0.239	3.548	0.848	0.380
DP01	204,552	0.377	2.299	0.975	0.381
DP02	40,767	0.570	3.548	1.213	0.599
DP03	131,209	0.329	2.050	0.914	0.358
DP04	593,489	0.239	1.128	0.657	0.308
DP05	96,818	0.339	2.286	0.958	0.388
DP06	315,084	0.345	2.794	1.017	0.465
<b>Post-boxed warning</b>					
Aggregated	293,541	0.329	3.414	1.039	0.448
DP01	85,095	0.399	2.320	0.999	0.377
DP02	19,136	0.630	3.414	1.192	0.558
DP03	48,779	0.347	2.103	0.934	0.356
DP05	40,281	0.329	2.328	0.967	0.394
DP06	100,250	0.492	3.298	1.126	0.533

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

<b>Generic Name</b>	<b>Brand Name</b>
<b>Montelukast</b>	
montelukast sodium	Singulair
montelukast sodium	montelukast
<b>Inhaled Corticosteroids (ICS) Monotherapy</b>	
beclomethasone dipropionate	Qvar
beclomethasone dipropionate	Qvar RediHaler
budesonide	Pulmicort
budesonide	Pulmicort Flexhaler
budesonide	budesonide
ciclesonide	Alvesco
flunisolide	Aerospan
fluticasone furoate	Arnuity Ellipta
fluticasone propionate	ArmonAir Digihaler
fluticasone propionate	ArmonAir RespiClick
fluticasone propionate	Flovent Diskus
fluticasone propionate	Flovent HFA
mometasone furoate	Asmanex HFA
mometasone furoate	Asmanex Twisthaler

**Appendix W. List of Generic and Brand Names of Medical Products Used to Define Exposure Incidence Criteria in this Request**

Generic Name	Brand Name
<b>Montelukast</b>	
montelukast sodium	Singulair
montelukast sodium	montelukast
<b>Inhaled Corticosteroids (ICS) Monotherapy</b>	
beclomethasone dipropionate	Qvar
beclomethasone dipropionate	Qvar RediHaler
budesonide	Pulmicort
budesonide	Pulmicort Flexhaler
budesonide	budesonide
ciclesonide	Alvesco
flunisolide	Aerospan
fluticasone furoate	Arnuity Ellipta
fluticasone propionate	ArmonAir Digihaler
fluticasone propionate	ArmonAir RespiClick
fluticasone propionate	Flovent Diskus
fluticasone propionate	Flovent HFA
mometasone furoate	Asmanex HFA
mometasone furoate	Asmanex Twisthaler
<b>Long-Acting Beta-Agonists (LABAs)</b>	
acclidinium bromide/formoterol fumarate	Duaklir Pressair
arformoterol tartrate	Brovana
arformoterol tartrate	arformoterol
formoterol fumarate	Foradil Aerolizer
formoterol fumarate	Perforomist
formoterol fumarate	formoterol fumarate
glycopyrrolate/formoterol fumarate	Bevespi Aerosphere
indacaterol maleate	Arcapta Neohaler
indacaterol maleate/glycopyrrolate	Utibron Neohaler
olodaterol HCl	Striverdi Respimat
salmeterol xinafoate	Serevent Diskus
tiotropium bromide/olodaterol HCl	Stiolto Respimat
<b>Inhaled Corticosteroids (ICS) Long-Acting Beta-Agonists (LABAs)</b>	
budesonide/formoterol fumarate	Symbicort
budesonide/formoterol fumarate	budesonide-formoterol
budesonide/glycopyrrolate/formoterol fumarate	Breztri Aerosphere
fluticasone furoate/vilanterol trifenate	Breo Ellipta
fluticasone propionate/salmeterol xinafoate	Advair Diskus
fluticasone propionate/salmeterol xinafoate	Advair HFA
fluticasone propionate/salmeterol xinafoate	AirDuo Digihaler
fluticasone propionate/salmeterol xinafoate	AirDuo RespiClick
fluticasone propionate/salmeterol xinafoate	Wixela Inhub
fluticasone propionate/salmeterol xinafoate	fluticasone propion-salmeterol
mometasone furoate/formoterol fumarate	Dulera
<b>Leukotriene Receptor Antagonists (LTRAs)</b>	
zafirlukast	Accolate
zafirlukast	zafirlukast
zileuton	Zyflo
zileuton	Zyflo CR

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
<b>Any Intentional Self-Harm</b>			
T14.91	Suicide attempt	Diagnosis	ICD-10-CM
T14.91XA	Suicide attempt, initial encounter	Diagnosis	ICD-10-CM
T14.91XD	Suicide attempt, subsequent encounter	Diagnosis	ICD-10-CM
T14.91XS	Suicide attempt, sequela	Diagnosis	ICD-10-CM
T36.0X2	Poisoning by penicillins, intentional self-harm	Diagnosis	ICD-10-CM
T36.0X2A	Poisoning by penicillins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.0X2D	Poisoning by penicillins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.0X2S	Poisoning by penicillins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.1X2	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm	Diagnosis	ICD-10-CM
T36.1X2A	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.1X2D	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.1X2S	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.2X2	Poisoning by chloramphenicol group, intentional self-harm	Diagnosis	ICD-10-CM
T36.2X2A	Poisoning by chloramphenicol group, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.2X2D	Poisoning by chloramphenicol group, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.2X2S	Poisoning by chloramphenicol group, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.3X2	Poisoning by macrolides, intentional self-harm	Diagnosis	ICD-10-CM
T36.3X2A	Poisoning by macrolides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.3X2D	Poisoning by macrolides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.3X2S	Poisoning by macrolides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.4X2	Poisoning by tetracyclines, intentional self-harm	Diagnosis	ICD-10-CM
T36.4X2A	Poisoning by tetracyclines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.4X2D	Poisoning by tetracyclines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.4X2S	Poisoning by tetracyclines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.5X2	Poisoning by aminoglycosides, intentional self-harm	Diagnosis	ICD-10-CM
T36.5X2A	Poisoning by aminoglycosides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.5X2D	Poisoning by aminoglycosides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.5X2S	Poisoning by aminoglycosides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.6X2	Poisoning by rifampicins, intentional self-harm	Diagnosis	ICD-10-CM
T36.6X2A	Poisoning by rifampicins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.6X2D	Poisoning by rifampicins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.6X2S	Poisoning by rifampicins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.7X2	Poisoning by antifungal antibiotics, systemically used, intentional self-harm	Diagnosis	ICD-10-CM
T36.7X2A	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.7X2D	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.7X2S	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.8X2	Poisoning by other systemic antibiotics, intentional self-harm	Diagnosis	ICD-10-CM
T36.8X2A	Poisoning by other systemic antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T36.8X2D	Poisoning by other systemic antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.8X2S	Poisoning by other systemic antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.92	Poisoning by unspecified systemic antibiotic, intentional self-harm	Diagnosis	ICD-10-CM
T36.92XA	Poisoning by unspecified systemic antibiotic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.92XD	Poisoning by unspecified systemic antibiotic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.92XS	Poisoning by unspecified systemic antibiotic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.0X2	Poisoning by sulfonamides, intentional self-harm	Diagnosis	ICD-10-CM
T37.0X2A	Poisoning by sulfonamides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.0X2D	Poisoning by sulfonamides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.0X2S	Poisoning by sulfonamides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.1X2	Poisoning by antimycobacterial drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.1X2A	Poisoning by antimycobacterial drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.1X2D	Poisoning by antimycobacterial drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.1X2S	Poisoning by antimycobacterial drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.2X2	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm	Diagnosis	ICD-10-CM
T37.2X2A	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.2X2D	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.2X2S	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.3X2	Poisoning by other antiprotozoal drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.3X2A	Poisoning by other antiprotozoal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.3X2D	Poisoning by other antiprotozoal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.3X2S	Poisoning by other antiprotozoal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.4X2	Poisoning by anthelmintics, intentional self-harm	Diagnosis	ICD-10-CM
T37.4X2A	Poisoning by anthelmintics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.4X2D	Poisoning by anthelmintics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.4X2S	Poisoning by anthelmintics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.5X2	Poisoning by antiviral drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.5X2A	Poisoning by antiviral drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.5X2D	Poisoning by antiviral drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.5X2S	Poisoning by antiviral drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.8X2	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm	Diagnosis	ICD-10-CM
T37.8X2A	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.8X2D	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.8X2S	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T37.92	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm	Diagnosis	ICD-10-CM
T37.92XA	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.92XD	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.92XS	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.0X2	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm	Diagnosis	ICD-10-CM
T38.0X2A	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.0X2D	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.0X2S	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.1X2	Poisoning by thyroid hormones and substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.1X2A	Poisoning by thyroid hormones and substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.1X2D	Poisoning by thyroid hormones and substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.1X2S	Poisoning by thyroid hormones and substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.2X2	Poisoning by antithyroid drugs, intentional self-harm	Diagnosis	ICD-10-CM
T38.2X2A	Poisoning by antithyroid drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.2X2D	Poisoning by antithyroid drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.2X2S	Poisoning by antithyroid drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.3X2	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm	Diagnosis	ICD-10-CM
T38.3X2A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.3X2D	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.3X2S	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.4X2	Poisoning by oral contraceptives, intentional self-harm	Diagnosis	ICD-10-CM
T38.4X2A	Poisoning by oral contraceptives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.4X2D	Poisoning by oral contraceptives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.4X2S	Poisoning by oral contraceptives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.5X2	Poisoning by other estrogens and progestogens, intentional self-harm	Diagnosis	ICD-10-CM
T38.5X2A	Poisoning by other estrogens and progestogens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.5X2D	Poisoning by other estrogens and progestogens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.5X2S	Poisoning by other estrogens and progestogens, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.6X2	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T38.6X2A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T38.6X2D	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.6X2S	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.7X2	Poisoning by androgens and anabolic congeners, intentional self-harm	Diagnosis	ICD-10-CM
T38.7X2A	Poisoning by androgens and anabolic congeners, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.7X2D	Poisoning by androgens and anabolic congeners, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.7X2S	Poisoning by androgens and anabolic congeners, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.802	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.802A	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.802D	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.802S	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.812	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm	Diagnosis	ICD-10-CM
T38.812A	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.812D	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.812S	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.892	Poisoning by other hormones and synthetic substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.892A	Poisoning by other hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.892D	Poisoning by other hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.892S	Poisoning by other hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.902	Poisoning by unspecified hormone antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T38.902A	Poisoning by unspecified hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.902D	Poisoning by unspecified hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.902S	Poisoning by unspecified hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.992	Poisoning by other hormone antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T38.992A	Poisoning by other hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.992D	Poisoning by other hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.992S	Poisoning by other hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.012	Poisoning by aspirin, intentional self-harm	Diagnosis	ICD-10-CM
T39.012A	Poisoning by aspirin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T39.012D	Poisoning by aspirin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.012S	Poisoning by aspirin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.092	Poisoning by salicylates, intentional self-harm	Diagnosis	ICD-10-CM
T39.092A	Poisoning by salicylates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.092D	Poisoning by salicylates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.092S	Poisoning by salicylates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.1X2	Poisoning by 4-Aminophenol derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.1X2A	Poisoning by 4-Aminophenol derivatives, intentional self-harm, initial	Diagnosis	ICD-10-CM
T39.1X2D	Poisoning by 4-Aminophenol derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.1X2S	Poisoning by 4-Aminophenol derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.2X2	Poisoning by pyrazolone derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.2X2A	Poisoning by pyrazolone derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.2X2D	Poisoning by pyrazolone derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.2X2S	Poisoning by pyrazolone derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.312	Poisoning by propionic acid derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.312A	Poisoning by propionic acid derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.312D	Poisoning by propionic acid derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.312S	Poisoning by propionic acid derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.392	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm	Diagnosis	ICD-10-CM
T39.392A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.392D	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.392S	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.4X2	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T39.4X2A	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.4X2D	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.4X2S	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.8X2	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T39.8X2A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.8X2D	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.8X2S	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.92	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm	Diagnosis	ICD-10-CM



**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T39.92XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.92XD	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.92XS	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.0X2	Poisoning by opium, intentional self-harm	Diagnosis	ICD-10-CM
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.1X2	Poisoning by heroin, intentional self-harm	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
T40.2X2	Poisoning by other opioids, intentional self-harm	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
T40.3X2	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
T40.412	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 encounter	Diagnosis	ICD-10-CM
T40.412S	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela	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
T40.492	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.492A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.492D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.492S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.4X2	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.5X2	Poisoning by cocaine, intentional self-harm	Diagnosis	ICD-10-CM
T40.5X2A	Poisoning by cocaine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.5X2D	Poisoning by cocaine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X2S	Poisoning by cocaine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.602	Poisoning by unspecified narcotics, intentional self-harm	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
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	Diagnosis	ICD-10-CM
T40.602S	Poisoning by unspecified narcotics, intentional self-harm, sequela	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
T40.712	Poisoning by cannabis, intentional self-harm	Diagnosis	ICD-10-CM
T40.712A	Poisoning by cannabis, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.712D	Poisoning by cannabis, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.712S	Poisoning by cannabis, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.722	Poisoning by synthetic cannabinoids, intentional self-harm	Diagnosis	ICD-10-CM
T40.722A	Poisoning by synthetic cannabinoids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.722D	Poisoning by synthetic cannabinoids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.722S	Poisoning by synthetic cannabinoids, intentional self-harm, sequela	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
T40.7X2D	Poisoning by cannabis (derivatives), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X2S	Poisoning by cannabis (derivatives), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.8X2	Poisoning by lysergide [LSD], intentional self-harm	Diagnosis	ICD-10-CM
T40.8X2A	Poisoning by lysergide [LSD], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.8X2D	Poisoning by lysergide [LSD], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X2S	Poisoning by lysergide [LSD], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.902	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-	Diagnosis	ICD-10-CM
T40.902A	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.902D	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.902S	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.992	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm	Diagnosis	ICD-10-CM
T40.992A	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.992D	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.992S	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.0X2	Poisoning by inhaled anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.0X2A	Poisoning by inhaled anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.0X2D	Poisoning by inhaled anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.0X2S	Poisoning by inhaled anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.1X2	Poisoning by intravenous anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.1X2A	Poisoning by intravenous anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.1X2D	Poisoning by intravenous anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T41.1X2S	Poisoning by intravenous anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.202	Poisoning by unspecified general anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.202A	Poisoning by unspecified general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.202D	Poisoning by unspecified general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.202S	Poisoning by unspecified general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.292	Poisoning by other general anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.292A	Poisoning by other general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.292D	Poisoning by other general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.292S	Poisoning by other general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.3X2	Poisoning by local anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.3X2A	Poisoning by local anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.3X2D	Poisoning by local anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.3X2S	Poisoning by local anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.42	Poisoning by unspecified anesthetic, intentional self-harm	Diagnosis	ICD-10-CM
T41.42XA	Poisoning by unspecified anesthetic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.42XD	Poisoning by unspecified anesthetic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.42XS	Poisoning by unspecified anesthetic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.5X2	Poisoning by therapeutic gases, intentional self-harm	Diagnosis	ICD-10-CM
T41.5X2A	Poisoning by therapeutic gases, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.5X2D	Poisoning by therapeutic gases, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.5X2S	Poisoning by therapeutic gases, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.0X2	Poisoning by hydantoin derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T42.0X2A	Poisoning by hydantoin derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.0X2D	Poisoning by hydantoin derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.0X2S	Poisoning by hydantoin derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.1X2	Poisoning by iminostilbenes, intentional self-harm	Diagnosis	ICD-10-CM
T42.1X2A	Poisoning by iminostilbenes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.1X2D	Poisoning by iminostilbenes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.1X2S	Poisoning by iminostilbenes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.2X2	Poisoning by succinimides and oxazolidinediones, intentional self-harm	Diagnosis	ICD-10-CM
T42.2X2A	Poisoning by succinimides and oxazolidinediones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.2X2D	Poisoning by succinimides and oxazolidinediones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.2X2S	Poisoning by succinimides and oxazolidinediones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.3X2	Poisoning by barbiturates, intentional self-harm	Diagnosis	ICD-10-CM
T42.3X2A	Poisoning by barbiturates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.3X2D	Poisoning by barbiturates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.3X2S	Poisoning by barbiturates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.4X2	Poisoning by benzodiazepines, intentional self-harm	Diagnosis	ICD-10-CM
T42.4X2A	Poisoning by benzodiazepines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.4X2D	Poisoning by benzodiazepines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T42.4X2S	Poisoning by benzodiazepines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.5X2	Poisoning by mixed antiepileptics, intentional self-harm	Diagnosis	ICD-10-CM
T42.5X2A	Poisoning by mixed antiepileptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.5X2D	Poisoning by mixed antiepileptics, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T42.5X2S	Poisoning by mixed antiepileptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.6X2	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T42.6X2A	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.6X2D	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.6X2S	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.72	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T42.72XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.72XD	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.72XS	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.8X2	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm	Diagnosis	ICD-10-CM
T42.8X2A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.8X2D	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.8X2S	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.012	Poisoning by tricyclic antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.012A	Poisoning by tricyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.012D	Poisoning by tricyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.012S	Poisoning by tricyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.022	Poisoning by tetracyclic antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.022A	Poisoning by tetracyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.022D	Poisoning by tetracyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.022S	Poisoning by tetracyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.1X2	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.1X2A	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.1X2D	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.1X2S	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T43.202	Poisoning by unspecified antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.202A	Poisoning by unspecified antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.202D	Poisoning by unspecified antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.202S	Poisoning by unspecified antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.212	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm	Diagnosis	ICD-10-CM
T43.212A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.212D	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.212S	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.222	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm	Diagnosis	ICD-10-CM
T43.222A	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.222D	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.222S	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.292	Poisoning by other antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.292A	Poisoning by other antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.292D	Poisoning by other antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.292S	Poisoning by other antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.3X2	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.3X2A	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.3X2D	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.3X2S	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.4X2	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.4X2A	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.4X2D	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.4X2S	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.502	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.502A	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.502D	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T43.502S	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.592	Poisoning by other antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.592A	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.592D	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.592S	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.602	Poisoning by unspecified psychostimulants, intentional self-harm	Diagnosis	ICD-10-CM
T43.602A	Poisoning by unspecified psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.602D	Poisoning by unspecified psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.602S	Poisoning by unspecified psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.612	Poisoning by caffeine, intentional self-harm	Diagnosis	ICD-10-CM
T43.612A	Poisoning by caffeine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.612D	Poisoning by caffeine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.612S	Poisoning by caffeine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.622	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
T43.632	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
T43.642	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
T43.692	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
T43.692S	Poisoning by other psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.8X2	Poisoning by other psychotropic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T43.8X2A	Poisoning by other psychotropic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.8X2D	Poisoning by other psychotropic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.8X2S	Poisoning by other psychotropic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.92	Poisoning by unspecified psychotropic drug, intentional self-harm	Diagnosis	ICD-10-CM
T43.92XA	Poisoning by unspecified psychotropic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.92XD	Poisoning by unspecified psychotropic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.92XS	Poisoning by unspecified psychotropic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T44.0X2	Poisoning by anticholinesterase agents, intentional self-harm	Diagnosis	ICD-10-CM
T44.0X2A	Poisoning by anticholinesterase agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.0X2D	Poisoning by anticholinesterase agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.0X2S	Poisoning by anticholinesterase agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.1X2	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm	Diagnosis	ICD-10-CM
T44.1X2A	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.1X2D	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.1X2S	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.2X2	Poisoning by ganglionic blocking drugs, intentional self-harm	Diagnosis	ICD-10-CM
T44.2X2A	Poisoning by ganglionic blocking drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.2X2D	Poisoning by ganglionic blocking drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.2X2S	Poisoning by ganglionic blocking drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.3X2	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm	Diagnosis	ICD-10-CM
T44.3X2A	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.3X2D	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.3X2S	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.4X2	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.4X2A	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.4X2D	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.4X2S	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.5X2	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.5X2A	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.5X2D	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.5X2S	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.6X2	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.6X2A	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.6X2D	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.6X2S	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T44.7X2	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.7X2A	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.7X2D	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.7X2S	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.8X2	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm	Diagnosis	ICD-10-CM
T44.8X2A	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.8X2D	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.8X2S	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.902	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm	Diagnosis	ICD-10-CM
T44.902A	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.902D	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.902S	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.992	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm	Diagnosis	ICD-10-CM
T44.992A	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.992D	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.992S	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.0X2	Poisoning by antiallergic and antiemetic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.0X2A	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.0X2D	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.0X2S	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.1X2	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.1X2A	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.1X2D	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.1X2S	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.2X2	Poisoning by vitamins, intentional self-harm	Diagnosis	ICD-10-CM
T45.2X2A	Poisoning by vitamins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.2X2D	Poisoning by vitamins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM



**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T45.2X2S	Poisoning by vitamins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.3X2	Poisoning by enzymes, intentional self-harm	Diagnosis	ICD-10-CM
T45.3X2A	Poisoning by enzymes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.3X2D	Poisoning by enzymes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.3X2S	Poisoning by enzymes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.4X2	Poisoning by iron and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T45.4X2A	Poisoning by iron and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.4X2D	Poisoning by iron and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.4X2S	Poisoning by iron and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.512	Poisoning by anticoagulants, intentional self-harm	Diagnosis	ICD-10-CM
T45.512A	Poisoning by anticoagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.512D	Poisoning by anticoagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.512S	Poisoning by anticoagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.522	Poisoning by antithrombotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.522A	Poisoning by antithrombotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.522D	Poisoning by antithrombotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.522S	Poisoning by antithrombotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.602	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.602A	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.602D	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.602S	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.612	Poisoning by thrombolytic drug, intentional self-harm	Diagnosis	ICD-10-CM
T45.612A	Poisoning by thrombolytic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.612D	Poisoning by thrombolytic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.612S	Poisoning by thrombolytic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.622	Poisoning by hemostatic drug, intentional self-harm	Diagnosis	ICD-10-CM
T45.622A	Poisoning by hemostatic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.622D	Poisoning by hemostatic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.622S	Poisoning by hemostatic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.692	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.692A	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.692D	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.692S	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.7X2	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm	Diagnosis	ICD-10-CM
T45.7X2A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.7X2D	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T45.7X2S	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.8X2	Poisoning by other primarily systemic and hematological agents, intentional self-harm	Diagnosis	ICD-10-CM
T45.8X2A	Poisoning by other primarily systemic and hematological agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.8X2D	Poisoning by other primarily systemic and hematological agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.8X2S	Poisoning by other primarily systemic and hematological agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.92	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm	Diagnosis	ICD-10-CM
T45.92XA	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.92XD	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.92XS	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.0X2	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm	Diagnosis	ICD-10-CM
T46.0X2A	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.0X2D	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.0X2S	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.1X2	Poisoning by calcium-channel blockers, intentional self-harm	Diagnosis	ICD-10-CM
T46.1X2A	Poisoning by calcium-channel blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.1X2D	Poisoning by calcium-channel blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.1X2S	Poisoning by calcium-channel blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.2X2	Poisoning by other antidysrhythmic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.2X2A	Poisoning by other antidysrhythmic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.2X2D	Poisoning by other antidysrhythmic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.2X2S	Poisoning by other antidysrhythmic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.3X2	Poisoning by coronary vasodilators, intentional self-harm	Diagnosis	ICD-10-CM
T46.3X2A	Poisoning by coronary vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.3X2D	Poisoning by coronary vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.3X2S	Poisoning by coronary vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.4X2	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm	Diagnosis	ICD-10-CM
T46.4X2A	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.4X2D	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T46.4X2S	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.5X2	Poisoning by other antihypertensive drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.5X2A	Poisoning by other antihypertensive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.5X2D	Poisoning by other antihypertensive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.5X2S	Poisoning by other antihypertensive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.6X2	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.6X2A	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.6X2D	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.6X2S	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.7X2	Poisoning by peripheral vasodilators, intentional self-harm	Diagnosis	ICD-10-CM
T46.7X2A	Poisoning by peripheral vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.7X2D	Poisoning by peripheral vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.7X2S	Poisoning by peripheral vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.8X2	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm	Diagnosis	ICD-10-CM
T46.8X2A	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.8X2D	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.8X2S	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.902	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm	Diagnosis	ICD-10-CM
T46.902A	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.902D	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.902S	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.992	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm	Diagnosis	ICD-10-CM
T46.992A	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.992D	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.992S	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.0X2	Poisoning by histamine H2-receptor blockers, intentional self-harm	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T47.0X2A	Poisoning by histamine H2-receptor blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.0X2D	Poisoning by histamine H2-receptor blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.0X2S	Poisoning by histamine H2-receptor blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.1X2	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm	Diagnosis	ICD-10-CM
T47.1X2A	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.1X2D	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.1X2S	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.2X2	Poisoning by stimulant laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.2X2A	Poisoning by stimulant laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.2X2D	Poisoning by stimulant laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.2X2S	Poisoning by stimulant laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.3X2	Poisoning by saline and osmotic laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.3X2A	Poisoning by saline and osmotic laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.3X2D	Poisoning by saline and osmotic laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.3X2S	Poisoning by saline and osmotic laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.4X2	Poisoning by other laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.4X2A	Poisoning by other laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.4X2D	Poisoning by other laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.4X2S	Poisoning by other laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.5X2	Poisoning by digestants, intentional self-harm	Diagnosis	ICD-10-CM
T47.5X2A	Poisoning by digestants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.5X2D	Poisoning by digestants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.5X2S	Poisoning by digestants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.6X2	Poisoning by antidiarrheal drugs, intentional self-harm	Diagnosis	ICD-10-CM
T47.6X2A	Poisoning by antidiarrheal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.6X2D	Poisoning by antidiarrheal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.6X2S	Poisoning by antidiarrheal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.7X2	Poisoning by emetics, intentional self-harm	Diagnosis	ICD-10-CM
T47.7X2A	Poisoning by emetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.7X2D	Poisoning by emetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.7X2S	Poisoning by emetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.8X2	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm	Diagnosis	ICD-10-CM
T47.8X2A	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.8X2D	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.8X2S	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T47.92	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm	Diagnosis	ICD-10-CM
T47.92XA	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.92XD	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.92XS	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.0X2	Poisoning by oxytocic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T48.0X2A	Poisoning by oxytocic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.0X2D	Poisoning by oxytocic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.0X2S	Poisoning by oxytocic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.1X2	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm	Diagnosis	ICD-10-CM
T48.1X2A	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.1X2D	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.1X2S	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.202	Poisoning by unspecified drugs acting on muscles, intentional self-harm	Diagnosis	ICD-10-CM
T48.202A	Poisoning by unspecified drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.202D	Poisoning by unspecified drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.202S	Poisoning by unspecified drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.292	Poisoning by other drugs acting on muscles, intentional self-harm	Diagnosis	ICD-10-CM
T48.292A	Poisoning by other drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.292D	Poisoning by other drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.292S	Poisoning by other drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.3X2	Poisoning by antitussives, intentional self-harm	Diagnosis	ICD-10-CM
T48.3X2A	Poisoning by antitussives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.3X2D	Poisoning by antitussives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.3X2S	Poisoning by antitussives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.4X2	Poisoning by expectorants, intentional self-harm	Diagnosis	ICD-10-CM
T48.4X2A	Poisoning by expectorants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.4X2D	Poisoning by expectorants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.4X2S	Poisoning by expectorants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.5X2	Poisoning by other anti-common-cold drugs, intentional self-harm	Diagnosis	ICD-10-CM
T48.5X2A	Poisoning by other anti-common-cold drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.5X2D	Poisoning by other anti-common-cold drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.5X2S	Poisoning by other anti-common-cold drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T48.6X2	Poisoning by antiasthmatics, intentional self-harm	Diagnosis	ICD-10-CM
T48.6X2A	Poisoning by antiasthmatics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.6X2D	Poisoning by antiasthmatics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.6X2S	Poisoning by antiasthmatics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.902	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm	Diagnosis	ICD-10-CM
T48.902A	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.902D	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.902S	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.992	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm	Diagnosis	ICD-10-CM
T48.992A	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.992D	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.992S	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.0X2	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm	Diagnosis	ICD-10-CM
T49.0X2A	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.0X2D	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.0X2S	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.1X2	Poisoning by antipruritics, intentional self-harm	Diagnosis	ICD-10-CM
T49.1X2A	Poisoning by antipruritics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.1X2D	Poisoning by antipruritics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.1X2S	Poisoning by antipruritics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.2X2	Poisoning by local astringents and local detergents, intentional self-harm	Diagnosis	ICD-10-CM
T49.2X2A	Poisoning by local astringents and local detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.2X2D	Poisoning by local astringents and local detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.2X2S	Poisoning by local astringents and local detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.3X2	Poisoning by emollients, demulcents and protectants, intentional self-harm	Diagnosis	ICD-10-CM
T49.3X2A	Poisoning by emollients, demulcents and protectants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.3X2D	Poisoning by emollients, demulcents and protectants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.3X2S	Poisoning by emollients, demulcents and protectants, intentional self-harm, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T49.4X2	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.4X2A	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.4X2D	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.4X2S	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.5X2	Poisoning by ophthalmological drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.5X2A	Poisoning by ophthalmological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.5X2D	Poisoning by ophthalmological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.5X2S	Poisoning by ophthalmological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.6X2	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.6X2A	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.6X2D	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.6X2S	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.7X2	Poisoning by dental drugs, topically applied, intentional self-harm	Diagnosis	ICD-10-CM
T49.7X2A	Poisoning by dental drugs, topically applied, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.7X2D	Poisoning by dental drugs, topically applied, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.7X2S	Poisoning by dental drugs, topically applied, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.8X2	Poisoning by other topical agents, intentional self-harm	Diagnosis	ICD-10-CM
T49.8X2A	Poisoning by other topical agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.8X2D	Poisoning by other topical agents, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T49.8X2S	Poisoning by other topical agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.92	Poisoning by unspecified topical agent, intentional self-harm	Diagnosis	ICD-10-CM
T49.92XA	Poisoning by unspecified topical agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.92XD	Poisoning by unspecified topical agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.92XS	Poisoning by unspecified topical agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.0X2	Poisoning by mineralocorticoids and their antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T50.0X2A	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.0X2D	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.0X2S	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.1X2	Poisoning by loop [high-ceiling] diuretics, intentional self-harm	Diagnosis	ICD-10-CM
T50.1X2A	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, initial	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T50.1X2D	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.1X2S	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.2X2	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm	Diagnosis	ICD-10-CM
T50.2X2A	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.2X2D	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.2X2S	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.3X2	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.3X2A	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.3X2D	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.3X2S	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.4X2	Poisoning by drugs affecting uric acid metabolism, intentional self-harm	Diagnosis	ICD-10-CM
T50.4X2A	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.4X2D	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.4X2S	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.5X2	Poisoning by appetite depressants, intentional self-harm	Diagnosis	ICD-10-CM
T50.5X2A	Poisoning by appetite depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.5X2D	Poisoning by appetite depressants, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T50.5X2S	Poisoning by appetite depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.6X2	Poisoning by antidotes and chelating agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.6X2A	Poisoning by antidotes and chelating agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.6X2D	Poisoning by antidotes and chelating agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.6X2S	Poisoning by antidotes and chelating agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.7X2	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T50.7X2A	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.7X2D	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.7X2S	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.8X2	Poisoning by diagnostic agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.8X2A	Poisoning by diagnostic agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.8X2D	Poisoning by diagnostic agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.8X2S	Poisoning by diagnostic agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM



**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T50.902	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.902A	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.902D	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.902S	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.912	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.912A	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.912D	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.912S	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.992	Poisoning by other drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.992A	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.992D	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.992S	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A12	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm	Diagnosis	ICD-10-CM
T50.A12A	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A12D	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A12S	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A22	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm	Diagnosis	ICD-10-CM
T50.A22A	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A22D	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A22S	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A92	Poisoning by other bacterial vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.A92A	Poisoning by other bacterial vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A92D	Poisoning by other bacterial vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A92S	Poisoning by other bacterial vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B12	Poisoning by smallpox vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.B12A	Poisoning by smallpox vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T50.B12D	Poisoning by smallpox vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.B12S	Poisoning by smallpox vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B92	Poisoning by other viral vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.B92A	Poisoning by other viral vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.B92D	Poisoning by other viral vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.B92S	Poisoning by other viral vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z12	Poisoning by immunoglobulin, intentional self-harm	Diagnosis	ICD-10-CM
T50.Z12A	Poisoning by immunoglobulin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z12D	Poisoning by immunoglobulin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z12S	Poisoning by immunoglobulin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z92	Poisoning by other vaccines and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.Z92A	Poisoning by other vaccines and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z92D	Poisoning by other vaccines and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z92S	Poisoning by other vaccines and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.0X2	Toxic effect of ethanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.0X2A	Toxic effect of ethanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.0X2D	Toxic effect of ethanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X2S	Toxic effect of ethanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.1X2	Toxic effect of methanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.1X2A	Toxic effect of methanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.1X2D	Toxic effect of methanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.1X2S	Toxic effect of methanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.2X2	Toxic effect of 2-Propanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.2X2A	Toxic effect of 2-Propanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.2X2D	Toxic effect of 2-Propanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.2X2S	Toxic effect of 2-Propanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.3X2	Toxic effect of fusel oil, intentional self-harm	Diagnosis	ICD-10-CM
T51.3X2A	Toxic effect of fusel oil, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.3X2D	Toxic effect of fusel oil, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.3X2S	Toxic effect of fusel oil, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.8X2	Toxic effect of other alcohols, intentional self-harm	Diagnosis	ICD-10-CM
T51.8X2A	Toxic effect of other alcohols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.8X2D	Toxic effect of other alcohols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.8X2S	Toxic effect of other alcohols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.92	Toxic effect of unspecified alcohol, intentional self-harm	Diagnosis	ICD-10-CM
T51.92XA	Toxic effect of unspecified alcohol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.92XD	Toxic effect of unspecified alcohol, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T51.92XS	Toxic effect of unspecified alcohol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.0X2	Toxic effect of petroleum products, intentional self-harm	Diagnosis	ICD-10-CM
T52.0X2A	Toxic effect of petroleum products, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.0X2D	Toxic effect of petroleum products, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T52.0X2S	Toxic effect of petroleum products, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.1X2	Toxic effect of benzene, intentional self-harm	Diagnosis	ICD-10-CM
T52.1X2A	Toxic effect of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T52.1X2D	Toxic effect of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.1X2S	Toxic effect of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.2X2	Toxic effect of homologues of benzene, intentional self-harm	Diagnosis	ICD-10-CM
T52.2X2A	Toxic effect of homologues of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.2X2D	Toxic effect of homologues of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.2X2S	Toxic effect of homologues of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.3X2	Toxic effect of glycols, intentional self-harm	Diagnosis	ICD-10-CM
T52.3X2A	Toxic effect of glycols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.3X2D	Toxic effect of glycols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.3X2S	Toxic effect of glycols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.4X2	Toxic effect of ketones, intentional self-harm	Diagnosis	ICD-10-CM
T52.4X2A	Toxic effect of ketones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.4X2D	Toxic effect of ketones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.4X2S	Toxic effect of ketones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.8X2	Toxic effect of other organic solvents, intentional self-harm	Diagnosis	ICD-10-CM
T52.8X2A	Toxic effect of other organic solvents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.8X2D	Toxic effect of other organic solvents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.8X2S	Toxic effect of other organic solvents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.92	Toxic effect of unspecified organic solvent, intentional self-harm	Diagnosis	ICD-10-CM
T52.92XA	Toxic effect of unspecified organic solvent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.92XD	Toxic effect of unspecified organic solvent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.92XS	Toxic effect of unspecified organic solvent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.0X2	Toxic effect of carbon tetrachloride, intentional self-harm	Diagnosis	ICD-10-CM
T53.0X2A	Toxic effect of carbon tetrachloride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.0X2D	Toxic effect of carbon tetrachloride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.0X2S	Toxic effect of carbon tetrachloride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.1X2	Toxic effect of chloroform, intentional self-harm	Diagnosis	ICD-10-CM
T53.1X2A	Toxic effect of chloroform, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.1X2D	Toxic effect of chloroform, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.1X2S	Toxic effect of chloroform, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.2X2	Toxic effect of trichloroethylene, intentional self-harm	Diagnosis	ICD-10-CM
T53.2X2A	Toxic effect of trichloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.2X2D	Toxic effect of trichloroethylene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.2X2S	Toxic effect of trichloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.3X2	Toxic effect of tetrachloroethylene, intentional self-harm	Diagnosis	ICD-10-CM
T53.3X2A	Toxic effect of tetrachloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.3X2D	Toxic effect of tetrachloroethylene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.3X2S	Toxic effect of tetrachloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.4X2	Toxic effect of dichloromethane, intentional self-harm	Diagnosis	ICD-10-CM
T53.4X2A	Toxic effect of dichloromethane, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.4X2D	Toxic effect of dichloromethane, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.4X2S	Toxic effect of dichloromethane, intentional self-harm, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T53.5X2	Toxic effect of chlorofluorocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.5X2A	Toxic effect of chlorofluorocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.5X2D	Toxic effect of chlorofluorocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.5X2S	Toxic effect of chlorofluorocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.6X2	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.6X2A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.6X2D	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.6X2S	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.7X2	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.7X2A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.7X2D	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.7X2S	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.92	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.92XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.92XD	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.92XS	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.0X2	Toxic effect of phenol and phenol homologues, intentional self-harm	Diagnosis	ICD-10-CM
T54.0X2A	Toxic effect of phenol and phenol homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.0X2D	Toxic effect of phenol and phenol homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.0X2S	Toxic effect of phenol and phenol homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.1X2	Toxic effect of other corrosive organic compounds, intentional self-harm	Diagnosis	ICD-10-CM
T54.1X2A	Toxic effect of other corrosive organic compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.1X2D	Toxic effect of other corrosive organic compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.1X2S	Toxic effect of other corrosive organic compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.2X2	Toxic effect of corrosive acids and acid-like substances, intentional self-harm	Diagnosis	ICD-10-CM
T54.2X2A	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.2X2D	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T54.2X2S	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.3X2	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm	Diagnosis	ICD-10-CM
T54.3X2A	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.3X2D	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.3X2S	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.92	Toxic effect of unspecified corrosive substance, intentional self-harm	Diagnosis	ICD-10-CM
T54.92XA	Toxic effect of unspecified corrosive substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.92XD	Toxic effect of unspecified corrosive substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.92XS	Toxic effect of unspecified corrosive substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.0X2	Toxic effect of soaps, intentional self-harm	Diagnosis	ICD-10-CM
T55.0X2A	Toxic effect of soaps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.0X2D	Toxic effect of soaps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.0X2S	Toxic effect of soaps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.1X2	Toxic effect of detergents, intentional self-harm	Diagnosis	ICD-10-CM
T55.1X2A	Toxic effect of detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.1X2D	Toxic effect of detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.1X2S	Toxic effect of detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.0X2	Toxic effect of lead and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.0X2A	Toxic effect of lead and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.0X2D	Toxic effect of lead and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.0X2S	Toxic effect of lead and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.1X2	Toxic effect of mercury and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.1X2A	Toxic effect of mercury and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.1X2D	Toxic effect of mercury and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.1X2S	Toxic effect of mercury and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.2X2	Toxic effect of chromium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.2X2A	Toxic effect of chromium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.2X2D	Toxic effect of chromium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.2X2S	Toxic effect of chromium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.3X2	Toxic effect of cadmium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.3X2A	Toxic effect of cadmium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.3X2D	Toxic effect of cadmium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.3X2S	Toxic effect of cadmium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.4X2	Toxic effect of copper and its compounds, intentional self-harm	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T56.4X2A	Toxic effect of copper and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.4X2D	Toxic effect of copper and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.4X2S	Toxic effect of copper and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.5X2	Toxic effect of zinc and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.5X2A	Toxic effect of zinc and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.5X2D	Toxic effect of zinc and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.5X2S	Toxic effect of zinc and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.6X2	Toxic effect of tin and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.6X2A	Toxic effect of tin and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.6X2D	Toxic effect of tin and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.6X2S	Toxic effect of tin and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.7X2	Toxic effect of beryllium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.7X2A	Toxic effect of beryllium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.7X2D	Toxic effect of beryllium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.7X2S	Toxic effect of beryllium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.812	Toxic effect of thallium, intentional self-harm	Diagnosis	ICD-10-CM
T56.812A	Toxic effect of thallium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.812D	Toxic effect of thallium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.812S	Toxic effect of thallium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.892	Toxic effect of other metals, intentional self-harm	Diagnosis	ICD-10-CM
T56.892A	Toxic effect of other metals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.892D	Toxic effect of other metals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.892S	Toxic effect of other metals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.92	Toxic effect of unspecified metal, intentional self-harm	Diagnosis	ICD-10-CM
T56.92XA	Toxic effect of unspecified metal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.92XD	Toxic effect of unspecified metal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.92XS	Toxic effect of unspecified metal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.0X2	Toxic effect of arsenic and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T57.0X2A	Toxic effect of arsenic and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.0X2D	Toxic effect of arsenic and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.0X2S	Toxic effect of arsenic and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.1X2	Toxic effect of phosphorus and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T57.1X2A	Toxic effect of phosphorus and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.1X2D	Toxic effect of phosphorus and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.1X2S	Toxic effect of phosphorus and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.2X2	Toxic effect of manganese and its compounds, intentional self-harm	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T57.2X2A	Toxic effect of manganese and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.2X2D	Toxic effect of manganese and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.2X2S	Toxic effect of manganese and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.3X2	Toxic effect of hydrogen cyanide, intentional self-harm	Diagnosis	ICD-10-CM
T57.3X2A	Toxic effect of hydrogen cyanide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.3X2D	Toxic effect of hydrogen cyanide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.3X2S	Toxic effect of hydrogen cyanide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.8X2	Toxic effect of other specified inorganic substances, intentional self-harm	Diagnosis	ICD-10-CM
T57.8X2A	Toxic effect of other specified inorganic substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.8X2D	Toxic effect of other specified inorganic substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.8X2S	Toxic effect of other specified inorganic substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.92	Toxic effect of unspecified inorganic substance, intentional self-harm	Diagnosis	ICD-10-CM
T57.92XA	Toxic effect of unspecified inorganic substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.92XD	Toxic effect of unspecified inorganic substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.92XS	Toxic effect of unspecified inorganic substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.02	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm	Diagnosis	ICD-10-CM
T58.02XA	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.02XD	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.02XS	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.12	Toxic effect of carbon monoxide from utility gas, intentional self-harm	Diagnosis	ICD-10-CM
T58.12XA	Toxic effect of carbon monoxide from utility gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.12XD	Toxic effect of carbon monoxide from utility gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.12XS	Toxic effect of carbon monoxide from utility gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.2X2	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm	Diagnosis	ICD-10-CM
T58.2X2A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.2X2D	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.2X2S	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.8X2	Toxic effect of carbon monoxide from other source, intentional self-harm	Diagnosis	ICD-10-CM
T58.8X2A	Toxic effect of carbon monoxide from other source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T58.8X2D	Toxic effect of carbon monoxide from other source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.8X2S	Toxic effect of carbon monoxide from other source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.92	Toxic effect of carbon monoxide from unspecified source, intentional self-harm	Diagnosis	ICD-10-CM
T58.92XA	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.92XD	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.92XS	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.0X2	Toxic effect of nitrogen oxides, intentional self-harm	Diagnosis	ICD-10-CM
T59.0X2A	Toxic effect of nitrogen oxides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.0X2D	Toxic effect of nitrogen oxides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.0X2S	Toxic effect of nitrogen oxides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.1X2	Toxic effect of sulfur dioxide, intentional self-harm	Diagnosis	ICD-10-CM
T59.1X2A	Toxic effect of sulfur dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.1X2D	Toxic effect of sulfur dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.1X2S	Toxic effect of sulfur dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.2X2	Toxic effect of formaldehyde, intentional self-harm	Diagnosis	ICD-10-CM
T59.2X2A	Toxic effect of formaldehyde, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.2X2D	Toxic effect of formaldehyde, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.2X2S	Toxic effect of formaldehyde, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.3X2	Toxic effect of lacrimogenic gas, intentional self-harm	Diagnosis	ICD-10-CM
T59.3X2A	Toxic effect of lacrimogenic gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.3X2D	Toxic effect of lacrimogenic gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.3X2S	Toxic effect of lacrimogenic gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.4X2	Toxic effect of chlorine gas, intentional self-harm	Diagnosis	ICD-10-CM
T59.4X2A	Toxic effect of chlorine gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.4X2D	Toxic effect of chlorine gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.4X2S	Toxic effect of chlorine gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.5X2	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm	Diagnosis	ICD-10-CM
T59.5X2A	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.5X2D	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.5X2S	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.6X2	Toxic effect of hydrogen sulfide, intentional self-harm	Diagnosis	ICD-10-CM
T59.6X2A	Toxic effect of hydrogen sulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.6X2D	Toxic effect of hydrogen sulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.6X2S	Toxic effect of hydrogen sulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.7X2	Toxic effect of carbon dioxide, intentional self-harm	Diagnosis	ICD-10-CM
T59.7X2A	Toxic effect of carbon dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.7X2D	Toxic effect of carbon dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.7X2S	Toxic effect of carbon dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.812	Toxic effect of smoke, intentional self-harm	Diagnosis	ICD-10-CM
T59.812A	Toxic effect of smoke, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM



**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T59.812D	Toxic effect of smoke, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.812S	Toxic effect of smoke, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.892	Toxic effect of other specified gases, fumes and vapors, intentional self-harm	Diagnosis	ICD-10-CM
T59.892A	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.892D	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.892S	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.92	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm	Diagnosis	ICD-10-CM
T59.92XA	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.92XD	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.92XS	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.0X2	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.0X2A	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.0X2D	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.0X2S	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.1X2	Toxic effect of halogenated insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.1X2A	Toxic effect of halogenated insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.1X2D	Toxic effect of halogenated insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.1X2S	Toxic effect of halogenated insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.2X2	Toxic effect of other insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.2X2A	Toxic effect of other insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.2X2D	Toxic effect of other insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.2X2S	Toxic effect of other insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.3X2	Toxic effect of herbicides and fungicides, intentional self-harm	Diagnosis	ICD-10-CM
T60.3X2A	Toxic effect of herbicides and fungicides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.3X2D	Toxic effect of herbicides and fungicides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.3X2S	Toxic effect of herbicides and fungicides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.4X2	Toxic effect of rodenticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.4X2A	Toxic effect of rodenticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.4X2D	Toxic effect of rodenticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.4X2S	Toxic effect of rodenticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.8X2	Toxic effect of other pesticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.8X2A	Toxic effect of other pesticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.8X2D	Toxic effect of other pesticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.8X2S	Toxic effect of other pesticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.92	Toxic effect of unspecified pesticide, intentional self-harm	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T60.92XA	Toxic effect of unspecified pesticide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.92XD	Toxic effect of unspecified pesticide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.92XS	Toxic effect of unspecified pesticide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.02	Ciguatera fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.02XA	Ciguatera fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.02XD	Ciguatera fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.02XS	Ciguatera fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.12	Scombroid fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.12XA	Scombroid fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.12XD	Scombroid fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.12XS	Scombroid fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.772	Other fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.772A	Other fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.772D	Other fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.772S	Other fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.782	Other shellfish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.782A	Other shellfish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.782D	Other shellfish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.782S	Other shellfish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.8X2	Toxic effect of other seafood, intentional self-harm	Diagnosis	ICD-10-CM
T61.8X2A	Toxic effect of other seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.8X2D	Toxic effect of other seafood, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.8X2S	Toxic effect of other seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.92	Toxic effect of unspecified seafood, intentional self-harm	Diagnosis	ICD-10-CM
T61.92XA	Toxic effect of unspecified seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.92XD	Toxic effect of unspecified seafood, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.92XS	Toxic effect of unspecified seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.0X2	Toxic effect of ingested mushrooms, intentional self-harm	Diagnosis	ICD-10-CM
T62.0X2A	Toxic effect of ingested mushrooms, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.0X2D	Toxic effect of ingested mushrooms, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.0X2S	Toxic effect of ingested mushrooms, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.1X2	Toxic effect of ingested berries, intentional self-harm	Diagnosis	ICD-10-CM
T62.1X2A	Toxic effect of ingested berries, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.1X2D	Toxic effect of ingested berries, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.1X2S	Toxic effect of ingested berries, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.2X2	Toxic effect of other ingested (parts of) plant(s), intentional self-harm	Diagnosis	ICD-10-CM
T62.2X2A	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.2X2D	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.2X2S	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.8X2	Toxic effect of other specified noxious substances eaten as food, intentional self-harm	Diagnosis	ICD-10-CM
T62.8X2A	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T62.8X2D	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.8X2S	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.92	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm	Diagnosis	ICD-10-CM
T62.92XA	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.92XD	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.92XS	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.002	Toxic effect of unspecified snake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.002A	Toxic effect of unspecified snake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.002D	Toxic effect of unspecified snake venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.002S	Toxic effect of unspecified snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.012	Toxic effect of rattlesnake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.012A	Toxic effect of rattlesnake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.012D	Toxic effect of rattlesnake venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.012S	Toxic effect of rattlesnake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.022	Toxic effect of coral snake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.022A	Toxic effect of coral snake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.022D	Toxic effect of coral snake venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.022S	Toxic effect of coral snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.032	Toxic effect of taipan venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.032A	Toxic effect of taipan venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.032D	Toxic effect of taipan venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.032S	Toxic effect of taipan venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.042	Toxic effect of cobra venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.042A	Toxic effect of cobra venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.042D	Toxic effect of cobra venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.042S	Toxic effect of cobra venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.062	Toxic effect of venom of other North and South American snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.062A	Toxic effect of venom of other North and South American snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.062D	Toxic effect of venom of other North and South American snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.062S	Toxic effect of venom of other North and South American snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.072	Toxic effect of venom of other Australian snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.072A	Toxic effect of venom of other Australian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.072D	Toxic effect of venom of other Australian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.072S	Toxic effect of venom of other Australian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T63.082	Toxic effect of venom of other African and Asian snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.082A	Toxic effect of venom of other African and Asian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.082D	Toxic effect of venom of other African and Asian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.082S	Toxic effect of venom of other African and Asian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.092	Toxic effect of venom of other snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.092A	Toxic effect of venom of other snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.092D	Toxic effect of venom of other snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.092S	Toxic effect of venom of other snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.112	Toxic effect of venom of gila monster, intentional self-harm	Diagnosis	ICD-10-CM
T63.112A	Toxic effect of venom of gila monster, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.112D	Toxic effect of venom of gila monster, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.112S	Toxic effect of venom of gila monster, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.122	Toxic effect of venom of other venomous lizard, intentional self-harm	Diagnosis	ICD-10-CM
T63.122A	Toxic effect of venom of other venomous lizard, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.122D	Toxic effect of venom of other venomous lizard, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.122S	Toxic effect of venom of other venomous lizard, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.192	Toxic effect of venom of other reptiles, intentional self-harm	Diagnosis	ICD-10-CM
T63.192A	Toxic effect of venom of other reptiles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.192D	Toxic effect of venom of other reptiles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.192S	Toxic effect of venom of other reptiles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.2X2	Toxic effect of venom of scorpion, intentional self-harm	Diagnosis	ICD-10-CM
T63.2X2A	Toxic effect of venom of scorpion, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.2X2D	Toxic effect of venom of scorpion, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.2X2S	Toxic effect of venom of scorpion, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.302	Toxic effect of unspecified spider venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.302A	Toxic effect of unspecified spider venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.302D	Toxic effect of unspecified spider venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.302S	Toxic effect of unspecified spider venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.312	Toxic effect of venom of black widow spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.312A	Toxic effect of venom of black widow spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.312D	Toxic effect of venom of black widow spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.312S	Toxic effect of venom of black widow spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.322	Toxic effect of venom of tarantula, intentional self-harm	Diagnosis	ICD-10-CM
T63.322A	Toxic effect of venom of tarantula, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.322D	Toxic effect of venom of tarantula, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.322S	Toxic effect of venom of tarantula, intentional self-harm, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T63.332	Toxic effect of venom of brown recluse spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.332A	Toxic effect of venom of brown recluse spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.332D	Toxic effect of venom of brown recluse spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.332S	Toxic effect of venom of brown recluse spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.392	Toxic effect of venom of other spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.392A	Toxic effect of venom of other spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.392D	Toxic effect of venom of other spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.392S	Toxic effect of venom of other spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.412	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm	Diagnosis	ICD-10-CM
T63.412A	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.412D	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.412S	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.422	Toxic effect of venom of ants, intentional self-harm	Diagnosis	ICD-10-CM
T63.422A	Toxic effect of venom of ants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.422D	Toxic effect of venom of ants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.422S	Toxic effect of venom of ants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.432	Toxic effect of venom of caterpillars, intentional self-harm	Diagnosis	ICD-10-CM
T63.432A	Toxic effect of venom of caterpillars, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.432D	Toxic effect of venom of caterpillars, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.432S	Toxic effect of venom of caterpillars, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.442	Toxic effect of venom of bees, intentional self-harm	Diagnosis	ICD-10-CM
T63.442A	Toxic effect of venom of bees, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.442D	Toxic effect of venom of bees, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.442S	Toxic effect of venom of bees, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.452	Toxic effect of venom of hornets, intentional self-harm	Diagnosis	ICD-10-CM
T63.452A	Toxic effect of venom of hornets, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.452D	Toxic effect of venom of hornets, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.452S	Toxic effect of venom of hornets, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.462	Toxic effect of venom of wasps, intentional self-harm	Diagnosis	ICD-10-CM
T63.462A	Toxic effect of venom of wasps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.462D	Toxic effect of venom of wasps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.462S	Toxic effect of venom of wasps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.482	Toxic effect of venom of other arthropod, intentional self-harm	Diagnosis	ICD-10-CM
T63.482A	Toxic effect of venom of other arthropod, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.482D	Toxic effect of venom of other arthropod, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.482S	Toxic effect of venom of other arthropod, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.512	Toxic effect of contact with stingray, intentional self-harm	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T63.512A	Toxic effect of contact with stingray, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.512D	Toxic effect of contact with stingray, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.512S	Toxic effect of contact with stingray, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.592	Toxic effect of contact with other venomous fish, intentional self-harm	Diagnosis	ICD-10-CM
T63.592A	Toxic effect of contact with other venomous fish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.592D	Toxic effect of contact with other venomous fish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.592S	Toxic effect of contact with other venomous fish, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.612	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm	Diagnosis	ICD-10-CM
T63.612A	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.612D	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.612S	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.622	Toxic effect of contact with other jellyfish, intentional self-harm	Diagnosis	ICD-10-CM
T63.622A	Toxic effect of contact with other jellyfish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.622D	Toxic effect of contact with other jellyfish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.622S	Toxic effect of contact with other jellyfish, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.632	Toxic effect of contact with sea anemone, intentional self-harm	Diagnosis	ICD-10-CM
T63.632A	Toxic effect of contact with sea anemone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.632D	Toxic effect of contact with sea anemone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.632S	Toxic effect of contact with sea anemone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.692	Toxic effect of contact with other venomous marine animals, intentional self-harm	Diagnosis	ICD-10-CM
T63.692A	Toxic effect of contact with other venomous marine animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.692D	Toxic effect of contact with other venomous marine animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.692S	Toxic effect of contact with other venomous marine animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.712	Toxic effect of contact with venomous marine plant, intentional self-harm	Diagnosis	ICD-10-CM
T63.712A	Toxic effect of contact with venomous marine plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.712D	Toxic effect of contact with venomous marine plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.712S	Toxic effect of contact with venomous marine plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.792	Toxic effect of contact with other venomous plant, intentional self-harm	Diagnosis	ICD-10-CM
T63.792A	Toxic effect of contact with other venomous plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T63.792D	Toxic effect of contact with other venomous plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.792S	Toxic effect of contact with other venomous plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.812	Toxic effect of contact with venomous frog, intentional self-harm	Diagnosis	ICD-10-CM
T63.812A	Toxic effect of contact with venomous frog, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.812D	Toxic effect of contact with venomous frog, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.812S	Toxic effect of contact with venomous frog, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.822	Toxic effect of contact with venomous toad, intentional self-harm	Diagnosis	ICD-10-CM
T63.822A	Toxic effect of contact with venomous toad, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.822D	Toxic effect of contact with venomous toad, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.822S	Toxic effect of contact with venomous toad, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.832	Toxic effect of contact with other venomous amphibian, intentional self-harm	Diagnosis	ICD-10-CM
T63.832A	Toxic effect of contact with other venomous amphibian, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.832D	Toxic effect of contact with other venomous amphibian, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.832S	Toxic effect of contact with other venomous amphibian, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.892	Toxic effect of contact with other venomous animals, intentional self-harm	Diagnosis	ICD-10-CM
T63.892A	Toxic effect of contact with other venomous animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.892D	Toxic effect of contact with other venomous animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.892S	Toxic effect of contact with other venomous animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.92	Toxic effect of contact with unspecified venomous animal, intentional self-harm	Diagnosis	ICD-10-CM
T63.92XA	Toxic effect of contact with unspecified venomous animal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.92XD	Toxic effect of contact with unspecified venomous animal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.92XS	Toxic effect of contact with unspecified venomous animal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T64.02	Toxic effect of aflatoxin, intentional self-harm	Diagnosis	ICD-10-CM
T64.02XA	Toxic effect of aflatoxin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.02XD	Toxic effect of aflatoxin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T64.02XS	Toxic effect of aflatoxin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T64.82	Toxic effect of other mycotoxin food contaminants, intentional self-harm	Diagnosis	ICD-10-CM
T64.82XA	Toxic effect of other mycotoxin food contaminants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.82XD	Toxic effect of other mycotoxin food contaminants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T64.82XS	Toxic effect of other mycotoxin food contaminants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.0X2	Toxic effect of cyanides, intentional self-harm	Diagnosis	ICD-10-CM
T65.0X2A	Toxic effect of cyanides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.0X2D	Toxic effect of cyanides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.0X2S	Toxic effect of cyanides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.1X2	Toxic effect of strychnine and its salts, intentional self-harm	Diagnosis	ICD-10-CM
T65.1X2A	Toxic effect of strychnine and its salts, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.1X2D	Toxic effect of strychnine and its salts, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.1X2S	Toxic effect of strychnine and its salts, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.212	Toxic effect of chewing tobacco, intentional self-harm	Diagnosis	ICD-10-CM
T65.212A	Toxic effect of chewing tobacco, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.212D	Toxic effect of chewing tobacco, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.212S	Toxic effect of chewing tobacco, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.222	Toxic effect of tobacco cigarettes, intentional self-harm	Diagnosis	ICD-10-CM
T65.222A	Toxic effect of tobacco cigarettes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.222D	Toxic effect of tobacco cigarettes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.222S	Toxic effect of tobacco cigarettes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.292	Toxic effect of other tobacco and nicotine, intentional self-harm	Diagnosis	ICD-10-CM
T65.292A	Toxic effect of other tobacco and nicotine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.292D	Toxic effect of other tobacco and nicotine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.292S	Toxic effect of other tobacco and nicotine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.3X2	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm	Diagnosis	ICD-10-CM
T65.3X2A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.3X2D	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.3X2S	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.4X2	Toxic effect of carbon disulfide, intentional self-harm	Diagnosis	ICD-10-CM
T65.4X2A	Toxic effect of carbon disulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.4X2D	Toxic effect of carbon disulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.4X2S	Toxic effect of carbon disulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.5X2	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm	Diagnosis	ICD-10-CM
T65.5X2A	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.5X2D	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.5X2S	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.6X2	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM



**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T65.6X2A	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.6X2D	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.6X2S	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.812	Toxic effect of latex, intentional self-harm	Diagnosis	ICD-10-CM
T65.812A	Toxic effect of latex, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.812D	Toxic effect of latex, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.812S	Toxic effect of latex, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.822	Toxic effect of harmful algae and algae toxins, intentional self-harm	Diagnosis	ICD-10-CM
T65.822A	Toxic effect of harmful algae and algae toxins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.822D	Toxic effect of harmful algae and algae toxins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.822S	Toxic effect of harmful algae and algae toxins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.832	Toxic effect of fiberglass, intentional self-harm	Diagnosis	ICD-10-CM
T65.832A	Toxic effect of fiberglass, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.832D	Toxic effect of fiberglass, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.832S	Toxic effect of fiberglass, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.892	Toxic effect of other specified substances, intentional self-harm	Diagnosis	ICD-10-CM
T65.892A	Toxic effect of other specified substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.892D	Toxic effect of other specified substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.892S	Toxic effect of other specified substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.92	Toxic effect of unspecified substance, intentional self-harm	Diagnosis	ICD-10-CM
T65.92XA	Toxic effect of unspecified substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.92XD	Toxic effect of unspecified substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.92XS	Toxic effect of unspecified substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.112	Asphyxiation due to smothering under pillow, intentional self-harm	Diagnosis	ICD-10-CM
T71.112A	Asphyxiation due to smothering under pillow, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.112D	Asphyxiation due to smothering under pillow, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.112S	Asphyxiation due to smothering under pillow, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.122	Asphyxiation due to plastic bag, intentional self-harm	Diagnosis	ICD-10-CM
T71.122A	Asphyxiation due to plastic bag, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.122D	Asphyxiation due to plastic bag, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.122S	Asphyxiation due to plastic bag, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.132	Asphyxiation due to being trapped in bed linens, intentional self-harm	Diagnosis	ICD-10-CM
T71.132A	Asphyxiation due to being trapped in bed linens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.132D	Asphyxiation due to being trapped in bed linens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.132S	Asphyxiation due to being trapped in bed linens, intentional self-harm, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
T71.152	Asphyxiation due to smothering in furniture, intentional self-harm	Diagnosis	ICD-10-CM
T71.152A	Asphyxiation due to smothering in furniture, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.152D	Asphyxiation due to smothering in furniture, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.152S	Asphyxiation due to smothering in furniture, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.162	Asphyxiation due to hanging, intentional self-harm	Diagnosis	ICD-10-CM
T71.162A	Asphyxiation due to hanging, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.162D	Asphyxiation due to hanging, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.162S	Asphyxiation due to hanging, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.192	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm	Diagnosis	ICD-10-CM
T71.192A	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.192D	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.192S	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.222	Asphyxiation due to being trapped in a car trunk, intentional self-harm	Diagnosis	ICD-10-CM
T71.222A	Asphyxiation due to being trapped in a car trunk, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.222D	Asphyxiation due to being trapped in a car trunk, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.222S	Asphyxiation due to being trapped in a car trunk, intentional self-harm,	Diagnosis	ICD-10-CM
T71.232	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm	Diagnosis	ICD-10-CM
T71.232A	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.232D	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.232S	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, sequela	Diagnosis	ICD-10-CM
X71	Intentional self-harm by drowning and submersion	Diagnosis	ICD-10-CM
X71.0	Intentional self-harm by drowning and submersion while in bathtub	Diagnosis	ICD-10-CM
X71.0XXA	Intentional self-harm by drowning and submersion while in bathtub, initial encounter	Diagnosis	ICD-10-CM
X71.0XXD	Intentional self-harm by drowning and submersion while in bathtub, subsequent encounter	Diagnosis	ICD-10-CM
X71.0XXS	Intentional self-harm by drowning and submersion while in bathtub, sequela	Diagnosis	ICD-10-CM
X71.1	Intentional self-harm by drowning and submersion while in swimming pool	Diagnosis	ICD-10-CM
X71.1XXA	Intentional self-harm by drowning and submersion while in swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.1XXD	Intentional self-harm by drowning and submersion while in swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.1XXS	Intentional self-harm by drowning and submersion while in swimming pool, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
X71.2	Intentional self-harm by drowning and submersion after jump into swimming pool	Diagnosis	ICD-10-CM
X71.2XXA	Intentional self-harm by drowning and submersion after jump into swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.2XXD	Intentional self-harm by drowning and submersion after jump into swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.2XXS	Intentional self-harm by drowning and submersion after jump into swimming pool, sequela	Diagnosis	ICD-10-CM
X71.3	Intentional self-harm by drowning and submersion in natural water	Diagnosis	ICD-10-CM
X71.3XXA	Intentional self-harm by drowning and submersion in natural water, initial encounter	Diagnosis	ICD-10-CM
X71.3XXD	Intentional self-harm by drowning and submersion in natural water, subsequent encounter	Diagnosis	ICD-10-CM
X71.3XXS	Intentional self-harm by drowning and submersion in natural water, sequela	Diagnosis	ICD-10-CM
X71.8	Other intentional self-harm by drowning and submersion	Diagnosis	ICD-10-CM
X71.8XXA	Other intentional self-harm by drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
X71.8XXD	Other intentional self-harm by drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
X71.8XXS	Other intentional self-harm by drowning and submersion, sequela	Diagnosis	ICD-10-CM
X71.9	Intentional self-harm by drowning and submersion, unspecified	Diagnosis	ICD-10-CM
X71.9XXA	Intentional self-harm by drowning and submersion, unspecified, initial encounter	Diagnosis	ICD-10-CM
X71.9XXD	Intentional self-harm by drowning and submersion, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
X71.9XXS	Intentional self-harm by drowning and submersion, unspecified, sequela	Diagnosis	ICD-10-CM
X72	Intentional self-harm by handgun discharge	Diagnosis	ICD-10-CM
X72.XXXA	Intentional self-harm by handgun discharge, initial encounter	Diagnosis	ICD-10-CM
X72.XXXD	Intentional self-harm by handgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X72.XXXS	Intentional self-harm by handgun discharge, sequela	Diagnosis	ICD-10-CM
X73	Intentional self-harm by rifle, shotgun and larger firearm discharge	Diagnosis	ICD-10-CM
X73.0	Intentional self-harm by shotgun discharge	Diagnosis	ICD-10-CM
X73.0XXA	Intentional self-harm by shotgun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.0XXD	Intentional self-harm by shotgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.0XXS	Intentional self-harm by shotgun discharge, sequela	Diagnosis	ICD-10-CM
X73.1	Intentional self-harm by hunting rifle discharge	Diagnosis	ICD-10-CM
X73.1XXA	Intentional self-harm by hunting rifle discharge, initial encounter	Diagnosis	ICD-10-CM
X73.1XXD	Intentional self-harm by hunting rifle discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.1XXS	Intentional self-harm by hunting rifle discharge, sequela	Diagnosis	ICD-10-CM
X73.2	Intentional self-harm by machine gun discharge	Diagnosis	ICD-10-CM
X73.2XXA	Intentional self-harm by machine gun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.2XXD	Intentional self-harm by machine gun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.2XXS	Intentional self-harm by machine gun discharge, sequela	Diagnosis	ICD-10-CM
X73.8	Intentional self-harm by other larger firearm discharge	Diagnosis	ICD-10-CM
X73.8XXA	Intentional self-harm by other larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.8XXD	Intentional self-harm by other larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.8XXS	Intentional self-harm by other larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X73.9	Intentional self-harm by unspecified larger firearm discharge	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
X73.9XXA	Intentional self-harm by unspecified larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.9XXD	Intentional self-harm by unspecified larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.9XXS	Intentional self-harm by unspecified larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X74	Intentional self-harm by other and unspecified firearm and gun discharge	Diagnosis	ICD-10-CM
X74.0	Intentional self-harm by gas, air or spring-operated guns	Diagnosis	ICD-10-CM
X74.01	Intentional self-harm by airgun	Diagnosis	ICD-10-CM
X74.01XA	Intentional self-harm by airgun, initial encounter	Diagnosis	ICD-10-CM
X74.01XD	Intentional self-harm by airgun, subsequent encounter	Diagnosis	ICD-10-CM
X74.01XS	Intentional self-harm by airgun, sequela	Diagnosis	ICD-10-CM
X74.02	Intentional self-harm by paintball gun	Diagnosis	ICD-10-CM
X74.02XA	Intentional self-harm by paintball gun, initial encounter	Diagnosis	ICD-10-CM
X74.02XD	Intentional self-harm by paintball gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.02XS	Intentional self-harm by paintball gun, sequela	Diagnosis	ICD-10-CM
X74.09	Intentional self-harm by other gas, air or spring-operated gun	Diagnosis	ICD-10-CM
X74.09XA	Intentional self-harm by other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
X74.09XD	Intentional self-harm by other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.09XS	Intentional self-harm by other gas, air or spring-operated gun, sequela	Diagnosis	ICD-10-CM
X74.8	Intentional self-harm by other firearm discharge	Diagnosis	ICD-10-CM
X74.8XXA	Intentional self-harm by other firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.8XXD	Intentional self-harm by other firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.8XXS	Intentional self-harm by other firearm discharge, sequela	Diagnosis	ICD-10-CM
X74.9	Intentional self-harm by unspecified firearm discharge	Diagnosis	ICD-10-CM
X74.9XXA	Intentional self-harm by unspecified firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.9XXD	Intentional self-harm by unspecified firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.9XXS	Intentional self-harm by unspecified firearm discharge, sequela	Diagnosis	ICD-10-CM
X75	Intentional self-harm by explosive material	Diagnosis	ICD-10-CM
X75.XXXA	Intentional self-harm by explosive material, initial encounter	Diagnosis	ICD-10-CM
X75.XXXD	Intentional self-harm by explosive material, subsequent encounter	Diagnosis	ICD-10-CM
X75.XXXS	Intentional self-harm by explosive material, sequela	Diagnosis	ICD-10-CM
X76	Intentional self-harm by smoke, fire and flames	Diagnosis	ICD-10-CM
X76.XXXA	Intentional self-harm by smoke, fire and flames, initial encounter	Diagnosis	ICD-10-CM
X76.XXXD	Intentional self-harm by smoke, fire and flames, subsequent encounter	Diagnosis	ICD-10-CM
X76.XXXS	Intentional self-harm by smoke, fire and flames, sequela	Diagnosis	ICD-10-CM
X77	Intentional self-harm by steam, hot vapors and hot objects	Diagnosis	ICD-10-CM
X77.0	Intentional self-harm by steam or hot vapors	Diagnosis	ICD-10-CM
X77.0XXA	Intentional self-harm by steam or hot vapors, initial encounter	Diagnosis	ICD-10-CM
X77.0XXD	Intentional self-harm by steam or hot vapors, subsequent encounter	Diagnosis	ICD-10-CM
X77.0XXS	Intentional self-harm by steam or hot vapors, sequela	Diagnosis	ICD-10-CM
X77.1	Intentional self-harm by hot tap water	Diagnosis	ICD-10-CM
X77.1XXA	Intentional self-harm by hot tap water, initial encounter	Diagnosis	ICD-10-CM
X77.1XXD	Intentional self-harm by hot tap water, subsequent encounter	Diagnosis	ICD-10-CM
X77.1XXS	Intentional self-harm by hot tap water, sequela	Diagnosis	ICD-10-CM
X77.2	Intentional self-harm by other hot fluids	Diagnosis	ICD-10-CM
X77.2XXA	Intentional self-harm by other hot fluids, initial encounter	Diagnosis	ICD-10-CM
X77.2XXD	Intentional self-harm by other hot fluids, subsequent encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
X77.2XXS	Intentional self-harm by other hot fluids, sequela	Diagnosis	ICD-10-CM
X77.3	Intentional self-harm by hot household appliances	Diagnosis	ICD-10-CM
X77.3XXA	Intentional self-harm by hot household appliances, initial encounter	Diagnosis	ICD-10-CM
X77.3XXD	Intentional self-harm by hot household appliances, subsequent encounter	Diagnosis	ICD-10-CM
X77.3XXS	Intentional self-harm by hot household appliances, sequela	Diagnosis	ICD-10-CM
X77.8	Intentional self-harm by other hot objects	Diagnosis	ICD-10-CM
X77.8XXA	Intentional self-harm by other hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.8XXD	Intentional self-harm by other hot objects, subsequent encounter	Diagnosis	ICD-10-CM
X77.8XXS	Intentional self-harm by other hot objects, sequela	Diagnosis	ICD-10-CM
X77.9	Intentional self-harm by unspecified hot objects	Diagnosis	ICD-10-CM
X77.9XXA	Intentional self-harm by unspecified hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.9XXD	Intentional self-harm by unspecified hot objects, subsequent encounter	Diagnosis	ICD-10-CM
X77.9XXS	Intentional self-harm by unspecified hot objects, sequela	Diagnosis	ICD-10-CM
X78	Intentional self-harm by sharp object	Diagnosis	ICD-10-CM
X78.0	Intentional self-harm by sharp glass	Diagnosis	ICD-10-CM
X78.0XXA	Intentional self-harm by sharp glass, initial encounter	Diagnosis	ICD-10-CM
X78.0XXD	Intentional self-harm by sharp glass, subsequent encounter	Diagnosis	ICD-10-CM
X78.0XXS	Intentional self-harm by sharp glass, sequela	Diagnosis	ICD-10-CM
X78.1	Intentional self-harm by knife	Diagnosis	ICD-10-CM
X78.1XXA	Intentional self-harm by knife, initial encounter	Diagnosis	ICD-10-CM
X78.1XXD	Intentional self-harm by knife, subsequent encounter	Diagnosis	ICD-10-CM
X78.1XXS	Intentional self-harm by knife, sequela	Diagnosis	ICD-10-CM
X78.2	Intentional self-harm by sword or dagger	Diagnosis	ICD-10-CM
X78.2XXA	Intentional self-harm by sword or dagger, initial encounter	Diagnosis	ICD-10-CM
X78.2XXD	Intentional self-harm by sword or dagger, subsequent encounter	Diagnosis	ICD-10-CM
X78.2XXS	Intentional self-harm by sword or dagger, sequela	Diagnosis	ICD-10-CM
X78.8	Intentional self-harm by other sharp object	Diagnosis	ICD-10-CM
X78.8XXA	Intentional self-harm by other sharp object, initial encounter	Diagnosis	ICD-10-CM
X78.8XXD	Intentional self-harm by other sharp object, subsequent encounter	Diagnosis	ICD-10-CM
X78.8XXS	Intentional self-harm by other sharp object, sequela	Diagnosis	ICD-10-CM
X78.9	Intentional self-harm by unspecified sharp object	Diagnosis	ICD-10-CM
X78.9XXA	Intentional self-harm by unspecified sharp object, initial encounter	Diagnosis	ICD-10-CM
X78.9XXD	Intentional self-harm by unspecified sharp object, subsequent encounter	Diagnosis	ICD-10-CM
X78.9XXS	Intentional self-harm by unspecified sharp object, sequela	Diagnosis	ICD-10-CM
X79	Intentional self-harm by blunt object	Diagnosis	ICD-10-CM
X79.XXXA	Intentional self-harm by blunt object, initial encounter	Diagnosis	ICD-10-CM
X79.XXXD	Intentional self-harm by blunt object, subsequent encounter	Diagnosis	ICD-10-CM
X79.XXXS	Intentional self-harm by blunt object, sequela	Diagnosis	ICD-10-CM
X80	Intentional self-harm by jumping from a high place	Diagnosis	ICD-10-CM
X80.XXXA	Intentional self-harm by jumping from a high place, initial encounter	Diagnosis	ICD-10-CM
X80.XXXD	Intentional self-harm by jumping from a high place, subsequent encounter	Diagnosis	ICD-10-CM
X80.XXXS	Intentional self-harm by jumping from a high place, sequela	Diagnosis	ICD-10-CM
X81	Intentional self-harm by jumping or lying in front of moving object	Diagnosis	ICD-10-CM
X81.0	Intentional self-harm by jumping or lying in front of motor vehicle	Diagnosis	ICD-10-CM
X81.0XXA	Intentional self-harm by jumping or lying in front of motor vehicle, initial encounter	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

Code	Description	Code Category	Code Type
X81.0XXD	Intentional self-harm by jumping or lying in front of motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X81.0XXS	Intentional self-harm by jumping or lying in front of motor vehicle, sequela	Diagnosis	ICD-10-CM
X81.1	Intentional self-harm by jumping or lying in front of (subway) train	Diagnosis	ICD-10-CM
X81.1XXA	Intentional self-harm by jumping or lying in front of (subway) train, initial encounter	Diagnosis	ICD-10-CM
X81.1XXD	Intentional self-harm by jumping or lying in front of (subway) train, subsequent encounter	Diagnosis	ICD-10-CM
X81.1XXS	Intentional self-harm by jumping or lying in front of (subway) train, sequela	Diagnosis	ICD-10-CM
X81.8	Intentional self-harm by jumping or lying in front of other moving object	Diagnosis	ICD-10-CM
X81.8XXA	Intentional self-harm by jumping or lying in front of other moving object, initial encounter	Diagnosis	ICD-10-CM
X81.8XXD	Intentional self-harm by jumping or lying in front of other moving object, subsequent encounter	Diagnosis	ICD-10-CM
X81.8XXS	Intentional self-harm by jumping or lying in front of other moving object, sequela	Diagnosis	ICD-10-CM
X82	Intentional self-harm by crashing of motor vehicle	Diagnosis	ICD-10-CM
X82.0	Intentional collision of motor vehicle with other motor vehicle	Diagnosis	ICD-10-CM
X82.0XXA	Intentional collision of motor vehicle with other motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X82.0XXD	Intentional collision of motor vehicle with other motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X82.0XXS	Intentional collision of motor vehicle with other motor vehicle, sequela	Diagnosis	ICD-10-CM
X82.1	Intentional collision of motor vehicle with train	Diagnosis	ICD-10-CM
X82.1XXA	Intentional collision of motor vehicle with train, initial encounter	Diagnosis	ICD-10-CM
X82.1XXD	Intentional collision of motor vehicle with train, subsequent encounter	Diagnosis	ICD-10-CM
X82.1XXS	Intentional collision of motor vehicle with train, sequela	Diagnosis	ICD-10-CM
X82.2	Intentional collision of motor vehicle with tree	Diagnosis	ICD-10-CM
X82.2XXA	Intentional collision of motor vehicle with tree, initial encounter	Diagnosis	ICD-10-CM
X82.2XXD	Intentional collision of motor vehicle with tree, subsequent encounter	Diagnosis	ICD-10-CM
X82.2XXS	Intentional collision of motor vehicle with tree, sequela	Diagnosis	ICD-10-CM
X82.8	Other intentional self-harm by crashing of motor vehicle	Diagnosis	ICD-10-CM
X82.8XXA	Other intentional self-harm by crashing of motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X82.8XXD	Other intentional self-harm by crashing of motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X82.8XXS	Other intentional self-harm by crashing of motor vehicle, sequela	Diagnosis	ICD-10-CM
X83	Intentional self-harm by other specified means	Diagnosis	ICD-10-CM
X83.0	Intentional self-harm by crashing of aircraft	Diagnosis	ICD-10-CM
X83.0XXA	Intentional self-harm by crashing of aircraft, initial encounter	Diagnosis	ICD-10-CM
X83.0XXD	Intentional self-harm by crashing of aircraft, subsequent encounter	Diagnosis	ICD-10-CM
X83.0XXS	Intentional self-harm by crashing of aircraft, sequela	Diagnosis	ICD-10-CM
X83.1	Intentional self-harm by electrocution	Diagnosis	ICD-10-CM
X83.1XXA	Intentional self-harm by electrocution, initial encounter	Diagnosis	ICD-10-CM
X83.1XXD	Intentional self-harm by electrocution, subsequent encounter	Diagnosis	ICD-10-CM
X83.1XXS	Intentional self-harm by electrocution, sequela	Diagnosis	ICD-10-CM
X83.2	Intentional self-harm by exposure to extremes of cold	Diagnosis	ICD-10-CM
X83.2XXA	Intentional self-harm by exposure to extremes of cold, initial encounter	Diagnosis	ICD-10-CM
X83.2XXD	Intentional self-harm by exposure to extremes of cold, subsequent encounter	Diagnosis	ICD-10-CM
X83.2XXS	Intentional self-harm by exposure to extremes of cold, sequela	Diagnosis	ICD-10-CM

**Appendix X. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Outcomes in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
X83.8	Intentional self-harm by other specified means	Diagnosis	ICD-10-CM
X83.8XXA	Intentional self-harm by other specified means, initial encounter	Diagnosis	ICD-10-CM
X83.8XXD	Intentional self-harm by other specified means, subsequent encounter	Diagnosis	ICD-10-CM
X83.8XXS	Intentional self-harm by other specified means, sequela	Diagnosis	ICD-10-CM

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

<b>Generic Name</b>	<b>Brand Name</b>
<b>Montelukast</b>	
montelukast sodium	Singulair
montelukast sodium	montelukast
<b>Inhaled Corticosteroids (ICS) Monotherapy</b>	
beclomethasone dipropionate	Qvar
beclomethasone dipropionate	Qvar RediHaler
budesonide	Pulmicort
budesonide	Pulmicort Flexhaler
budesonide	budesonide
ciclesonide	Alvesco
flunisolide	Aerospan
fluticasone furoate	Arnuity Ellipta
fluticasone propionate	ArmonAir Digihaler
fluticasone propionate	ArmonAir RespiClick
fluticasone propionate	Flovent Diskus
fluticasone propionate	Flovent HFA
mometasone furoate	Asmanex HFA
mometasone furoate	Asmanex Twisthaler



**Appendix Z. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Inclusion Criteria in this Request**

Code	Description	Code Category	Code Type
<b>Asthma</b>			
493.0	Extrinsic asthma	Diagnosis	ICD-9-CM
493.00	Extrinsic asthma, unspecified	Diagnosis	ICD-9-CM
493.02	Extrinsic asthma, with (acute) exacerbation	Diagnosis	ICD-9-CM
493.1	Intrinsic asthma	Diagnosis	ICD-9-CM
493.10	Intrinsic asthma, unspecified	Diagnosis	ICD-9-CM
493.12	Intrinsic asthma, with (acute) exacerbation	Diagnosis	ICD-9-CM
493.20	Chronic obstructive asthma, unspecified ICD-9-CM	Diagnosis	ICD-9-CM
493.21	Chronic obstructive asthma with status asthmaticus ICD-9-CM	Diagnosis	ICD-9-CM
493.22	Chronic obstructive asthma, with (acute) exacerbation ICD-9-CM	Diagnosis	ICD-9-CM
493.8	Other forms of asthma	Diagnosis	ICD-9-CM
493.82	Cough variant asthma	Diagnosis	ICD-9-CM
493.9	Unspecified asthma	Diagnosis	ICD-9-CM
493.90	Asthma, unspecified, unspecified status	Diagnosis	ICD-9-CM
493.92	Asthma, unspecified, with (acute) exacerbation	Diagnosis	ICD-9-CM
J45	Asthma	Diagnosis	ICD-10-CM
J45.2	Mild intermittent asthma	Diagnosis	ICD-10-CM
J45.20	Mild intermittent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.21	Mild intermittent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.3	Mild persistent asthma	Diagnosis	ICD-10-CM
J45.30	Mild persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.31	Mild persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.4	Moderate persistent asthma	Diagnosis	ICD-10-CM
J45.40	Moderate persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.41	Moderate persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.5	Severe persistent asthma	Diagnosis	ICD-10-CM
J45.50	Severe persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.51	Severe persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.9	Other and unspecified asthma	Diagnosis	ICD-10-CM
J45.90	Unspecified asthma	Diagnosis	ICD-10-CM
J45.901	Unspecified asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.909	Unspecified asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.99	Other asthma	Diagnosis	ICD-10-CM
J45.991	Cough variant asthma	Diagnosis	ICD-10-CM
J45.998	Other asthma	Diagnosis	ICD-10-CM
<b>Chronic Obstructive Pulmonary Disease (COPD)</b>			
490	Bronchitis, not specified as acute or chronic	Diagnosis	ICD-9-CM
491	Chronic bronchitis	Diagnosis	ICD-9-CM
491.0	Simple chronic bronchitis	Diagnosis	ICD-9-CM
491.1	Mucopurulent chronic bronchitis	Diagnosis	ICD-9-CM
491.2	Obstructive chronic bronchitis	Diagnosis	ICD-9-CM
491.20	Obstructive chronic bronchitis, without exacerbation	Diagnosis	ICD-9-CM
491.21	Obstructive chronic bronchitis, with (acute) exacerbation	Diagnosis	ICD-9-CM
491.22	Obstructive chronic bronchitis with acute bronchitis	Diagnosis	ICD-9-CM
491.8	Other chronic bronchitis	Diagnosis	ICD-9-CM
491.9	Unspecified chronic bronchitis	Diagnosis	ICD-9-CM
492	Emphysema	Diagnosis	ICD-9-CM
492.0	Emphysematous bleb	Diagnosis	ICD-9-CM

**Appendix Z. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Inclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
492.8	Other emphysema	Diagnosis	ICD-9-CM
493.2	Chronic obstructive asthma	Diagnosis	ICD-9-CM
493.20	Chronic obstructive asthma, unspecified	Diagnosis	ICD-9-CM
493.21	Chronic obstructive asthma with status asthmaticus	Diagnosis	ICD-9-CM
493.22	Chronic obstructive asthma, with (acute) exacerbation	Diagnosis	ICD-9-CM
494	Bronchiectasis	Diagnosis	ICD-9-CM
494.0	Bronchiectasis without acute exacerbation	Diagnosis	ICD-9-CM
494.1	Bronchiectasis with acute exacerbation	Diagnosis	ICD-9-CM
496	Chronic airway obstruction, not elsewhere classified	Diagnosis	ICD-9-CM
J41	Simple and mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J41.0	Simple chronic bronchitis	Diagnosis	ICD-10-CM
J41.1	Mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J41.8	Mixed simple and mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J42	Unspecified chronic bronchitis	Diagnosis	ICD-10-CM
J43	Emphysema	Diagnosis	ICD-10-CM
J43.1	Panlobular emphysema	Diagnosis	ICD-10-CM
J43.2	Centrilobular emphysema	Diagnosis	ICD-10-CM
J43.8	Other emphysema	Diagnosis	ICD-10-CM
J43.9	Emphysema, unspecified	Diagnosis	ICD-10-CM
J44	Other chronic obstructive pulmonary disease	Diagnosis	ICD-10-CM
J44.0	Chronic obstructive pulmonary disease with (acute) lower respiratory infection	Diagnosis	ICD-10-CM
J44.1	Chronic obstructive pulmonary disease with (acute) exacerbation	Diagnosis	ICD-10-CM
J44.9	Chronic obstructive pulmonary disease, unspecified	Diagnosis	ICD-10-CM

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

Generic Name	Brand Name
<b>Montelukast</b>	
montelukast sodium	Singulair
montelukast sodium	montelukast
<b>Inhaled Corticosteroids (ICS) Monotherapy</b>	
beclomethasone dipropionate	Qvar
beclomethasone dipropionate	Qvar RediHaler
budesonide	Pulmicort
budesonide	Pulmicort Flexhaler
budesonide	budesonide
ciclesonide	Alvesco
flunisolide	Aerospan
fluticasone furoate	Arnuity Ellipta
fluticasone propionate	ArmonAir Digihaler
fluticasone propionate	ArmonAir RespiClick
fluticasone propionate	Flovent Diskus
fluticasone propionate	Flovent HFA
mometasone furoate	Asmanex HFA
mometasone furoate	Asmanex Twisthaler
<b>Long-Acting Beta-Agonists (LABAs)</b>	
acclidinium bromide/formoterol fumarate	Duaklir Pressair
arformoterol tartrate	Brovana
arformoterol tartrate	arformoterol
formoterol fumarate	Foradil Aerolizer
formoterol fumarate	Perforomist
formoterol fumarate	formoterol fumarate
glycopyrrolate/formoterol fumarate	Bevespi Aerosphere
indacaterol maleate	Arcapta Neohaler
indacaterol maleate/glycopyrrolate	Utibron Neohaler
olodaterol HCl	Striverdi Respimat
salmeterol xinafoate	Serevent Diskus
tiotropium bromide/olodaterol HCl	Stiolto Respimat
<b>Inhaled Corticosteroids (ICS) Long-Acting Beta-Agonists (LABAs)</b>	
budesonide/formoterol fumarate	Symbicort
budesonide/formoterol fumarate	budesonide-formoterol
budesonide/glycopyrrolate/formoterol fumarate	Breztri Aerosphere
fluticasone furoate/vilanterol trifenate	Breo Ellipta
fluticasone propionate/salmeterol xinafoate	Advair Diskus
fluticasone propionate/salmeterol xinafoate	Advair HFA
fluticasone propionate/salmeterol xinafoate	AirDuo Digihaler
fluticasone propionate/salmeterol xinafoate	AirDuo RespiClick
fluticasone propionate/salmeterol xinafoate	Wixela Inhub
fluticasone propionate/salmeterol xinafoate	fluticasone propion-salmeterol
mometasone furoate/formoterol fumarate	Dulera
<b>Leukotriene Receptor Antagonists (LTRAs)</b>	
zafirlukast	Accolate
zafirlukast	zafirlukast
zileuton	Zyflo
zileuton	Zyflo CR

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

Generic Name	Brand Name
zileuton	zileuton
<b>Oral Corticosteroids</b>	
cortisone acetate	cortisone
dexamethasone	Decadron
dexamethasone	DexPak 10 day
dexamethasone	DexPak 13 Day
dexamethasone	DexPak 6 Day
dexamethasone	Dexabliss
dexamethasone	Dexamethasone Intensol
dexamethasone	Dxevo
dexamethasone	Hemady
dexamethasone	HiDex
dexamethasone	LoCort
dexamethasone	TaperDex
dexamethasone	ZCort
dexamethasone	ZoDex
dexamethasone	ZonaCort
dexamethasone	dexamethasone
hydrocortisone	Alkindi Sprinkle
hydrocortisone	Cortef
hydrocortisone	hydrocortisone
methylprednisolone	Medrol
methylprednisolone	Medrol (Pak)
methylprednisolone	Methylpred DP
methylprednisolone	methylprednisolone
prednisolone	Millipred
prednisolone	Millipred DP
prednisolone	Prelone
prednisolone	prednisolone
prednisolone acetate	Flo-Pred
prednisolone sodium phosphate	Millipred
prednisolone sodium phosphate	Orapred ODT
prednisolone sodium phosphate	Pediapred
prednisolone sodium phosphate	Veripred 20
prednisolone sodium phosphate	prednisolone sodium phosphate
prednisone	Deltasone
prednisone	Prednisone Intensol
prednisone	Rayos
prednisone	prednisone

**Appendix AB. List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Exposure Censoring Criteria in this Request**

Code	Description	Code Category	Code Type
<b>Oral Corticosteroids</b>			
J7506	Prednisone, oral, per 5 mg	Procedure	HCPCS
J7509	Methylprednisolone, oral, per 4 mg	Procedure	HCPCS
J7510	Prednisolone, oral, per 5 mg	Procedure	HCPCS
J7512	Prednisone, immediate release or delayed release, oral, 1 mg	Procedure	HCPCS
J8540	Dexamethasone, oral, 0.25 mg	Procedure	HCPCS
S0173	Dexamethasone, oral, 4 mg	Procedure	HCPCS
<b>Asthma</b>			
493.0	Extrinsic asthma	Diagnosis	ICD-9-CM
493.00	Extrinsic asthma, unspecified	Diagnosis	ICD-9-CM
493.02	Extrinsic asthma, with (acute) exacerbation	Diagnosis	ICD-9-CM
493.1	Intrinsic asthma	Diagnosis	ICD-9-CM
493.10	Intrinsic asthma, unspecified	Diagnosis	ICD-9-CM
493.12	Intrinsic asthma, with (acute) exacerbation	Diagnosis	ICD-9-CM
493.20	Chronic obstructive asthma, unspecified ICD-9-CM	Diagnosis	ICD-9-CM
493.21	Chronic obstructive asthma with status asthmaticus ICD-9-CM	Diagnosis	ICD-9-CM
493.22	Chronic obstructive asthma, with (acute) exacerbation ICD-9-CM	Diagnosis	ICD-9-CM
493.8	Other forms of asthma	Diagnosis	ICD-9-CM
493.82	Cough variant asthma	Diagnosis	ICD-9-CM
493.9	Unspecified asthma	Diagnosis	ICD-9-CM
493.90	Asthma, unspecified, unspecified status	Diagnosis	ICD-9-CM
493.92	Asthma, unspecified, with (acute) exacerbation	Diagnosis	ICD-9-CM
J45	Asthma	Diagnosis	ICD-10-CM
J45.2	Mild intermittent asthma	Diagnosis	ICD-10-CM
J45.20	Mild intermittent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.21	Mild intermittent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.3	Mild persistent asthma	Diagnosis	ICD-10-CM
J45.30	Mild persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.31	Mild persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.4	Moderate persistent asthma	Diagnosis	ICD-10-CM
J45.40	Moderate persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.41	Moderate persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.5	Severe persistent asthma	Diagnosis	ICD-10-CM
J45.50	Severe persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.51	Severe persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.9	Other and unspecified asthma	Diagnosis	ICD-10-CM
J45.90	Unspecified asthma	Diagnosis	ICD-10-CM
J45.901	Unspecified asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.909	Unspecified asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.99	Other asthma	Diagnosis	ICD-10-CM
J45.991	Cough variant asthma	Diagnosis	ICD-10-CM
J45.998	Other asthma	Diagnosis	ICD-10-CM

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
<b>Psychiatric History</b>	
alprazolam	Alprazolam Intensol
alprazolam	Xanax
alprazolam	Xanax XR
alprazolam	alprazolam
amitriptyline HCl	amitriptyline
amitriptyline HCl/chlordiazepoxide	amitriptyline-chlordiazepoxide
amobarbital sodium	Amytal
amoxapine	amoxapine
aripiprazole	Abilify
aripiprazole	Abilify Discmelt
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	Saphris (black cherry)
asenapine maleate	asenapine maleate
atomoxetine HCl	Strattera
atomoxetine HCl	atomoxetine
brexanolone	Zulresso
brexpiprazole	Rexulti
bromelains/melatonin/herbal complex no.233	MidNite PM
bupropion HBr	Aplenzin
bupropion HCl	Buproban
bupropion HCl	Forfivo XL
bupropion HCl	Wellbutrin
bupropion HCl	Wellbutrin SR
bupropion HCl	Wellbutrin XL
bupropion HCl	Zyban
bupropion HCl	bupropion HCl
bupropion HCl	bupropion HCl (smoking deter)
buspirone HCl	buspirone
butabarbital sodium	Butisol
calcium phosphate/melatonin	calcium-melatonin
carbamazepine	Carbatrol
carbamazepine	Epitol
carbamazepine	Equetro
carbamazepine	Tegretol
carbamazepine	Tegretol XR
carbamazepine	carbamazepine
cariprazine HCl	Vraylar
chlordiazepoxide HCl	chlordiazepoxide HCl
chlordiazepoxide/clidinium bromide	Librax (with clidinium)
chlordiazepoxide/clidinium bromide	chlordiazepoxide-clidinium
chlorpromazine HCl	chlorpromazine

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
citalopram hydrobromide	Celexa
citalopram hydrobromide	citalopram
clomipramine HCl	Anafranil
clomipramine HCl	clomipramine
clonazepam	Klonopin
clonazepam	clonazepam
clorazepate dipotassium	Tranxene T-Tab
clorazepate dipotassium	clorazepate dipotassium
clozapine	Clozaril
clozapine	FazaClo
clozapine	Versacloz
clozapine	clozapine
daridorexant HCl	Quviviq
desipramine HCl	Norpramin
desipramine HCl	desipramine
desvenlafaxine	Khedezla
desvenlafaxine	desvenlafaxine
desvenlafaxine fumarate	desvenlafaxine fumarate
desvenlafaxine succinate	Pristiq
desvenlafaxine succinate	desvenlafaxine succinate
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%
dexmethylphenidate HCl	Focalin
dexmethylphenidate HCl	Focalin XR
dexmethylphenidate HCl	dexmethylphenidate
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	Adderall
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	Adderall XR
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	Mydayis
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	dextroamphetamine-amphetamine
dextroamphetamine sulfate	Dexedrine
dextroamphetamine sulfate	Dexedrine Spansule
dextroamphetamine sulfate	ProCentra
dextroamphetamine sulfate	Zenzedi
dextroamphetamine sulfate	dextroamphetamine sulfate
diazepam	Diastat
diazepam	Diastat AcuDial
diazepam	Diazepam Intensol
diazepam	Valium
diazepam	Valtoco
diazepam	diazepam
divalproex sodium	Depakote
divalproex sodium	Depakote ER
divalproex sodium	Depakote Sprinkles
divalproex sodium	divalproex
doxepin HCl	Silenor
doxepin HCl	doxepin

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
droperidol	droperidol
duloxetine HCl	Cymbalta
duloxetine HCl	Drizalma Sprinkle
duloxetine HCl	Irenka
duloxetine HCl	duloxetine
escitalopram oxalate	Lexapro
escitalopram oxalate	escitalopram oxalate
esketamine HCl	Spravato
estazolam	estazolam
eszopiclone	Lunesta
eszopiclone	eszopiclone
ethyl alcohol/herbal drugs	Lydia Pinkham Herbal
fluoxetine HCl	Prozac
fluoxetine HCl	Prozac Weekly
fluoxetine HCl	Sarafem
fluoxetine HCl	fluoxetine
fluphenazine HCl	fluphenazine HCl
fluphenazine decanoate	fluphenazine decanoate
flurazepam HCl	flurazepam
fluvoxamine maleate	Luvox CR
fluvoxamine maleate	fluvoxamine
guanfacine HCl	Intuniv ER
guanfacine HCl	Tenex
guanfacine HCl	guanfacine
haloperidol	haloperidol
haloperidol decanoate	Haldol Decanoate
haloperidol decanoate	haloperidol decanoate
haloperidol lactate	Haldol
haloperidol lactate	haloperidol lactate
hydroxyzine HCl	hydroxyzine HCl
hydroxyzine pamoate	Vistaril
hydroxyzine pamoate	hydroxyzine pamoate
iloperidone	Fanapt
imipramine HCl	Tofranil
imipramine HCl	imipramine HCl
imipramine pamoate	Tofranil-PM
imipramine pamoate	imipramine pamoate
isocarboxazid	Marplan
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)



**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
lamotrigine	Subvenite
lamotrigine	Subvenite Starter (Blue) Kit
lamotrigine	Subvenite Starter (Green) Kit
lamotrigine	Subvenite Starter (Orange) Kit
lamotrigine	lamotrigine
lemborexant	Dayvigo
levomilnacipran HCl	Fetzima
lisdexamfetamine dimesylate	Vyvanse
lithium carbonate	Lithobid
lithium carbonate	lithium carbonate
lithium citrate	lithium citrate
lorazepam	Ativan
lorazepam	Lorazepam Intensol
lorazepam	Loreev XR
lorazepam	lorazepam
lorazepam in 0.9 % sodium chloride	lorazepam in 0.9% sod chloride
loxapine	Adasuve
loxapine succinate	loxapine succinate
lumateperone tosylate	Caplyta
lurasidone HCl	Latuda
maprotiline HCl	maprotiline
melatonin	Children's Sleep (melatonin)
melatonin	Meladox
melatonin	Melatin
melatonin	VitaJoy Melatonin
melatonin	melatonin
melatonin/5-HTP/valerian/folic acid/dietary combination 28	Hypnosom
melatonin/5-Hydroxytryptophan/tryptophan/B6/magnesium oxide	Somnicin
melatonin/GABA/5-HTP/theanine/magnesium citrate,oxide/herbs	Sopordren
melatonin/gamma-aminobutyric acid/herbal complex no.183	Sintralyne-PM
melatonin/gamma-aminobutyric acid/valerian	Medi-Doze
melatonin/genistein/herbal complex no.233	Midnite for Menopause
melatonin/herbal complex no.184	Sleep Caps
melatonin/herbal complex no.184	melatonin-herbal complex #184
melatonin/herbal complex no.233	MidNite
melatonin/lemon balm leaf extract	melatonin-lemon balm leaf extr
melatonin/pyridoxal phosphate	Melatonin-B6 (pyridoxal phos)
melatonin/pyridoxal phosphate	melatonin-pyridoxal phos (B6)
melatonin/pyridoxine	Melatonin (with B6)
melatonin/pyridoxine	melatonin-pyridoxine (vit B6)
melatonin/pyridoxine HCl (vit B6)	Melatonex
melatonin/pyridoxine HCl (vit B6)	melatonin-pyridoxine HCl (B6)
melatonin/theanine	melatonin-theanine
melatonin/tryptophan	Restone
melatonin/tryptophan	Wrestone
melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6	Toprophan
meprobamate	meprobamate
methamphetamine HCl	Desoxyn

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
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	Ritalin SR
methylphenidate HCl	methylphenidate HCl
midazolam HCl	midazolam
milnacipran HCl	Savella
mirtazapine	Remeron
mirtazapine	Remeron SolTab
mirtazapine	mirtazapine
molindone HCl	molindone
nefazodone HCl	nefazodone
nortriptyline HCl	Pamelor
nortriptyline HCl	nortriptyline
olanzapine	Zyprexa
olanzapine	Zyprexa Zydis
olanzapine	olanzapine
olanzapine pamoate	Zyprexa Relprevv
olanzapine/fluoxetine HCl	Symbyax
olanzapine/fluoxetine HCl	olanzapine-fluoxetine
olanzapine/samidorphane malate	Lybalvi
oxazepam	oxazepam
oxcarbazepine	Oxtellar XR
oxcarbazepine	Trileptal
oxcarbazepine	oxcarbazepine
paliperidone	Invega
paliperidone	paliperidone
paliperidone palmitate	Invega Hafyera
paliperidone palmitate	Invega Sustenna
paliperidone palmitate	Invega Trinza
paroxetine HCl	Paxil
paroxetine HCl	Paxil CR
paroxetine HCl	paroxetine HCl
paroxetine mesylate	Brisdelle
paroxetine mesylate	Pexeva
paroxetine mesylate	paroxetine mesylate(menop.sym)
pentobarbital sodium	Nembutal Sodium
pentobarbital sodium	pentobarbital sodium

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
perphenazine	perphenazine
perphenazine/amitriptyline HCl	perphenazine-amitriptyline
phenelzine sulfate	Nardil
phenelzine sulfate	phenelzine
phenobarbital	phenobarbital
phenobarbital sodium	phenobarbital sodium
phenobarbital sodium in 0.9 % sodium chloride	phenobarbital in 0.9 % sod chl
pimavanserin tartrate	Nuplazid
pimozide	Orap
pimozide	pimozide
prochlorperazine maleate	Compazine
prochlorperazine maleate	prochlorperazine maleate
protriptyline HCl	Vivactil
protriptyline HCl	protriptyline
quazepam	Doral
quazepam	quazepam
quetiapine fumarate	Seroquel
quetiapine fumarate	Seroquel XR
quetiapine fumarate	quetiapine
ramelteon	Rozerem
ramelteon	ramelteon
risperidone	Perseris
risperidone	Risperdal
risperidone	Risperdal M-TAB
risperidone	risperidone
risperidone microspheres	Risperdal Consta
secobarbital sodium	Seconal Sodium
selegiline	Emsam
serdexmethylphenidate chloride/dexmethylphenidate HCl	Azstarys
sertraline HCl	Zoloft
sertraline HCl	sertraline
suvorexant	Belsomra
tasimelteon	Hetlioz
tasimelteon	Hetlioz LQ
temazepam	Restoril
temazepam	temazepam
thioridazine HCl	thioridazine
thiothixene	thiothixene
tranylcypromine sulfate	Parnate
tranylcypromine sulfate	tranylcypromine
trazodone HCl	Oleptro ER
trazodone HCl	trazodone
triazolam	Halcion
triazolam	triazolam
trifluoperazine HCl	trifluoperazine
trimipramine maleate	Surmontil
trimipramine maleate	trimipramine
tryptophan	tryptophan
valerian root extract	valerian root extract
valerian root extract/hops	valerian root extract-hops

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
valproic acid	Depakene
valproic acid	Stavzor
valproic acid	valproic acid
valproic acid (as sodium salt) (valproate sodium)	Depacon
valproic acid (as sodium salt) (valproate sodium)	Depakene
valproic acid (as sodium salt) (valproate sodium)	valproate sodium
valproic acid (as sodium salt) (valproate sodium)	valproic acid (as sodium salt)
venlafaxine HCl	Effexor XR
venlafaxine HCl	venlafaxine
vilazodone HCl	Viiibryd
vortioxetine hydrobromide	Brintellix
vortioxetine hydrobromide	Trintellix
zaleplon	Sonata
zaleplon	zaleplon
ziprasidone HCl	Geodon
ziprasidone HCl	ziprasidone HCl
ziprasidone mesylate	Geodon
ziprasidone mesylate	ziprasidone mesylate
zolpidem tartrate	Ambien
zolpidem tartrate	Ambien CR
zolpidem tartrate	Edluar
zolpidem tartrate	Intermezzo
zolpidem tartrate	Zolpimist
zolpidem tartrate	zolpidem
y	
alprazolam	Alprazolam Intensol
alprazolam	Xanax
alprazolam	Xanax XR
alprazolam	alprazolam
amitriptyline HCl	amitriptyline
amitriptyline HCl/chlordiazepoxide	amitriptyline-chlordiazepoxide
amobarbital sodium	Amytal
amoxapine	amoxapine
aripiprazole	Abilify
aripiprazole	Abilify Discmelt
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	Saphris (black cherry)
asenapine maleate	asenapine maleate
atomoxetine HCl	Strattera
atomoxetine HCl	atomoxetine
brexanolone	Zulresso
brexpiprazole	Rexulti

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
bromelains/melatonin/herbal complex no.233	MidNite PM
bupropion HBr	Aplenzin
bupropion HCl	Buproban
bupropion HCl	Forfivo XL
bupropion HCl	Wellbutrin
bupropion HCl	Wellbutrin SR
bupropion HCl	Wellbutrin XL
bupropion HCl	Zyban
bupropion HCl	bupropion HCl
bupropion HCl	bupropion HCl (smoking deter)
bupirone HCl	bupirone
butabarbital sodium	Butisol
calcium phosphate/melatonin	calcium-melatonin
carbamazepine	Carbatrol
carbamazepine	Epitol
carbamazepine	Equetro
carbamazepine	Tegretol
carbamazepine	Tegretol XR
carbamazepine	carbamazepine
cariprazine HCl	Vraylar
chlordiazepoxide HCl	chlordiazepoxide HCl
chlordiazepoxide/clidinium bromide	Librax (with clidinium)
chlordiazepoxide/clidinium bromide	chlordiazepoxide-clidinium
chlorpromazine HCl	chlorpromazine
citalopram hydrobromide	Celexa
citalopram hydrobromide	citalopram
clomipramine HCl	Anafranil
clomipramine HCl	clomipramine
clonazepam	Klonopin
clonazepam	clonazepam
clorazepate dipotassium	Tranxene T-Tab
clorazepate dipotassium	clorazepate dipotassium
clozapine	Clozaril
clozapine	FazaClo
clozapine	Versacloz
clozapine	clozapine
daridorexant HCl	Quviviq
desipramine HCl	Norpramin
desipramine HCl	desipramine
desvenlafaxine	Khedezla
desvenlafaxine	desvenlafaxine
desvenlafaxine fumarate	desvenlafaxine fumarate
desvenlafaxine succinate	Pristiq
desvenlafaxine succinate	desvenlafaxine succinate
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%
dexmethylphenidate HCl	Focalin

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
dexmethylphenidate HCl	Focalin XR
dexmethylphenidate HCl	dexmethylphenidate
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	Adderall
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	Adderall XR
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	Mydayis
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	dextroamphetamine-amphetamine
dextroamphetamine sulfate	Dexedrine
dextroamphetamine sulfate	Dexedrine Spansule
dextroamphetamine sulfate	ProCentra
dextroamphetamine sulfate	Zenzedi
dextroamphetamine sulfate	dextroamphetamine sulfate
diazepam	Diastat
diazepam	Diastat AcuDial
diazepam	Diazepam Intensol
diazepam	Valium
diazepam	Valtoco
diazepam	diazepam
divalproex sodium	Depakote
divalproex sodium	Depakote ER
divalproex sodium	Depakote Sprinkles
divalproex sodium	divalproex
doxepin HCl	Silenor
doxepin HCl	doxepin
droperidol	droperidol
duloxetine HCl	Cymbalta
duloxetine HCl	Drizalma Sprinkle
duloxetine HCl	Irenka
duloxetine HCl	duloxetine
escitalopram oxalate	Lexapro
escitalopram oxalate	escitalopram oxalate
esketamine HCl	Spravato
estazolam	estazolam
eszopiclone	Lunesta
eszopiclone	eszopiclone
ethyl alcohol/herbal drugs	Lydia Pinkham Herbal
fluoxetine HCl	Prozac
fluoxetine HCl	Prozac Weekly
fluoxetine HCl	Sarafem
fluoxetine HCl	fluoxetine
fluphenazine HCl	fluphenazine HCl
fluphenazine decanoate	fluphenazine decanoate
flurazepam HCl	flurazepam
fluvoxamine maleate	Luvox CR
fluvoxamine maleate	fluvoxamine
guanfacine HCl	Intuniv ER
guanfacine HCl	Tenex
guanfacine HCl	guanfacine
haloperidol	haloperidol
haloperidol decanoate	Haldol Decanoate
haloperidol decanoate	haloperidol decanoate

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
haloperidol lactate	Haldol
haloperidol lactate	haloperidol lactate
hydroxyzine HCl	hydroxyzine HCl
hydroxyzine pamoate	Vistaril
hydroxyzine pamoate	hydroxyzine pamoate
iloperidone	Fanapt
imipramine HCl	Tofranil
imipramine HCl	imipramine HCl
imipramine pamoate	Tofranil-PM
imipramine pamoate	imipramine pamoate
isocarboxazid	Marplan
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
lemborexant	Dayvigo
levomilnacipran HCl	Fetzima
lisdexamfetamine dimesylate	Vyvanse
lithium carbonate	Lithobid
lithium carbonate	lithium carbonate
lithium citrate	lithium citrate
lorazepam	Ativan
lorazepam	Lorazepam Intensol
lorazepam	Loreev XR
lorazepam	lorazepam
lorazepam in 0.9 % sodium chloride	lorazepam in 0.9% sod chloride
loxapine	Adasuve
loxapine succinate	loxapine succinate
lumateperone tosylate	Caplyta
lurasidone HCl	Latuda
maprotiline HCl	maprotiline
melatonin	Children's Sleep (melatonin)
melatonin	Meladox
melatonin	Melatin
melatonin	VitaJoy Melatonin
melatonin	melatonin
melatonin/5-HTP/valerian/folic acid/dietary combination 28	Hypnosom

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
melatonin/5-Hydroxytryptophan/tryptophan/B6/magnesium oxide	Somnicin
melatonin/GABA/5-HTP/theanine/magnesium citrate,oxide/herbs	Sopordren
melatonin/gamma-aminobutyric acid/herbal complex no.183	Sintralyne-PM
melatonin/gamma-aminobutyric acid/valerian	Medi-Doze
melatonin/genistein/herbal complex no.233	Midnite for Menopause
melatonin/herbal complex no.184	Sleep Caps
melatonin/herbal complex no.184	melatonin-herbal complex #184
melatonin/herbal complex no.233	MidNite
melatonin/lemon balm leaf extract	melatonin-lemon balm leaf extr
melatonin/pyridoxal phosphate	Melatonin-B6 (pyridoxal phos)
melatonin/pyridoxal phosphate	melatonin-pyridoxal phos (B6)
melatonin/pyridoxine	Melatonin (with B6)
melatonin/pyridoxine	melatonin-pyridoxine (vit B6)
melatonin/pyridoxine HCl (vit B6)	Melatonex
melatonin/pyridoxine HCl (vit B6)	melatonin-pyridoxine HCl (B6)
melatonin/theanine	melatonin-theanine
melatonin/tryptophan	Restone
melatonin/tryptophan	Wrestone
melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6	Toprophan
meprobamate	meprobamate
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	Ritalin SR
methylphenidate HCl	methylphenidate HCl
midazolam HCl	midazolam
milnacipran HCl	Savella
mirtazapine	Remeron
mirtazapine	Remeron SolTab
mirtazapine	mirtazapine
molindone HCl	molindone
nefazodone HCl	nefazodone
nortriptyline HCl	Pamelor
nortriptyline HCl	nortriptyline
olanzapine	Zyprexa



**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
olanzapine	Zyprexa Zydis
olanzapine	olanzapine
olanzapine pamoate	Zyprexa Relprevv
olanzapine/fluoxetine HCl	Symbyax
olanzapine/fluoxetine HCl	olanzapine-fluoxetine
olanzapine/samidorphane malate	Lybalvi
oxazepam	oxazepam
oxcarbazepine	Oxtellar XR
oxcarbazepine	Trileptal
oxcarbazepine	oxcarbazepine
paliperidone	Invega
paliperidone	paliperidone
paliperidone palmitate	Invega Hafyera
paliperidone palmitate	Invega Sustenna
paliperidone palmitate	Invega Trinza
paroxetine HCl	Paxil
paroxetine HCl	Paxil CR
paroxetine HCl	paroxetine HCl
paroxetine mesylate	Brisdelle
paroxetine mesylate	Pexeva
paroxetine mesylate	paroxetine mesylate(menop.sym)
pentobarbital sodium	Nembutal Sodium
pentobarbital sodium	pentobarbital sodium
perphenazine	perphenazine
perphenazine/amitriptyline HCl	perphenazine-amitriptyline
phenelzine sulfate	Nardil
phenelzine sulfate	phenelzine
phenobarbital	phenobarbital
phenobarbital sodium	phenobarbital sodium
phenobarbital sodium in 0.9 % sodium chloride	phenobarbital in 0.9 % sod chl
pimavanserin tartrate	Nuplazid
pimozide	Orap
pimozide	pimozide
prochlorperazine maleate	Compazine
prochlorperazine maleate	prochlorperazine maleate
protriptyline HCl	Vivactil
protriptyline HCl	protriptyline
quazepam	Doral
quazepam	quazepam
quetiapine fumarate	Seroquel
quetiapine fumarate	Seroquel XR
quetiapine fumarate	quetiapine
ramelteon	Rozerem
ramelteon	ramelteon
risperidone	Perseris
risperidone	Risperdal
risperidone	Risperdal M-TAB
risperidone	risperidone
risperidone microspheres	Risperdal Consta
secobarbital sodium	Seconal Sodium

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
selegiline	Emsam
serdexmethylphenidate chloride/dexmethylphenidate HCl	Azstarys
sertraline HCl	Zoloft
sertraline HCl	sertraline
suvorexant	Belsomra
tasimelteon	Hetlioz
tasimelteon	Hetlioz LQ
temazepam	Restoril
temazepam	temazepam
thioridazine HCl	thioridazine
thiothixene	thiothixene
tranylcypromine sulfate	Parnate
tranylcypromine sulfate	tranylcypromine
trazodone HCl	Oleptro ER
trazodone HCl	trazodone
triazolam	Halcion
triazolam	triazolam
trifluoperazine HCl	trifluoperazine
trimipramine maleate	Surmontil
trimipramine maleate	trimipramine
tryptophan	tryptophan
valerian root extract	valerian root extract
valerian root extract/hops	valerian root extract-hops
valproic acid	Depakene
valproic acid	Stavzor
valproic acid	valproic acid
valproic acid (as sodium salt) (valproate sodium)	Depacon
valproic acid (as sodium salt) (valproate sodium)	Depakene
valproic acid (as sodium salt) (valproate sodium)	valproate sodium
valproic acid (as sodium salt) (valproate sodium)	valproic acid (as sodium salt)
venlafaxine HCl	Effexor XR
venlafaxine HCl	venlafaxine
vilazodone HCl	Viiibryd
vortioxetine hydrobromide	Brintellix
vortioxetine hydrobromide	Trintellix
zaleplon	Sonata
zaleplon	zaleplon
ziprasidone HCl	Geodon
ziprasidone HCl	ziprasidone HCl
ziprasidone mesylate	Geodon
ziprasidone mesylate	ziprasidone mesylate
zolpidem tartrate	Ambien
zolpidem tartrate	Ambien CR
zolpidem tartrate	Edluar
zolpidem tartrate	Intermezzo
zolpidem tartrate	Zolpimist
zolpidem tartrate	zolpidem
<b>Oral Corticosteroid Dispensing</b>	
cortisone acetate	cortisone
dexamethasone	Decadron

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
dexamethasone	DexPak 10 day
dexamethasone	DexPak 13 Day
dexamethasone	DexPak 6 Day
dexamethasone	Dexabliss
dexamethasone	Dexamethasone Intensol
dexamethasone	Dxevo
dexamethasone	Hemady
dexamethasone	HiDex
dexamethasone	LoCort
dexamethasone	TaperDex
dexamethasone	ZCort
dexamethasone	ZoDex
dexamethasone	ZonaCort
dexamethasone	dexamethasone
hydrocortisone	Alkindi Sprinkle
hydrocortisone	Cortef
hydrocortisone	hydrocortisone
methylprednisolone	Medrol
methylprednisolone	Medrol (Pak)
methylprednisolone	Methylpred DP
methylprednisolone	methylprednisolone
prednisolone	Millipred
prednisolone	Millipred DP
prednisolone	Prelone
prednisolone	prednisolone
prednisolone acetate	Flo-Pred
prednisolone sodium phosphate	Millipred
prednisolone sodium phosphate	Orapred ODT
prednisolone sodium phosphate	Pediapred
prednisolone sodium phosphate	Veripred 20
prednisolone sodium phosphate	prednisolone sodium phosphate
prednisone	Deltasone
prednisone	Prednisone Intensol
prednisone	Rayos
prednisone	prednisone
Other Asthma Medication	
albuterol sulfate	ProAir HFA
albuterol sulfate	ProAir RespiClick
albuterol sulfate	Proair Digihaler
albuterol sulfate	Proventil HFA
albuterol sulfate	Ventolin HFA
albuterol sulfate	Vospire ER
albuterol sulfate	albuterol sulfate
aminophylline	aminophylline
dyphylline	Lufyllin
ipratropium bromide/albuterol sulfate	Combivent Respimat
ipratropium bromide/albuterol sulfate	ipratropium-albuterol
levalbuterol HCl	Xopenex
levalbuterol HCl	Xopenex Concentrate
levalbuterol HCl	levalbuterol HCl

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
levalbuterol tartrate	Xopenex HFA
levalbuterol tartrate	levalbuterol tartrate
metaproterenol sulfate	metaproterenol
terbutaline sulfate	terbutaline
theophylline anhydrous	Elixophyllin
theophylline anhydrous	Theo-24
theophylline anhydrous	Theochron
theophylline anhydrous	theophylline
tiotropium bromide	Spiriva Respimat
tiotropium bromide	Spiriva with HandiHaler
tiotropium bromide/olodaterol HCl	Stiolto Respimat
Opiates	
TRAMADOL HCL/GLUCOSAMINE SULFATE	Synapryn
acetaminophen with codeine phosphate	Capital with Codeine
acetaminophen with codeine phosphate	Tylenol-Codeine #3
acetaminophen with codeine phosphate	Tylenol-Codeine #4
acetaminophen with codeine phosphate	acetaminophen-codeine
acetaminophen/caffeine/dihydrocodeine bitartrate	Dvorah
acetaminophen/caffeine/dihydrocodeine bitartrate	Panlor(acetam-caff-dihydrocod)
acetaminophen/caffeine/dihydrocodeine bitartrate	Trezix
acetaminophen/caffeine/dihydrocodeine bitartrate	acetaminophen-caff-dihydrocod
alfentanil HCl	alfentanil
aspirin/caffeine/dihydrocodeine bitartrate	Synalgos-DC
aspirin/caffeine/dihydrocodeine bitartrate	aspirin-caffeine-dihydrocodein
benzhydrocodone HCl/acetaminophen	Apadaz
benzhydrocodone HCl/acetaminophen	benzhydrocodone-acetaminophen
buprenorphine	Butrans
buprenorphine	buprenorphine
buprenorphine HCl	Belbuca
buprenorphine HCl	Buprenex
buprenorphine HCl	Probuphine
buprenorphine HCl	buprenorphine HCl
butalbital/acetaminophen/caffeine/codeine phosphate	Fioricet with Codeine
butalbital/acetaminophen/caffeine/codeine phosphate	butalbital-acetaminop-caf-cod
butorphanol tartrate	butorphanol
carisoprodol/aspirin/codeine phosphate	carisoprodol-aspirin-codeine
codeine phosphate/butalbital/aspirin/caffeine	Ascomp with Codeine
codeine phosphate/butalbital/aspirin/caffeine	Butalbital Compound W/Codeine
codeine phosphate/butalbital/aspirin/caffeine	Butalbital Compound-Codeine
codeine phosphate/butalbital/aspirin/caffeine	Fiorinal-Codeine #3
codeine phosphate/butalbital/aspirin/caffeine	codeine-butalbital-ASA-caff
codeine sulfate	codeine sulfate
difelikefalin acetate	Korsuva
fentanyl	Duragesic
fentanyl	Subsys
fentanyl	fentanyl
fentanyl HCl	Ionsys
fentanyl citrate	Abstral
fentanyl citrate	Actiq
fentanyl citrate	Fentora

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
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	Hycet
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	Verdrocet
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	Vicoprofen
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 HCl/PF	Dilaudid (PF)
hydromorphone HCl/PF	Dilaudid-HP (PF)
hydromorphone HCl/PF	hydromorphone (PF)
hydromorphone HCl/bupivacaine HCl in 0.9% sodium chloride/PF	hydromorphone-bupiv (PF)-NaCl
hydromorphone HCl/ropivacaine in 0.9 % sodium chloride/PF	hydromorph(PF)-ropiv-0.9% NaCl
ibuprofen/oxycodone HCl	ibuprofen-oxycodone
levorphanol tartrate	levorphanol tartrate
meperidine HCl	Demerol

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
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	Avinza
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 in sodium chloride, iso-osmotic/PF	morphine(PF)in iso sod chlorid
morphine sulfate liposomal/PF	DepoDur (PF)
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
nalbuphine HCl	nalbuphine
olliceridine fumarate	Olinvyk
oxycodone HCl	Oxaydo
oxycodone HCl	Oxecta
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	Roxicet
oxycodone HCl/acetaminophen	Xartemis XR
oxycodone HCl/acetaminophen	oxycodone-acetaminophen
oxycodone HCl/aspirin	Endodan
oxycodone HCl/aspirin	Percodan
oxycodone HCl/aspirin	oxycodone-aspirin
oxycodone myristate	Xtampza ER
oxymorphone HCl	Opana

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
oxymorphone HCl	Opana ER
oxymorphone HCl	oxymorphone
pentazocine HCl/naloxone HCl	pentazocine-naloxone
pentazocine lactate	Talwin
sufentanil citrate	Dsuvia
sufentanil citrate/bupivacaine HCl/0.9 % sodium chloride/PF	sufentanil-bupivacain-NaCl(PF)
tapentadol HCl	Nucynta
tapentadol HCl	Nucynta ER
tramadol HCl	ConZip
tramadol HCl	Qdolo
tramadol HCl	Ultram
tramadol HCl	Ultram ER
tramadol HCl	tramadol
tramadol HCl/acetaminophen	Ultracet
tramadol HCl/acetaminophen	tramadol-acetaminophen
tramadol HCl/celecoxib	Seglentis
Antipsychotics	
aripiprazole	Abilify
aripiprazole	Abilify Discmelt
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	Saphris (black cherry)
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
iloperidone	Fanapt
loxapine	Adasuve
loxapine succinate	loxapine succinate
lumateperone tosylate	Caplyta
lurasidone HCl	Latuda
molindone HCl	molindone

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
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	risperidone
risperidone microspheres	Risperdal Consta
thioridazine HCl	thioridazine
thiothixene	thiothixene
trifluoperazine HCl	trifluoperazine
ziprasidone HCl	Geodon
ziprasidone HCl	ziprasidone HCl
ziprasidone mesylate	Geodon
ziprasidone mesylate	ziprasidone mesylate
Anxiolytics and Hypnotics	
alprazolam	Alprazolam Intensol
alprazolam	Xanax
alprazolam	Xanax XR
alprazolam	alprazolam
amobarbital sodium	Amytal
bromelains/melatonin/herbal complex no.233	MidNite PM
bupirone HCl	bupirone
butabarbital sodium	Butisol
calcium phosphate/melatonin	calcium-melatonin
chlordiazepoxide HCl	chlordiazepoxide HCl
clonazepam	Klonopin
clonazepam	clonazepam
clorazepate dipotassium	Tranxene T-Tab
clorazepate dipotassium	clorazepate dipotassium
daridorexant HCl	Quviviq



**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
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	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	Dayvigo
lorazepam	Ativan
lorazepam	Lorazepam Intensol
lorazepam	Loreev XR
lorazepam	lorazepam
lorazepam in 0.9 % sodium chloride	lorazepam in 0.9% sod chloride
melatonin	Children's Sleep (melatonin)
melatonin	Meladox
melatonin	Melatin
melatonin	VitaJoy Melatonin
melatonin	melatonin
melatonin/5-HTP/valerian/folic acid/dietary combination 28	Hypnosom
melatonin/5-Hydroxytryptophan/tryptophan/B6/magnesium oxide	Somnicin
melatonin/GABA/5-HTP/theanine/magnesium citrate,oxide/herbs	Sopordren
melatonin/gamma-aminobutyric acid/herbal complex no.183	Sinralyne-PM
melatonin/gamma-aminobutyric acid/valerian	Medi-Doze
melatonin/genistein/herbal complex no.233	Midnite for Menopause
melatonin/herbal complex no.184	Sleep Caps
melatonin/herbal complex no.184	melatonin-herbal complex #184
melatonin/herbal complex no.233	MidNite
melatonin/lemon balm leaf extract	melatonin-lemon balm leaf extr
melatonin/pyridoxal phosphate	Melatonin-B6 (pyridoxal phos)
melatonin/pyridoxal phosphate	melatonin-pyridoxal phos (B6)
melatonin/pyridoxine	Melatonin (with B6)
melatonin/pyridoxine	melatonin-pyridoxine (vit B6)
melatonin/pyridoxine HCl (vit B6)	Melatonex
melatonin/pyridoxine HCl (vit B6)	melatonin-pyridoxine HCl (B6)
melatonin/theanine	melatonin-theanine
melatonin/tryptophan	Restone
melatonin/tryptophan	Wrestone

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6	Toprophan
meprobamate	meprobamate
midazolam HCl	midazolam
oxazepam	oxazepam
pentobarbital sodium	Nembutal Sodium
pentobarbital sodium	pentobarbital sodium
phenobarbital	phenobarbital
phenobarbital sodium	phenobarbital sodium
phenobarbital sodium in 0.9 % sodium chloride	phenobarbital in 0.9 % sod chl
quazepam	Doral
quazepam	quazepam
ramelteon	Rozerem
ramelteon	ramelteon
secobarbital sodium	Seconal Sodium
suvorexant	Belsomra
tasimelteon	Hetlioz
tasimelteon	Hetlioz LQ
temazepam	Restoril
temazepam	temazepam
triazolam	Halcion
triazolam	triazolam
tryptophan	tryptophan
valerian root extract	valerian root extract
valerian root extract/hops	valerian root extract-hops
zaleplon	Sonata
zaleplon	zaleplon
zolpidem tartrate	Ambien
zolpidem tartrate	Ambien CR
zolpidem tartrate	Edluar
zolpidem tartrate	Intermezzo
zolpidem tartrate	Zolpimist
zolpidem tartrate	zolpidem
Lithium and Other Mood Stabilizers	
carbamazepine	Carbatrol
carbamazepine	Epitol
carbamazepine	Equetro
carbamazepine	Tegretol
carbamazepine	Tegretol XR
carbamazepine	carbamazepine
clonazepam	Klonopin
clonazepam	clonazepam
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)

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
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
valproic acid	Depakene
valproic acid	Stavzor
valproic acid	valproic acid
valproic acid (as sodium salt) (valproate sodium)	Depacon
valproic acid (as sodium salt) (valproate sodium)	Depakene
valproic acid (as sodium salt) (valproate sodium)	valproate sodium
valproic acid (as sodium salt) (valproate sodium)	valproic acid (as sodium salt)
Antidepressants	
amitriptyline HCl	amitriptyline
amitriptyline HCl/chlordiazepoxide	amitriptyline-chlordiazepoxide
amoxapine	amoxapine
brexanolone	Zulresso
bupropion HBr	Aplenzin
bupropion HCl	Forfivo XL
bupropion HCl	Wellbutrin
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
doxepin HCl	Silenor
doxepin HCl	doxepin
duloxetine HCl	Cymbalta

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
duloxetine HCl	Drizalma Sprinkle
duloxetine HCl	Irenka
duloxetine HCl	duloxetine
escitalopram oxalate	Lexapro
escitalopram oxalate	escitalopram oxalate
esketamine HCl	Spravato
fluoxetine HCl	Prozac
fluoxetine HCl	Prozac Weekly
fluoxetine HCl	Sarafem
fluoxetine HCl	fluoxetine
fluvoxamine maleate	Luvox CR
fluvoxamine maleate	fluvoxamine
imipramine HCl	Tofranil
imipramine HCl	imipramine HCl
imipramine pamoate	Tofranil-PM
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	Brisdelle
paroxetine mesylate	Pexeva
paroxetine mesylate	paroxetine mesylate(menop.sym)
perphenazine/amitriptyline HCl	perphenazine-amitriptyline
phenelzine sulfate	Nardil
phenelzine sulfate	phenelzine
protriptyline HCl	Vivactil
protriptyline HCl	protriptyline
selegiline	Emsam
sertraline HCl	Zoloft
sertraline HCl	sertraline
tranylcypromine sulfate	Parnate
tranylcypromine sulfate	tranylcypromine
trazodone HCl	Oleptro ER
trazodone HCl	trazodone
trimipramine maleate	Surmontil
trimipramine maleate	trimipramine
venlafaxine HCl	Effexor XR
venlafaxine HCl	venlafaxine

**Appendix AC. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request**

Generic Name	Brand Name
vilazodone HCl	Viibryd
vortioxetine hydrobromide	Brintellix
vortioxetine hydrobromide	Trintellix
Oral Corticosteroid Dispensing - Component of Asthma Exacerbation Episode	
cortisone acetate	cortisone
dexamethasone	Decadron
dexamethasone	DexPak 10 day
dexamethasone	DexPak 13 Day
dexamethasone	DexPak 6 Day
dexamethasone	Dexabliss
dexamethasone	Dexamethasone Intensol
dexamethasone	Dxevo
dexamethasone	Hemady
dexamethasone	HiDex
dexamethasone	LoCort
dexamethasone	TaperDex
dexamethasone	ZCort
dexamethasone	ZoDex
dexamethasone	ZonaCort
dexamethasone	dexamethasone
hydrocortisone	Alkindi Sprinkle
hydrocortisone	Cortef
hydrocortisone	hydrocortisone
methylprednisolone	Medrol
methylprednisolone	Medrol (Pak)
methylprednisolone	Methylpred DP
methylprednisolone	methylprednisolone
prednisolone	Millipred
prednisolone	Millipred DP
prednisolone	Prelone
prednisolone	prednisolone
prednisolone acetate	Flo-Pred
prednisolone sodium phosphate	Millipred
prednisolone sodium phosphate	Orapred ODT
prednisolone sodium phosphate	Pediapred
prednisolone sodium phosphate	Veripred 20
prednisolone sodium phosphate	prednisolone sodium phosphate
prednisone	Deltasone
prednisone	Prednisone Intensol
prednisone	Rayos
prednisone	prednisone

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

Code	Description	Code Category	Code Type
<b>Psychiatric History</b>			
290.0	Senile dementia, uncomplicated	Diagnosis	ICD-9-CM
290.10	Presenile dementia, uncomplicated	Diagnosis	ICD-9-CM
290.11	Presenile dementia with delirium	Diagnosis	ICD-9-CM
290.12	Presenile dementia with delusional features	Diagnosis	ICD-9-CM
290.13	Presenile dementia with depressive features	Diagnosis	ICD-9-CM
290.20	Senile dementia with delusional features	Diagnosis	ICD-9-CM
290.21	Senile dementia with depressive features	Diagnosis	ICD-9-CM
290.3	Senile dementia with delirium	Diagnosis	ICD-9-CM
290.40	Vascular dementia, uncomplicated	Diagnosis	ICD-9-CM
290.41	Vascular dementia, with delirium	Diagnosis	ICD-9-CM
290.42	Vascular dementia, with delusions	Diagnosis	ICD-9-CM
290.43	Vascular dementia, with depressed mood	Diagnosis	ICD-9-CM
290.8	Other specified senile psychotic conditions	Diagnosis	ICD-9-CM
290.9	Unspecified senile psychotic condition	Diagnosis	ICD-9-CM
291	Alcohol-induced mental disorders	Diagnosis	ICD-9-CM
291.0	Alcohol withdrawal delirium	Diagnosis	ICD-9-CM
291.1	Alcohol-induced persisting amnestic disorder	Diagnosis	ICD-9-CM
291.2	Alcohol-induced persisting dementia	Diagnosis	ICD-9-CM
291.3	Alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-9-CM
291.4	Idiosyncratic alcohol intoxication	Diagnosis	ICD-9-CM
291.5	Alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-9-CM
291.8	Other specified alcohol-induced mental disorders	Diagnosis	ICD-9-CM
291.81	Alcohol withdrawal	Diagnosis	ICD-9-CM
291.82	Alcohol induced sleep disorders	Diagnosis	ICD-9-CM
291.89	Other specified alcohol-induced mental disorders	Diagnosis	ICD-9-CM
291.9	Unspecified alcohol-induced mental disorders	Diagnosis	ICD-9-CM
292	Drug-induced mental disorders	Diagnosis	ICD-9-CM
292.0	Drug withdrawal	Diagnosis	ICD-9-CM
292.1	Drug-induced psychotic disorder	Diagnosis	ICD-9-CM
292.11	Drug-induced psychotic disorder with delusions	Diagnosis	ICD-9-CM
292.12	Drug-induced psychotic disorder with hallucinations	Diagnosis	ICD-9-CM
292.2	Pathological drug intoxication	Diagnosis	ICD-9-CM
292.8	Other specified drug-induced mental disorders	Diagnosis	ICD-9-CM
292.81	Drug-induced delirium	Diagnosis	ICD-9-CM
292.82	Drug-induced persisting dementia	Diagnosis	ICD-9-CM
292.83	Drug-induced persisting amnestic disorder	Diagnosis	ICD-9-CM
292.84	Drug-induced mood disorder	Diagnosis	ICD-9-CM
292.85	Drug induced sleep disorders	Diagnosis	ICD-9-CM
292.89	Other specified drug-induced mental disorder	Diagnosis	ICD-9-CM
292.9	Unspecified drug-induced mental disorder	Diagnosis	ICD-9-CM
293	Transient mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
293.0	Delirium due to conditions classified elsewhere	Diagnosis	ICD-9-CM
293.1	Subacute delirium	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
293.8	Other specified transient mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
293.81	Psychotic disorder with delusions in conditions classified elsewhere	Diagnosis	ICD-9-CM
293.82	Psychotic disorder with hallucinations in conditions classified elsewhere	Diagnosis	ICD-9-CM
293.83	Mood disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
293.84	Anxiety disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
293.89	Other transient mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
293.9	Unspecified transient mental disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
294	Persistent mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
294.0	Amnestic disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
294.1	Dementia in conditions classified elsewhere	Diagnosis	ICD-9-CM
294.10	Dementia in conditions classified elsewhere without behavioral disturbance	Diagnosis	ICD-9-CM
294.11	Dementia in conditions classified elsewhere with behavioral disturbance	Diagnosis	ICD-9-CM
294.2	Dementia, unspecified	Diagnosis	ICD-9-CM
294.20	Dementia, unspecified, without behavioral disturbance	Diagnosis	ICD-9-CM
294.21	Dementia, unspecified, with behavioral disturbance	Diagnosis	ICD-9-CM
294.8	Other persistent mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
294.9	Unspecified persistent mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
295	Schizophrenic disorders	Diagnosis	ICD-9-CM
295.0	Simple type schizophrenia	Diagnosis	ICD-9-CM
295.00	Simple schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.01	Simple schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.02	Simple schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.03	Simple schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.04	Simple schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.05	Simple schizophrenia, in remission	Diagnosis	ICD-9-CM
295.1	Disorganized type schizophrenia	Diagnosis	ICD-9-CM
295.10	Disorganized schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.11	Disorganized schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.12	Disorganized schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.13	Disorganized schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.14	Disorganized schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.15	Disorganized schizophrenia, in remission	Diagnosis	ICD-9-CM
295.2	Catatonic type schizophrenia	Diagnosis	ICD-9-CM
295.20	Catatonic schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.21	Catatonic schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.22	Catatonic schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.23	Catatonic schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.24	Catatonic schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.25	Catatonic schizophrenia, in remission	Diagnosis	ICD-9-CM
295.3	Paranoid type schizophrenia	Diagnosis	ICD-9-CM
295.30	Paranoid schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.31	Paranoid schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.32	Paranoid schizophrenia, chronic condition	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
295.33	Paranoid schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.34	Paranoid schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.35	Paranoid schizophrenia, in remission	Diagnosis	ICD-9-CM
295.4	Schizophreniform disorder	Diagnosis	ICD-9-CM
295.40	Schizophreniform disorder, unspecified	Diagnosis	ICD-9-CM
295.41	Schizophreniform disorder, subchronic	Diagnosis	ICD-9-CM
295.42	Schizophreniform disorder, chronic	Diagnosis	ICD-9-CM
295.43	Schizophreniform disorder, subchronic with acute exacerbation	Diagnosis	ICD-9-CM
295.44	Schizophreniform disorder, chronic with acute exacerbation	Diagnosis	ICD-9-CM
295.45	Schizophreniform disorder, in remission	Diagnosis	ICD-9-CM
295.5	Latent schizophrenia	Diagnosis	ICD-9-CM
295.50	Latent schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.51	Latent schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.52	Latent schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.53	Latent schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.54	Latent schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.55	Latent schizophrenia, in remission	Diagnosis	ICD-9-CM
295.6	Schizophrenic disorders, residual type	Diagnosis	ICD-9-CM
295.60	Schizophrenic disorders, residual type, unspecified	Diagnosis	ICD-9-CM
295.61	Schizophrenic disorders, residual type, subchronic	Diagnosis	ICD-9-CM
295.62	Schizophrenic disorders, residual type, chronic	Diagnosis	ICD-9-CM
295.63	Schizophrenic disorders, residual type, subchronic with acute exacerbation	Diagnosis	ICD-9-CM
295.64	Schizophrenic disorders, residual type, chronic with acute exacerbation	Diagnosis	ICD-9-CM
295.65	Schizophrenic disorders, residual type, in remission	Diagnosis	ICD-9-CM
295.7	Schizoaffective disorder	Diagnosis	ICD-9-CM
295.70	Schizoaffective disorder, unspecified	Diagnosis	ICD-9-CM
295.71	Schizoaffective disorder, subchronic	Diagnosis	ICD-9-CM
295.72	Schizoaffective disorder, chronic	Diagnosis	ICD-9-CM
295.73	Schizoaffective disorder, subchronic with acute exacerbation	Diagnosis	ICD-9-CM
295.74	Schizoaffective disorder, chronic with acute exacerbation	Diagnosis	ICD-9-CM
295.75	Schizoaffective disorder, in remission	Diagnosis	ICD-9-CM
295.8	Other specified types of schizophrenia	Diagnosis	ICD-9-CM
295.80	Other specified types of schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.81	Other specified types of schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.82	Other specified types of schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.83	Other specified types of schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.84	Other specified types of schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.85	Other specified types of schizophrenia, in remission	Diagnosis	ICD-9-CM
295.9	Unspecified schizophrenia	Diagnosis	ICD-9-CM
295.90	Unspecified schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.91	Unspecified schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.92	Unspecified schizophrenia, chronic condition	Diagnosis	ICD-9-CM



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

Code	Description	Code Category	Code Type
295.93	Unspecified schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.94	Unspecified schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.95	Unspecified schizophrenia, in remission	Diagnosis	ICD-9-CM
296.0	Bipolar I disorder, single manic episode	Diagnosis	ICD-9-CM
296.00	Bipolar I disorder, single manic episode, unspecified	Diagnosis	ICD-9-CM
296.01	Bipolar I disorder, single manic episode, mild	Diagnosis	ICD-9-CM
296.02	Bipolar I disorder, single manic episode, moderate	Diagnosis	ICD-9-CM
296.03	Bipolar I disorder, single manic episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.04	Bipolar I disorder, single manic episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.05	Bipolar I disorder, single manic episode, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.06	Bipolar I disorder, single manic episode, in full remission	Diagnosis	ICD-9-CM
296.1	Manic disorder, recurrent episode	Diagnosis	ICD-9-CM
296.10	Manic disorder, recurrent episode, unspecified	Diagnosis	ICD-9-CM
296.11	Manic disorder, recurrent episode, mild	Diagnosis	ICD-9-CM
296.12	Manic disorder, recurrent episode, moderate	Diagnosis	ICD-9-CM
296.13	Manic disorder, recurrent episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.14	Manic disorder, recurrent episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.15	Manic disorder, recurrent episode, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.16	Manic disorder, recurrent episode, in full remission	Diagnosis	ICD-9-CM
296.2	Major depressive disorder, single episode	Diagnosis	ICD-9-CM
296.20	Major depressive disorder, single episode, unspecified	Diagnosis	ICD-9-CM
296.21	Major depressive disorder, single episode, mild	Diagnosis	ICD-9-CM
296.22	Major depressive disorder, single episode, moderate	Diagnosis	ICD-9-CM
296.23	Major depressive disorder, single episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.24	Major depressive disorder, single episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.25	Major depressive disorder, single episode, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.26	Major depressive disorder, single episode in full remission	Diagnosis	ICD-9-CM
296.3	Major depressive disorder, recurrent episode	Diagnosis	ICD-9-CM
296.30	Major depressive disorder, recurrent episode, unspecified	Diagnosis	ICD-9-CM
296.31	Major depressive disorder, recurrent episode, mild	Diagnosis	ICD-9-CM
296.32	Major depressive disorder, recurrent episode, moderate	Diagnosis	ICD-9-CM
296.33	Major depressive disorder, recurrent episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.34	Major depressive disorder, recurrent episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.35	Major depressive disorder, recurrent episode, in partial or unspecified	Diagnosis	ICD-9-CM
296.36	Major depressive disorder, recurrent episode, in full remission	Diagnosis	ICD-9-CM
296.4	Bipolar I disorder, most recent episode (or current) manic	Diagnosis	ICD-9-CM
296.40	Bipolar I disorder, most recent episode (or current) manic, unspecified	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
296.41	Bipolar I disorder, most recent episode (or current) manic, mild	Diagnosis	ICD-9-CM
296.42	Bipolar I disorder, most recent episode (or current) manic, moderate	Diagnosis	ICD-9-CM
296.43	Bipolar I disorder, most recent episode (or current) manic, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.44	Bipolar I disorder, most recent episode (or current) manic, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.45	Bipolar I disorder, most recent episode (or current) manic, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.46	Bipolar I disorder, most recent episode (or current) manic, in full remission	Diagnosis	ICD-9-CM
296.5	Bipolar I disorder, most recent episode (or current), depressed	Diagnosis	ICD-9-CM
296.50	Bipolar I disorder, most recent episode (or current) depressed, unspecified	Diagnosis	ICD-9-CM
296.51	Bipolar I disorder, most recent episode (or current) depressed, mild	Diagnosis	ICD-9-CM
296.52	Bipolar I disorder, most recent episode (or current) depressed, moderate	Diagnosis	ICD-9-CM
296.53	Bipolar I disorder, most recent episode (or current) depressed, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.54	Bipolar I disorder, most recent episode (or current) depressed, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.55	Bipolar I disorder, most recent episode (or current) depressed, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.56	Bipolar I disorder, most recent episode (or current) depressed, in full remission	Diagnosis	ICD-9-CM
296.6	Bipolar I disorder, most recent episode (or current), mixed	Diagnosis	ICD-9-CM
296.60	Bipolar I disorder, most recent episode (or current) mixed, unspecified	Diagnosis	ICD-9-CM
296.61	Bipolar I disorder, most recent episode (or current) mixed, mild	Diagnosis	ICD-9-CM
296.62	Bipolar I disorder, most recent episode (or current) mixed, moderate	Diagnosis	ICD-9-CM
296.63	Bipolar I disorder, most recent episode (or current) mixed, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.64	Bipolar I disorder, most recent episode (or current) mixed, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.65	Bipolar I disorder, most recent episode (or current) mixed, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.66	Bipolar I disorder, most recent episode (or current) mixed, in full remission	Diagnosis	ICD-9-CM
296.7	Bipolar I disorder, most recent episode (or current) unspecified	Diagnosis	ICD-9-CM
296.8	Other and unspecified bipolar disorders	Diagnosis	ICD-9-CM
296.80	Bipolar disorder, unspecified	Diagnosis	ICD-9-CM
296.81	Atypical manic disorder	Diagnosis	ICD-9-CM
296.82	Atypical depressive disorder	Diagnosis	ICD-9-CM
296.89	Other and unspecified bipolar disorders	Diagnosis	ICD-9-CM
296.90	Unspecified episodic mood disorder	Diagnosis	ICD-9-CM
296.99	Other specified episodic mood disorder	Diagnosis	ICD-9-CM
297	Delusional disorders	Diagnosis	ICD-9-CM
297.0	Paranoid state, simple	Diagnosis	ICD-9-CM
297.1	Delusional disorder	Diagnosis	ICD-9-CM
297.2	Paraphrenia	Diagnosis	ICD-9-CM
297.3	Shared psychotic disorder	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
297.8	Other specified paranoid states	Diagnosis	ICD-9-CM
297.9	Unspecified paranoid state	Diagnosis	ICD-9-CM
298	Other nonorganic psychoses	Diagnosis	ICD-9-CM
298.0	Depressive type psychosis	Diagnosis	ICD-9-CM
298.1	Excitative type psychosis	Diagnosis	ICD-9-CM
298.2	Reactive confusion	Diagnosis	ICD-9-CM
298.3	Acute paranoid reaction	Diagnosis	ICD-9-CM
298.4	Psychogenic paranoid psychosis	Diagnosis	ICD-9-CM
298.8	Other and unspecified reactive psychosis	Diagnosis	ICD-9-CM
298.9	Unspecified psychosis	Diagnosis	ICD-9-CM
299	Pervasive developmental disorders	Diagnosis	ICD-9-CM
299.0	Autistic disorder	Diagnosis	ICD-9-CM
299.00	Autistic disorder, current or active state	Diagnosis	ICD-9-CM
299.01	Autistic disorder, residual state	Diagnosis	ICD-9-CM
299.1	Childhood disintegrative disorder	Diagnosis	ICD-9-CM
299.10	Childhood disintegrative disorder, current or active state	Diagnosis	ICD-9-CM
299.11	Childhood disintegrative disorder, residual state	Diagnosis	ICD-9-CM
299.8	Other specified pervasive developmental disorders	Diagnosis	ICD-9-CM
299.80	Other specified pervasive developmental disorders, current or active state	Diagnosis	ICD-9-CM
299.81	Other specified pervasive developmental disorders, residual state	Diagnosis	ICD-9-CM
299.9	Unspecified pervasive developmental disorder	Diagnosis	ICD-9-CM
299.90	Unspecified pervasive developmental disorder, current or active state	Diagnosis	ICD-9-CM
299.91	Unspecified pervasive developmental disorder, residual state	Diagnosis	ICD-9-CM
300.0	Anxiety states	Diagnosis	ICD-9-CM
300.00	Anxiety state, unspecified	Diagnosis	ICD-9-CM
300.01	Panic disorder without agoraphobia	Diagnosis	ICD-9-CM
300.02	Generalized anxiety disorder	Diagnosis	ICD-9-CM
300.09	Other anxiety states	Diagnosis	ICD-9-CM
300.1	Dissociative, conversion and factitious disorders	Diagnosis	ICD-9-CM
300.10	Hysteria, unspecified	Diagnosis	ICD-9-CM
300.11	Conversion disorder	Diagnosis	ICD-9-CM
300.12	Dissociative amnesia	Diagnosis	ICD-9-CM
300.13	Dissociative fugue	Diagnosis	ICD-9-CM
300.14	Dissociative identity disorder	Diagnosis	ICD-9-CM
300.15	Dissociative disorder or reaction, unspecified	Diagnosis	ICD-9-CM
300.16	Factitious disorder with predominantly psychological signs and symptoms	Diagnosis	ICD-9-CM
300.19	Other and unspecified factitious illness	Diagnosis	ICD-9-CM
300.2	Phobic disorders	Diagnosis	ICD-9-CM
300.20	Phobia, unspecified	Diagnosis	ICD-9-CM
300.21	Agoraphobia with panic disorder	Diagnosis	ICD-9-CM
300.22	Agoraphobia without mention of panic attacks	Diagnosis	ICD-9-CM
300.23	Social phobia	Diagnosis	ICD-9-CM
300.29	Other isolated or specific phobias	Diagnosis	ICD-9-CM
300.3	Obsessive-compulsive disorders	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
300.4	Dysthymic disorder	Diagnosis	ICD-9-CM
300.5	Neurasthenia	Diagnosis	ICD-9-CM
300.6	Depersonalization disorder	Diagnosis	ICD-9-CM
300.7	Hypochondriasis	Diagnosis	ICD-9-CM
300.8	Somatoform disorders	Diagnosis	ICD-9-CM
300.81	Somatization disorder	Diagnosis	ICD-9-CM
300.82	Undifferentiated somatoform disorder	Diagnosis	ICD-9-CM
300.89	Other somatoform disorders	Diagnosis	ICD-9-CM
300.9	Unspecified nonpsychotic mental disorder	Diagnosis	ICD-9-CM
301	Personality disorders	Diagnosis	ICD-9-CM
301.0	Paranoid personality disorder	Diagnosis	ICD-9-CM
301.1	Affective personality disorder	Diagnosis	ICD-9-CM
301.10	Affective personality disorder, unspecified	Diagnosis	ICD-9-CM
301.11	Chronic hypomanic personality disorder	Diagnosis	ICD-9-CM
301.12	Chronic depressive personality disorder	Diagnosis	ICD-9-CM
301.13	Cyclothymic disorder	Diagnosis	ICD-9-CM
301.2	Schizoid personality disorder	Diagnosis	ICD-9-CM
301.20	Schizoid personality disorder, unspecified	Diagnosis	ICD-9-CM
301.21	Introverted personality	Diagnosis	ICD-9-CM
301.22	Schizotypal personality disorder	Diagnosis	ICD-9-CM
301.3	Explosive personality disorder	Diagnosis	ICD-9-CM
301.4	Obsessive-compulsive personality disorder	Diagnosis	ICD-9-CM
301.5	Histrionic personality disorder	Diagnosis	ICD-9-CM
301.50	Histrionic personality disorder, unspecified	Diagnosis	ICD-9-CM
301.51	Chronic factitious illness with physical symptoms	Diagnosis	ICD-9-CM
301.59	Other histrionic personality disorder	Diagnosis	ICD-9-CM
301.6	Dependent personality disorder	Diagnosis	ICD-9-CM
301.7	Antisocial personality disorder	Diagnosis	ICD-9-CM
301.8	Other personality disorders	Diagnosis	ICD-9-CM
301.81	Narcissistic personality disorder	Diagnosis	ICD-9-CM
301.82	Avoidant personality disorder	Diagnosis	ICD-9-CM
301.83	Borderline personality disorder	Diagnosis	ICD-9-CM
301.84	Passive-aggressive personality	Diagnosis	ICD-9-CM
301.89	Other personality disorder	Diagnosis	ICD-9-CM
301.9	Unspecified personality disorder	Diagnosis	ICD-9-CM
302	Sexual and gender identity disorders	Diagnosis	ICD-9-CM
302.0	Ego-dystonic sexual orientation	Diagnosis	ICD-9-CM
302.1	Zoophilia	Diagnosis	ICD-9-CM
302.2	Pedophilia	Diagnosis	ICD-9-CM
302.3	Transvestic fetishism	Diagnosis	ICD-9-CM
302.4	Exhibitionism	Diagnosis	ICD-9-CM
302.5	Trans-sexualism	Diagnosis	ICD-9-CM
302.50	Trans-sexualism with unspecified sexual history	Diagnosis	ICD-9-CM
302.51	Trans-sexualism with asexual history	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
302.52	Trans-sexualism with homosexual history	Diagnosis	ICD-9-CM
302.53	Trans-sexualism with heterosexual history	Diagnosis	ICD-9-CM
302.6	Gender identity disorder in children	Diagnosis	ICD-9-CM
302.7	Psychosexual dysfunction	Diagnosis	ICD-9-CM
302.70	Psychosexual dysfunction, unspecified	Diagnosis	ICD-9-CM
302.71	Hypoactive sexual desire disorder	Diagnosis	ICD-9-CM
302.72	Psychosexual dysfunction with inhibited sexual excitement	Diagnosis	ICD-9-CM
302.73	Female orgasmic disorder	Diagnosis	ICD-9-CM
302.74	Male orgasmic disorder	Diagnosis	ICD-9-CM
302.75	Premature ejaculation	Diagnosis	ICD-9-CM
302.76	Dyspareunia, psychogenic	Diagnosis	ICD-9-CM
302.79	Psychosexual dysfunction with other specified psychosexual dysfunctions	Diagnosis	ICD-9-CM
302.8	Other specified psychosexual disorders	Diagnosis	ICD-9-CM
302.81	Fetishism	Diagnosis	ICD-9-CM
302.82	Voyeurism	Diagnosis	ICD-9-CM
302.83	Sexual masochism	Diagnosis	ICD-9-CM
302.84	Sexual sadism	Diagnosis	ICD-9-CM
302.85	Gender identity disorder in adolescents or adults	Diagnosis	ICD-9-CM
302.89	Other specified psychosexual disorder	Diagnosis	ICD-9-CM
302.9	Unspecified psychosexual disorder	Diagnosis	ICD-9-CM
303	Alcohol dependence syndrome	Diagnosis	ICD-9-CM
303.0	Acute alcoholic intoxication	Diagnosis	ICD-9-CM
303.00	Acute alcoholic intoxication, unspecified	Diagnosis	ICD-9-CM
303.01	Acute alcoholic intoxication, continuous	Diagnosis	ICD-9-CM
303.02	Acute alcoholic intoxication, episodic	Diagnosis	ICD-9-CM
303.03	Acute alcoholic intoxication, in remission	Diagnosis	ICD-9-CM
303.9	Other and unspecified alcohol dependence	Diagnosis	ICD-9-CM
303.90	Other and unspecified alcohol dependence, unspecified	Diagnosis	ICD-9-CM
303.91	Other and unspecified alcohol dependence, continuous	Diagnosis	ICD-9-CM
303.92	Other and unspecified alcohol dependence, episodic	Diagnosis	ICD-9-CM
303.93	Other and unspecified alcohol dependence, in remission	Diagnosis	ICD-9-CM
304	Drug dependence	Diagnosis	ICD-9-CM
304.0	Opioid type dependence	Diagnosis	ICD-9-CM
304.00	Opioid type dependence, unspecified	Diagnosis	ICD-9-CM
304.01	Opioid type dependence, continuous	Diagnosis	ICD-9-CM
304.02	Opioid type dependence, episodic	Diagnosis	ICD-9-CM
304.03	Opioid type dependence, in remission	Diagnosis	ICD-9-CM
304.1	Sedative, hypnotic or anxiolytic dependence	Diagnosis	ICD-9-CM
304.10	Sedative, hypnotic or anxiolytic dependence, unspecified	Diagnosis	ICD-9-CM
304.11	Sedative, hypnotic or anxiolytic dependence, continuous	Diagnosis	ICD-9-CM
304.12	Sedative, hypnotic or anxiolytic dependence, episodic	Diagnosis	ICD-9-CM
304.13	Sedative, hypnotic or anxiolytic dependence, in remission	Diagnosis	ICD-9-CM
304.2	Cocaine dependence	Diagnosis	ICD-9-CM
304.20	Cocaine dependence, unspecified	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
304.21	Cocaine dependence, continuous	Diagnosis	ICD-9-CM
304.22	Cocaine dependence, episodic	Diagnosis	ICD-9-CM
304.23	Cocaine dependence, in remission	Diagnosis	ICD-9-CM
304.3	Cannabis dependence	Diagnosis	ICD-9-CM
304.30	Cannabis dependence, unspecified	Diagnosis	ICD-9-CM
304.31	Cannabis dependence, continuous	Diagnosis	ICD-9-CM
304.32	Cannabis dependence, episodic	Diagnosis	ICD-9-CM
304.33	Cannabis dependence, in remission	Diagnosis	ICD-9-CM
304.4	Amphetamine and other psychostimulant dependence	Diagnosis	ICD-9-CM
304.40	Amphetamine and other psychostimulant dependence, unspecified	Diagnosis	ICD-9-CM
304.41	Amphetamine and other psychostimulant dependence, continuous	Diagnosis	ICD-9-CM
304.42	Amphetamine and other psychostimulant dependence, episodic	Diagnosis	ICD-9-CM
304.43	Amphetamine and other psychostimulant dependence, in remission	Diagnosis	ICD-9-CM
304.5	Hallucinogen dependence	Diagnosis	ICD-9-CM
304.50	Hallucinogen dependence, unspecified	Diagnosis	ICD-9-CM
304.51	Hallucinogen dependence, continuous	Diagnosis	ICD-9-CM
304.52	Hallucinogen dependence, episodic	Diagnosis	ICD-9-CM
304.53	Hallucinogen dependence, in remission	Diagnosis	ICD-9-CM
304.6	Other specified drug dependence	Diagnosis	ICD-9-CM
304.60	Other specified drug dependence, unspecified	Diagnosis	ICD-9-CM
304.61	Other specified drug dependence, continuous	Diagnosis	ICD-9-CM
304.62	Other specified drug dependence, episodic	Diagnosis	ICD-9-CM
304.63	Other specified drug dependence, in remission	Diagnosis	ICD-9-CM
304.7	Combinations of opioid type drug with any other drug dependence	Diagnosis	ICD-9-CM
304.70	Combinations of opioid type drug with any other drug dependence,	Diagnosis	ICD-9-CM
304.71	Combinations of opioid type drug with any other drug dependence,	Diagnosis	ICD-9-CM
304.72	Combinations of opioid type drug with any other drug dependence, episodic	Diagnosis	ICD-9-CM
304.73	Combinations of opioid type drug with any other drug dependence, in	Diagnosis	ICD-9-CM
304.8	Combinations of drug dependence excluding opioid type drug	Diagnosis	ICD-9-CM
304.80	Combinations of drug dependence excluding opioid type drug, unspecified	Diagnosis	ICD-9-CM
304.81	Combinations of drug dependence excluding opioid type drug, continuous	Diagnosis	ICD-9-CM
304.82	Combinations of drug dependence excluding opioid type drug, episodic	Diagnosis	ICD-9-CM
304.83	Combinations of drug dependence excluding opioid type drug, in remission	Diagnosis	ICD-9-CM
304.9	Unspecified drug dependence	Diagnosis	ICD-9-CM
304.90	Unspecified drug dependence, unspecified	Diagnosis	ICD-9-CM
304.91	Unspecified drug dependence, continuous	Diagnosis	ICD-9-CM
304.92	Unspecified drug dependence, episodic	Diagnosis	ICD-9-CM
304.93	Unspecified drug dependence, in remission	Diagnosis	ICD-9-CM
305	Nondependent abuse of drugs	Diagnosis	ICD-9-CM
305.0	Nondependent alcohol abuse	Diagnosis	ICD-9-CM
305.00	Nondependent alcohol abuse, unspecified	Diagnosis	ICD-9-CM
305.01	Nondependent alcohol abuse, continuous	Diagnosis	ICD-9-CM
305.02	Nondependent alcohol abuse, episodic	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
305.03	Nondependent alcohol abuse, in remission	Diagnosis	ICD-9-CM
305.1	Nondependent tobacco use disorder	Diagnosis	ICD-9-CM
305.2	Nondependent cannabis abuse	Diagnosis	ICD-9-CM
305.20	Nondependent cannabis abuse, unspecified	Diagnosis	ICD-9-CM
305.21	Nondependent cannabis abuse, continuous	Diagnosis	ICD-9-CM
305.22	Nondependent cannabis abuse, episodic	Diagnosis	ICD-9-CM
305.23	Nondependent cannabis abuse, in remission	Diagnosis	ICD-9-CM
305.3	Nondependent hallucinogen abuse	Diagnosis	ICD-9-CM
305.30	Nondependent hallucinogen abuse, unspecified	Diagnosis	ICD-9-CM
305.31	Nondependent hallucinogen abuse, continuous	Diagnosis	ICD-9-CM
305.32	Nondependent hallucinogen abuse, episodic	Diagnosis	ICD-9-CM
305.33	Nondependent hallucinogen abuse, in remission	Diagnosis	ICD-9-CM
305.4	Nondependent sedative, hypnotic or anxiolytic abuse	Diagnosis	ICD-9-CM
305.40	Nondependent sedative, hypnotic or anxiolytic abuse, unspecified	Diagnosis	ICD-9-CM
305.41	Nondependent sedative hypnotic or anxiolytic abuse, continuous	Diagnosis	ICD-9-CM
305.42	Nondependent sedative, hypnotic or anxiolytic abuse, episodic	Diagnosis	ICD-9-CM
305.43	Nondependent sedative, hypnotic or anxiolytic abuse, in remission	Diagnosis	ICD-9-CM
305.5	Nondependent opioid abuse	Diagnosis	ICD-9-CM
305.50	Nondependent opioid abuse, unspecified	Diagnosis	ICD-9-CM
305.51	Nondependent opioid abuse, continuous	Diagnosis	ICD-9-CM
305.52	Nondependent opioid abuse, episodic	Diagnosis	ICD-9-CM
305.53	Nondependent opioid abuse, in remission	Diagnosis	ICD-9-CM
305.6	Nondependent cocaine abuse	Diagnosis	ICD-9-CM
305.60	Nondependent cocaine abuse, unspecified	Diagnosis	ICD-9-CM
305.61	Nondependent cocaine abuse, continuous	Diagnosis	ICD-9-CM
305.62	Nondependent cocaine abuse, episodic	Diagnosis	ICD-9-CM
305.63	Nondependent cocaine abuse, in remission	Diagnosis	ICD-9-CM
305.7	Nondependent amphetamine or related acting sympathomimetic abuse	Diagnosis	ICD-9-CM
305.70	Nondependent amphetamine or related acting sympathomimetic abuse, unspecified	Diagnosis	ICD-9-CM
305.71	Nondependent amphetamine or related acting sympathomimetic abuse, continuous	Diagnosis	ICD-9-CM
305.72	Nondependent amphetamine or related acting sympathomimetic abuse, episodic	Diagnosis	ICD-9-CM
305.73	Nondependent amphetamine or related acting sympathomimetic abuse, in remission	Diagnosis	ICD-9-CM
305.8	Nondependent antidepressant type abuse	Diagnosis	ICD-9-CM
305.80	Nondependent antidepressant type abuse, unspecified	Diagnosis	ICD-9-CM
305.81	Nondependent antidepressant type abuse, continuous	Diagnosis	ICD-9-CM
305.82	Nondependent antidepressant type abuse, episodic	Diagnosis	ICD-9-CM
305.83	Nondependent antidepressant type abuse, in remission	Diagnosis	ICD-9-CM
305.9	Other, mixed, or unspecified nondependent drug abuse	Diagnosis	ICD-9-CM
305.90	Other, mixed, or unspecified nondependent drug abuse, unspecified	Diagnosis	ICD-9-CM
305.91	Other, mixed, or unspecified nondependent drug abuse, continuous	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
305.92	Other, mixed, or unspecified nondependent drug abuse, episodic	Diagnosis	ICD-9-CM
305.93	Other, mixed, or unspecified nondependent drug abuse, in remission	Diagnosis	ICD-9-CM
306	Physiological malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.0	Musculoskeletal malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.1	Respiratory malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.2	Cardiovascular malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.3	Skin malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.4	Gastrointestinal malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.5	Genitourinary malfunctions arising from mental factors	Diagnosis	ICD-9-CM
306.50	Psychogenic genitourinary malfunction, unspecified	Diagnosis	ICD-9-CM
306.51	Psychogenic vaginismus	Diagnosis	ICD-9-CM
306.52	Psychogenic dysmenorrhea	Diagnosis	ICD-9-CM
306.53	Psychogenic dysuria	Diagnosis	ICD-9-CM
306.59	Other genitourinary malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.6	Endocrine malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.7	Malfunction of organs of special sense arising from mental factors	Diagnosis	ICD-9-CM
306.8	Other specified psychophysiological malfunction	Diagnosis	ICD-9-CM
306.9	Unspecified psychophysiological malfunction	Diagnosis	ICD-9-CM
307	Special symptoms or syndromes, not elsewhere classified	Diagnosis	ICD-9-CM
307.0	Adult onset fluency disorder	Diagnosis	ICD-9-CM
307.1	Anorexia nervosa	Diagnosis	ICD-9-CM
307.2	Tics	Diagnosis	ICD-9-CM
307.20	Tic disorder, unspecified	Diagnosis	ICD-9-CM
307.21	Transient tic disorder	Diagnosis	ICD-9-CM
307.22	Chronic motor or vocal tic disorder	Diagnosis	ICD-9-CM
307.23	Tourette's disorder	Diagnosis	ICD-9-CM
307.3	Stereotypic movement disorder	Diagnosis	ICD-9-CM
307.4	Specific disorders of sleep of nonorganic origin	Diagnosis	ICD-9-CM
307.40	Nonorganic sleep disorder, unspecified	Diagnosis	ICD-9-CM
307.41	Transient disorder of initiating or maintaining sleep	Diagnosis	ICD-9-CM
307.42	Persistent disorder of initiating or maintaining sleep	Diagnosis	ICD-9-CM
307.43	Transient disorder of initiating or maintaining wakefulness	Diagnosis	ICD-9-CM
307.44	Persistent disorder of initiating or maintaining wakefulness	Diagnosis	ICD-9-CM
307.45	Circadian rhythm sleep disorder of nonorganic origin	Diagnosis	ICD-9-CM
307.46	Sleep arousal disorder	Diagnosis	ICD-9-CM
307.47	Other dysfunctions of sleep stages or arousal from sleep	Diagnosis	ICD-9-CM
307.48	Repetitive intrusions of sleep	Diagnosis	ICD-9-CM
307.49	Other specific disorder of sleep of nonorganic origin	Diagnosis	ICD-9-CM
307.5	Other and unspecified disorders of eating	Diagnosis	ICD-9-CM
307.50	Eating disorder, unspecified	Diagnosis	ICD-9-CM
307.51	Bulimia nervosa	Diagnosis	ICD-9-CM
307.52	Pica	Diagnosis	ICD-9-CM
307.53	Rumination disorder	Diagnosis	ICD-9-CM
307.54	Psychogenic vomiting	Diagnosis	ICD-9-CM



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

Code	Description	Code Category	Code Type
307.59	Other disorder of eating	Diagnosis	ICD-9-CM
307.6	Enuresis	Diagnosis	ICD-9-CM
307.7	Encopresis	Diagnosis	ICD-9-CM
307.8	Pain disorders related to psychological factors	Diagnosis	ICD-9-CM
307.80	Psychogenic pain, site unspecified	Diagnosis	ICD-9-CM
307.81	Tension headache	Diagnosis	ICD-9-CM
307.89	Other pain disorder related to psychological factors	Diagnosis	ICD-9-CM
307.9	Other and unspecified special symptom or syndrome, not elsewhere classified	Diagnosis	ICD-9-CM
308	Acute reaction to stress	Diagnosis	ICD-9-CM
308.0	Predominant disturbance of emotions	Diagnosis	ICD-9-CM
308.1	Predominant disturbance of consciousness as reaction to stress	Diagnosis	ICD-9-CM
308.2	Predominant psychomotor disturbance as reaction to stress	Diagnosis	ICD-9-CM
308.3	Other acute reactions to stress	Diagnosis	ICD-9-CM
308.4	Mixed disorders as reaction to stress	Diagnosis	ICD-9-CM
308.9	Unspecified acute reaction to stress	Diagnosis	ICD-9-CM
309.0	Adjustment disorder with depressed mood	Diagnosis	ICD-9-CM
309.1	Prolonged depressive reaction as adjustment reaction	Diagnosis	ICD-9-CM
309.2	Predominant disturbance of other emotions as adjustment reaction	Diagnosis	ICD-9-CM
309.21	Separation anxiety disorder	Diagnosis	ICD-9-CM
309.22	Emancipation disorder of adolescence and early adult life	Diagnosis	ICD-9-CM
309.23	Specific academic or work inhibition as adjustment reaction	Diagnosis	ICD-9-CM
309.24	Adjustment disorder with anxiety	Diagnosis	ICD-9-CM
309.28	Adjustment disorder with mixed anxiety and depressed mood	Diagnosis	ICD-9-CM
309.29	Other adjustment reaction with predominant disturbance of other emotions	Diagnosis	ICD-9-CM
309.3	Adjustment disorder with disturbance of conduct	Diagnosis	ICD-9-CM
309.4	Adjustment disorder with mixed disturbance of emotions and conduct	Diagnosis	ICD-9-CM
309.8	Other specified adjustment reactions	Diagnosis	ICD-9-CM
309.81	Posttraumatic stress disorder	Diagnosis	ICD-9-CM
309.82	Adjustment reaction with physical symptoms	Diagnosis	ICD-9-CM
309.83	Adjustment reaction with withdrawal	Diagnosis	ICD-9-CM
309.89	Other specified adjustment reaction	Diagnosis	ICD-9-CM
309.9	Unspecified adjustment reaction	Diagnosis	ICD-9-CM
310	Specific nonpsychotic mental disorders due to brain damage	Diagnosis	ICD-9-CM
310.0	Frontal lobe syndrome	Diagnosis	ICD-9-CM
310.1	Personality change due to conditions classified elsewhere	Diagnosis	ICD-9-CM
310.2	Postconcussion syndrome	Diagnosis	ICD-9-CM
310.8	Other specified nonpsychotic mental disorder following organic brain damage	Diagnosis	ICD-9-CM
310.81	Pseudobulbar affect	Diagnosis	ICD-9-CM
310.89	Other specified nonpsychotic mental disorders following organic brain damage	Diagnosis	ICD-9-CM
310.9	Unspecified nonpsychotic mental disorder following organic brain damage	Diagnosis	ICD-9-CM
311	Depressive disorder, not elsewhere classified	Diagnosis	ICD-9-CM
312	Disturbance of conduct, not elsewhere classified	Diagnosis	ICD-9-CM
312.0	Undersocialized conduct disorder, aggressive type	Diagnosis	ICD-9-CM
312.00	Undersocialized conduct disorder, aggressive type, unspecified	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
312.01	Undersocialized conduct disorder, aggressive type, mild	Diagnosis	ICD-9-CM
312.02	Undersocialized conduct disorder, aggressive type, moderate	Diagnosis	ICD-9-CM
312.03	Undersocialized conduct disorder, aggressive type, severe	Diagnosis	ICD-9-CM
312.1	Undersocialized conduct disorder, unaggressive type	Diagnosis	ICD-9-CM
312.10	Undersocialized conduct disorder, unaggressive type, unspecified	Diagnosis	ICD-9-CM
312.11	Undersocialized conduct disorder, unaggressive type, mild	Diagnosis	ICD-9-CM
312.12	Undersocialized conduct disorder, unaggressive type, moderate	Diagnosis	ICD-9-CM
312.13	Undersocialized conduct disorder, unaggressive type, severe	Diagnosis	ICD-9-CM
312.2	Socialized conduct disorder	Diagnosis	ICD-9-CM
312.20	Socialized conduct disorder, unspecified	Diagnosis	ICD-9-CM
312.21	Socialized conduct disorder, mild	Diagnosis	ICD-9-CM
312.22	Socialized conduct disorder, moderate	Diagnosis	ICD-9-CM
312.23	Socialized conduct disorder, severe	Diagnosis	ICD-9-CM
312.3	Disorders of impulse control, not elsewhere classified	Diagnosis	ICD-9-CM
312.30	Impulse control disorder, unspecified	Diagnosis	ICD-9-CM
312.31	Pathological gambling	Diagnosis	ICD-9-CM
312.32	Kleptomania	Diagnosis	ICD-9-CM
312.33	Pyromania	Diagnosis	ICD-9-CM
312.34	Intermittent explosive disorder	Diagnosis	ICD-9-CM
312.35	Isolated explosive disorder	Diagnosis	ICD-9-CM
312.39	Other disorder of impulse control	Diagnosis	ICD-9-CM
312.4	Mixed disturbance of conduct and emotions	Diagnosis	ICD-9-CM
312.8	Other specified disturbances of conduct, not elsewhere classified	Diagnosis	ICD-9-CM
312.81	Conduct disorder, childhood onset type	Diagnosis	ICD-9-CM
312.82	Conduct disorder, adolescent onset type	Diagnosis	ICD-9-CM
312.89	Other specified disturbance of conduct, not elsewhere classified	Diagnosis	ICD-9-CM
312.9	Unspecified disturbance of conduct	Diagnosis	ICD-9-CM
313	Disturbance of emotions specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.0	Overanxious disorder specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.1	Misery and unhappiness disorder specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.2	Sensitivity, shyness, and social withdrawal disorder specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.21	Shyness disorder of childhood	Diagnosis	ICD-9-CM
313.22	Introverted disorder of childhood	Diagnosis	ICD-9-CM
313.23	Selective mutism	Diagnosis	ICD-9-CM
313.3	Relationship problems specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.8	Other or mixed emotional disturbances of childhood or adolescence	Diagnosis	ICD-9-CM
313.81	Oppositional defiant disorder	Diagnosis	ICD-9-CM
313.82	Identity disorder of childhood or adolescence	Diagnosis	ICD-9-CM
313.83	Academic underachievement disorder of childhood or adolescence	Diagnosis	ICD-9-CM
313.89	Other emotional disturbance of childhood or adolescence	Diagnosis	ICD-9-CM
313.9	Unspecified emotional disturbance of childhood or adolescence	Diagnosis	ICD-9-CM
314	Hyperkinetic syndrome of childhood	Diagnosis	ICD-9-CM
314.0	Attention deficit disorder of childhood	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
314.00	Attention deficit disorder of childhood without mention of hyperactivity	Diagnosis	ICD-9-CM
314.01	Attention deficit disorder of childhood with hyperactivity	Diagnosis	ICD-9-CM
314.1	Hyperkinesis of childhood with developmental delay	Diagnosis	ICD-9-CM
314.2	Hyperkinetic conduct disorder of childhood	Diagnosis	ICD-9-CM
314.8	Other specified manifestations of hyperkinetic syndrome of childhood	Diagnosis	ICD-9-CM
314.9	Unspecified hyperkinetic syndrome of childhood	Diagnosis	ICD-9-CM
315	Specific delays in development	Diagnosis	ICD-9-CM
315.0	Specific developmental reading disorder	Diagnosis	ICD-9-CM
315.00	Developmental reading disorder, unspecified	Diagnosis	ICD-9-CM
315.01	Alexia	Diagnosis	ICD-9-CM
315.02	Developmental dyslexia	Diagnosis	ICD-9-CM
315.09	Other specific developmental reading disorder	Diagnosis	ICD-9-CM
315.1	Mathematics disorder	Diagnosis	ICD-9-CM
315.2	Other specific developmental learning difficulties	Diagnosis	ICD-9-CM
315.3	Developmental speech or language disorder	Diagnosis	ICD-9-CM
315.31	Expressive language disorder	Diagnosis	ICD-9-CM
315.32	Mixed receptive-expressive language disorder	Diagnosis	ICD-9-CM
315.34	Speech and language developmental delay due to hearing loss	Diagnosis	ICD-9-CM
315.35	Childhood onset fluency disorder	Diagnosis	ICD-9-CM
315.39	Other developmental speech or language disorder	Diagnosis	ICD-9-CM
315.4	Developmental coordination disorder	Diagnosis	ICD-9-CM
315.5	Mixed development disorder	Diagnosis	ICD-9-CM
315.8	Other specified delay in development	Diagnosis	ICD-9-CM
315.9	Unspecified delay in development	Diagnosis	ICD-9-CM
316	Psychic factors associated with diseases classified elsewhere	Diagnosis	ICD-9-CM
317	Mild intellectual disabilities	Diagnosis	ICD-9-CM
318.0	Moderate intellectual disabilities	Diagnosis	ICD-9-CM
318.1	Severe intellectual disabilities	Diagnosis	ICD-9-CM
318.2	Profound intellectual disabilities	Diagnosis	ICD-9-CM
319	Unspecified intellectual disabilities	Diagnosis	ICD-9-CM
327	Organic sleep disorders	Diagnosis	ICD-9-CM
327.0	Organic disorders of initiating and maintaining sleep [Organic insomnia]	Diagnosis	ICD-9-CM
327.00	Organic insomnia, unspecified	Diagnosis	ICD-9-CM
327.01	Insomnia due to medical condition classified elsewhere	Diagnosis	ICD-9-CM
327.02	Insomnia due to mental disorder	Diagnosis	ICD-9-CM
327.09	Other organic insomnia	Diagnosis	ICD-9-CM
327.1	Organic disorders of excessive somnolence [Organic hypersomnia]	Diagnosis	ICD-9-CM
327.10	Organic hypersomnia, unspecified	Diagnosis	ICD-9-CM
327.11	Idiopathic hypersomnia with long sleep time	Diagnosis	ICD-9-CM
327.12	Idiopathic hypersomnia without long sleep time	Diagnosis	ICD-9-CM
327.13	Recurrent hypersomnia	Diagnosis	ICD-9-CM
327.14	Hypersomnia due to medical condition classified elsewhere	Diagnosis	ICD-9-CM
327.15	Hypersomnia due to mental disorder	Diagnosis	ICD-9-CM
327.19	Other organic hypersomnia	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
327.2	Organic sleep apnea	Diagnosis	ICD-9-CM
327.20	Organic sleep apnea, unspecified	Diagnosis	ICD-9-CM
327.21	Primary central sleep apnea	Diagnosis	ICD-9-CM
327.23	Obstructive sleep apnea (adult) (pediatric)	Diagnosis	ICD-9-CM
327.24	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-9-CM
327.25	Congenital central alveolar hypoventilation syndrome	Diagnosis	ICD-9-CM
327.26	Sleep related hypoventilation/hypoxemia in conditions classifiable elsewhere	Diagnosis	ICD-9-CM
327.27	Central sleep apnea in conditions classified elsewhere	Diagnosis	ICD-9-CM
327.29	Other organic sleep apnea	Diagnosis	ICD-9-CM
327.3	Circadian rhythm sleep disorder	Diagnosis	ICD-9-CM
327.30	Circadian rhythm sleep disorder, unspecified	Diagnosis	ICD-9-CM
327.31	Circadian rhythm sleep disorder, delayed sleep phase type	Diagnosis	ICD-9-CM
327.32	Circadian rhythm sleep disorder, advanced sleep phase type	Diagnosis	ICD-9-CM
327.33	Circadian rhythm sleep disorder, irregular sleep-wake type	Diagnosis	ICD-9-CM
327.34	Circadian rhythm sleep disorder, free-running type	Diagnosis	ICD-9-CM
327.35	Circadian rhythm sleep disorder, jet lag type	Diagnosis	ICD-9-CM
327.36	Circadian rhythm sleep disorder, shift work type	Diagnosis	ICD-9-CM
327.37	Circadian rhythm sleep disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
327.39	Other circadian rhythm sleep disorder	Diagnosis	ICD-9-CM
327.4	Organic parasomnia	Diagnosis	ICD-9-CM
327.40	Organic parasomnia, unspecified	Diagnosis	ICD-9-CM
327.41	Confusional arousals	Diagnosis	ICD-9-CM
327.42	REM sleep behavior disorder	Diagnosis	ICD-9-CM
327.43	Recurrent isolated sleep paralysis	Diagnosis	ICD-9-CM
327.44	Parasomnia in conditions classified elsewhere	Diagnosis	ICD-9-CM
327.49	Other organic parasomnia	Diagnosis	ICD-9-CM
327.5	Organic sleep related movement disorders	Diagnosis	ICD-9-CM
327.51	Periodic limb movement disorder	Diagnosis	ICD-9-CM
327.52	Sleep related leg cramps	Diagnosis	ICD-9-CM
327.53	Sleep related bruxism	Diagnosis	ICD-9-CM
327.59	Other organic sleep related movement disorders	Diagnosis	ICD-9-CM
327.8	Other organic sleep disorders	Diagnosis	ICD-9-CM
330	Cerebral degenerations usually manifest in childhood	Diagnosis	ICD-9-CM
330.0	Leukodystrophy	Diagnosis	ICD-9-CM
330.1	Cerebral lipidoses	Diagnosis	ICD-9-CM
330.2	Cerebral degeneration in generalized lipidoses	Diagnosis	ICD-9-CM
330.3	Cerebral degeneration of childhood in other diseases classified elsewhere	Diagnosis	ICD-9-CM
330.8	Other specified cerebral degenerations in childhood	Diagnosis	ICD-9-CM
330.9	Unspecified cerebral degeneration in childhood	Diagnosis	ICD-9-CM
331	Other cerebral degenerations	Diagnosis	ICD-9-CM
331.0	Alzheimer's disease	Diagnosis	ICD-9-CM
331.1	Frontotemporal dementia	Diagnosis	ICD-9-CM
331.11	Pick's disease	Diagnosis	ICD-9-CM
331.19	Other frontotemporal dementia	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
331.2	Senile degeneration of brain	Diagnosis	ICD-9-CM
331.3	Communicating hydrocephalus	Diagnosis	ICD-9-CM
331.4	Obstructive hydrocephalus	Diagnosis	ICD-9-CM
331.5	Idiopathic normal pressure hydrocephalus [INPH]	Diagnosis	ICD-9-CM
331.6	Corticobasal degeneration	Diagnosis	ICD-9-CM
331.7	Cerebral degeneration in diseases classified elsewhere	Diagnosis	ICD-9-CM
331.8	Other cerebral degeneration	Diagnosis	ICD-9-CM
331.81	Reye's syndrome	Diagnosis	ICD-9-CM
331.82	Dementia with Lewy bodies	Diagnosis	ICD-9-CM
331.83	Mild cognitive impairment, so stated	Diagnosis	ICD-9-CM
331.89	Other cerebral degeneration	Diagnosis	ICD-9-CM
331.9	Unspecified cerebral degeneration	Diagnosis	ICD-9-CM
333.99	Other extrapyramidal disease and abnormal movement disorder	Diagnosis	ICD-9-CM
347	Cataplexy and narcolepsy	Diagnosis	ICD-9-CM
347.0	Narcolepsy	Diagnosis	ICD-9-CM
347.00	Narcolepsy, without cataplexy	Diagnosis	ICD-9-CM
347.01	Narcolepsy, with cataplexy	Diagnosis	ICD-9-CM
347.1	Narcolepsy in conditions classified elsewhere	Diagnosis	ICD-9-CM
347.10	Narcolepsy in conditions classified elsewhere, without cataplexy	Diagnosis	ICD-9-CM
347.11	Narcolepsy in conditions classified elsewhere, with cataplexy	Diagnosis	ICD-9-CM
348.3	Encephalopathy, not elsewhere classified	Diagnosis	ICD-9-CM
348.30	Encephalopathy, unspecified	Diagnosis	ICD-9-CM
348.31	Metabolic encephalopathy	Diagnosis	ICD-9-CM
348.39	Other encephalopathy	Diagnosis	ICD-9-CM
357.5	Alcoholic polyneuropathy	Diagnosis	ICD-9-CM
425.5	Alcoholic cardiomyopathy	Diagnosis	ICD-9-CM
4320F	Patient counseled regarding psychosocial and pharmacologic treatment options for alcohol dependence (SUD)	Procedure	CPT-2
535.3	Alcoholic gastritis	Diagnosis	ICD-9-CM
535.30	Alcoholic gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.31	Alcoholic gastritis with hemorrhage	Diagnosis	ICD-9-CM
571.0	Alcoholic fatty liver	Diagnosis	ICD-9-CM
571.1	Acute alcoholic hepatitis	Diagnosis	ICD-9-CM
571.2	Alcoholic cirrhosis of liver	Diagnosis	ICD-9-CM
571.3	Unspecified alcoholic liver damage	Diagnosis	ICD-9-CM
61885	Insertion or replacement of cranial neurostimulator pulse generator or receiver, direct or inductive coupling; with connection to a single electrode	Procedure	CPT-4
61886	Insertion or replacement of cranial neurostimulator pulse generator or receiver, direct or inductive coupling; with connection to 2 or more electrode	Procedure	CPT-4
61888	Revision or removal of cranial neurostimulator pulse generator or receiver	Procedure	CPT-4
625.4	Premenstrual tension syndromes	Diagnosis	ICD-9-CM
64553	Percutaneous implantation of neurostimulator electrode array; cranial nerve	Procedure	CPT-4
64568	Open implantation of cranial nerve (eg, vagus nerve) neurostimulator electrode array and pulse generator	Procedure	CPT-4

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

Code	Description	Code Category	Code Type
64569	Revision or replacement of cranial nerve (eg, vagus nerve) neurostimulator electrode array, including connection to existing pulse generator	Procedure	CPT-4
64570	Removal of cranial nerve (eg, vagus nerve) neurostimulator electrode array and pulse generator	Procedure	CPT-4
64585	Revision or removal of peripheral neurostimulator electrode array	Procedure	CPT-4
648.30	Maternal drug dependence complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	Diagnosis	ICD-9-CM
648.31	Maternal drug dependence, with delivery	Diagnosis	ICD-9-CM
648.32	Maternal drug dependence, with delivery, with current postpartum complication	Diagnosis	ICD-9-CM
648.33	Maternal drug dependence, antepartum	Diagnosis	ICD-9-CM
648.34	Maternal drug dependence complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	Diagnosis	ICD-9-CM
648.40	Maternal mental disorders, complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	Diagnosis	ICD-9-CM
648.41	Maternal mental disorders, with delivery	Diagnosis	ICD-9-CM
648.42	Maternal mental disorders, with delivery, with current postpartum complication	Diagnosis	ICD-9-CM
648.43	Maternal mental disorders, antepartum	Diagnosis	ICD-9-CM
648.44	Maternal mental disorders complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	Diagnosis	ICD-9-CM
655.50	Suspected damage to fetus from drugs, affecting management of mother, unspecified as to episode of care	Diagnosis	ICD-9-CM
655.51	Suspected damage to fetus from drugs, affecting management of mother, delivered	Diagnosis	ICD-9-CM
655.53	Suspected damage to fetus from drugs, affecting management of mother, antepartum	Diagnosis	ICD-9-CM
760.71	Noxious influences affecting fetus or newborn via placenta or breast milk, alcohol	Diagnosis	ICD-9-CM
760.72	Noxious influences affecting fetus or newborn via placenta or breast milk, narcotics	Diagnosis	ICD-9-CM
760.73	Noxious influences affecting fetus or newborn via placenta or breast milk, hallucinogenic agents	Diagnosis	ICD-9-CM
760.75	Noxious influences affecting fetus or newborn via placenta or breast milk, cocaine	Diagnosis	ICD-9-CM
779.5	Drug withdrawal syndrome in newborn	Diagnosis	ICD-9-CM
780.1	Hallucinations	Diagnosis	ICD-9-CM
780.5	Sleep disturbances	Diagnosis	ICD-9-CM
780.50	Unspecified sleep disturbance	Diagnosis	ICD-9-CM
780.51	Insomnia with sleep apnea, unspecified	Diagnosis	ICD-9-CM
780.52	Insomnia, unspecified	Diagnosis	ICD-9-CM
780.53	Hypersomnia with sleep apnea, unspecified	Diagnosis	ICD-9-CM
780.54	Hypersomnia, unspecified	Diagnosis	ICD-9-CM
780.55	Disruption of 24 hour sleep wake cycle, unspecified	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
780.56	Dysfunctions associated with sleep stages or arousal from sleep	Diagnosis	ICD-9-CM
780.57	Unspecified sleep apnea	Diagnosis	ICD-9-CM
780.58	Sleep related movement disorder, unspecified	Diagnosis	ICD-9-CM
780.59	Other sleep disturbances	Diagnosis	ICD-9-CM
881	Open wound of elbow, forearm, and wrist	Diagnosis	ICD-9-CM
8E0ZXY5	Meditation	Procedure	ICD-10-PCS
90810	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 20 to 30 minutes face-to-face with the patient;	Procedure	CPT-4
90811	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 20 to 30 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90812	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 45 to 50 minutes face-to-face with the patient;	Procedure	CPT-4
90813	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 45 to 50 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90814	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 75 to 80 minutes face-to-face with the patient;	Procedure	CPT-4
90815	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 75 to 80 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90823	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 20 to 30 minutes face-to-face with the patient;	Procedure	CPT-4
90824	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 20 to 30 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90826	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 45 to 50 minutes face-to-face with the patient;	Procedure	CPT-4

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Code	Description	Code Category	Code Type
90827	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 45 to 50 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90828	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 75 to 80 minutes face-to-face with the patient;	Procedure	CPT-4
90829	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 75 to 80 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90832	Psychotherapy, 30 minutes with patient	Procedure	CPT-4
90833	Psychotherapy, 30 minutes with patient when performed with an evaluation and management service (List separately in addition to the code for primary procedure)	Procedure	CPT-4
90834	Psychotherapy, 45 minutes with patient	Procedure	CPT-4
90836	Psychotherapy, 45 minutes with patient when performed with an evaluation and management service (List separately in addition to the code for primary procedure)	Procedure	CPT-4
90837	Psychotherapy, 60 minutes with patient	Procedure	CPT-4
90838	Psychotherapy, 60 minutes with patient when performed with an evaluation and management service (List separately in addition to the code for primary procedure)	Procedure	CPT-4
90839	Psychotherapy for crisis; first 60 minutes	Procedure	CPT-4
90840	Psychotherapy for crisis; each additional 30 minutes (List separately in addition to code for primary service)	Procedure	CPT-4
90845	Psychoanalysis	Procedure	CPT-4
90853	Group psychotherapy (other than of a multiple-family group)	Procedure	CPT-4
90857	Interactive group psychotherapy	Procedure	CPT-4
90867	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; initial, including cortical mapping, motor threshold determination, delivery and management	Procedure	CPT-4
90868	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; subsequent delivery and management, per session	Procedure	CPT-4
90869	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; subsequent motor threshold re-determination with delivery and management	Procedure	CPT-4
90870	Electroconvulsive therapy (includes necessary monitoring)	Procedure	CPT-4
90871	Electroconvulsive therapy (includes necessary monitoring); multiple seizures, per day	Procedure	CPT-4
94.31	Psychoanalysis	Procedure	ICD-9-CM
94.32	Hypnotherapy	Procedure	ICD-9-CM



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

Code	Description	Code Category	Code Type
94.33	Behavior therapy	Procedure	ICD-9-CM
94.35	Crisis intervention	Procedure	ICD-9-CM
94.36	Play psychotherapy	Procedure	ICD-9-CM
94.37	Exploratory verbal psychotherapy	Procedure	ICD-9-CM
94.38	Supportive verbal psychotherapy	Procedure	ICD-9-CM
94.39	Other individual psychotherapy	Procedure	ICD-9-CM
94.43	Psychodrama	Procedure	ICD-9-CM
94.44	Other group therapy	Procedure	ICD-9-CM
94.46	Alcoholism counseling	Procedure	ICD-9-CM
94.53	Referral for alcoholism rehabilitation	Procedure	ICD-9-CM
94.6	Alcohol and drug rehabilitation and detoxification	Procedure	ICD-9-CM
94.61	Alcohol rehabilitation	Procedure	ICD-9-CM
94.62	Alcohol detoxification	Procedure	ICD-9-CM
94.63	Alcohol rehabilitation and detoxification	Procedure	ICD-9-CM
94.67	Combined alcohol and drug rehabilitation	Procedure	ICD-9-CM
94.68	Combined alcohol and drug detoxification	Procedure	ICD-9-CM
94.69	Combined alcohol and drug rehabilitation and detoxification	Procedure	ICD-9-CM
95970	Electronic analysis of implanted neurostimulator pulse generator/transmitter (eg, contact group[s], interleaving, amplitude, pulse width, frequency [Hz], on/off cycling, burst, magnet mode, dose lockout, patient selectable parameters, responsive neurostimulation, detection algorithms, closed loop parameters, and passive parameters) by physician or other qualified health care professional; with brain, cranial nerve, spinal cord, peripheral nerve, or sacral nerve, neurostimulator pulse generator/transmitter, without	Procedure	CPT-4
95971	Electronic analysis of implanted neurostimulator pulse generator/transmitter (eg, contact group[s], interleaving, amplitude, pulse width, frequency [Hz], on/off cycling, burst, magnet mode, dose lockout, patient selectable parameters, responsive neurostimulation, detection algorithms, closed loop parameters, and passive parameters) by physician or other qualified health care professional; with simple spinal cord or peripheral nerve (eg, sacral nerve) neurostimulator pulse generator/transmitter programming by physician or other qualified health care professional	Procedure	CPT-4
95974	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude, pulse duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements); complex cranial nerve neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming, with or without nerve interface testing, first hour	Procedure	CPT-4

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

Code	Description	Code Category	Code Type
95975	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude, pulse duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements); complex cranial nerve neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming, each additional 30 minutes after first hour (List separately in addition to code for primary procedure)	Procedure	CPT-4
960	Poisoning by antibiotics	Diagnosis	ICD-9-CM
960.0	Poisoning by penicillins	Diagnosis	ICD-9-CM
960.1	Poisoning by antifungal antibiotics	Diagnosis	ICD-9-CM
960.2	Poisoning by chloramphenicol group	Diagnosis	ICD-9-CM
960.3	Poisoning by erythromycin and other macrolides	Diagnosis	ICD-9-CM
960.4	Poisoning by tetracycline group	Diagnosis	ICD-9-CM
960.5	Poisoning of cephalosporin group	Diagnosis	ICD-9-CM
960.6	Poisoning of antimycobacterial antibiotics	Diagnosis	ICD-9-CM
960.7	Poisoning by antineoplastic antibiotics	Diagnosis	ICD-9-CM
960.8	Poisoning by other specified antibiotics	Diagnosis	ICD-9-CM
960.9	Poisoning by unspecified antibiotic	Diagnosis	ICD-9-CM
961	Poisoning by other anti-infectives	Diagnosis	ICD-9-CM
961.0	Poisoning by sulfonamides	Diagnosis	ICD-9-CM
961.1	Poisoning by arsenical anti-infectives	Diagnosis	ICD-9-CM
961.2	Poisoning by heavy metal anti-infectives	Diagnosis	ICD-9-CM
961.3	Poisoning by quinoline and hydroxyquinoline derivatives	Diagnosis	ICD-9-CM
961.4	Poisoning by antimalarials and drugs acting on other blood protozoa	Diagnosis	ICD-9-CM
961.5	Poisoning by other antiprotozoal drugs	Diagnosis	ICD-9-CM
961.6	Poisoning by anthelmintics	Diagnosis	ICD-9-CM
961.7	Poisoning by antiviral drugs	Diagnosis	ICD-9-CM
961.8	Poisoning by other antimycobacterial drugs	Diagnosis	ICD-9-CM
961.9	Poisoning by other and unspecified anti-infectives	Diagnosis	ICD-9-CM
962	Poisoning by hormones and synthetic substitutes	Diagnosis	ICD-9-CM
962.0	Poisoning by adrenal cortical steroids	Diagnosis	ICD-9-CM
962.1	Poisoning by androgens and anabolic congeners	Diagnosis	ICD-9-CM
962.2	Poisoning by ovarian hormones and synthetic substitutes	Diagnosis	ICD-9-CM
962.3	Poisoning by insulins and antidiabetic agents	Diagnosis	ICD-9-CM
962.4	Poisoning by anterior pituitary hormones	Diagnosis	ICD-9-CM
962.5	Poisoning by posterior pituitary hormones	Diagnosis	ICD-9-CM
962.6	Poisoning by parathyroid and parathyroid derivatives	Diagnosis	ICD-9-CM
962.7	Poisoning by thyroid and thyroid derivatives	Diagnosis	ICD-9-CM
962.8	Poisoning by antithyroid agents	Diagnosis	ICD-9-CM
962.9	Poisoning by other and unspecified hormones and synthetic substitutes	Diagnosis	ICD-9-CM
963	Poisoning by primarily systemic agents	Diagnosis	ICD-9-CM
963.0	Poisoning by antiallergic and antiemetic drugs	Diagnosis	ICD-9-CM
963.1	Poisoning by antineoplastic and immunosuppressive drugs	Diagnosis	ICD-9-CM
963.2	Poisoning by acidifying agents	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
963.3	Poisoning by alkalizing agents	Diagnosis	ICD-9-CM
963.4	Poisoning by enzymes, not elsewhere classified	Diagnosis	ICD-9-CM
963.5	Poisoning by vitamins, not elsewhere classified	Diagnosis	ICD-9-CM
963.8	Poisoning by other specified systemic agents	Diagnosis	ICD-9-CM
963.9	Poisoning by unspecified systemic agent	Diagnosis	ICD-9-CM
964	Poisoning by agents primarily affecting blood constituents	Diagnosis	ICD-9-CM
964.0	Poisoning by iron and its compounds	Diagnosis	ICD-9-CM
964.1	Poisoning by liver preparations and other antianemic agents	Diagnosis	ICD-9-CM
964.2	Poisoning by anticoagulants	Diagnosis	ICD-9-CM
964.3	Poisoning by vitamin K (phytonadione)	Diagnosis	ICD-9-CM
964.4	Poisoning by fibrinolysis-affecting drugs	Diagnosis	ICD-9-CM
964.5	Poisoning by anticoagulant antagonists and other coagulants	Diagnosis	ICD-9-CM
964.6	Poisoning by gamma globulin	Diagnosis	ICD-9-CM
964.7	Poisoning by natural blood and blood products	Diagnosis	ICD-9-CM
964.8	Poisoning by other specified agents affecting blood constituents	Diagnosis	ICD-9-CM
964.9	Poisoning by unspecified agent affecting blood constituents	Diagnosis	ICD-9-CM
965	Poisoning by analgesics, antipyretics, and antirheumatics	Diagnosis	ICD-9-CM
965.0	Poisoning by opiates and related narcotics	Diagnosis	ICD-9-CM
965.00	Poisoning by opium (alkaloids), unspecified	Diagnosis	ICD-9-CM
965.01	Poisoning by heroin	Diagnosis	ICD-9-CM
965.02	Poisoning by methadone	Diagnosis	ICD-9-CM
965.09	Poisoning by opiates and related narcotics, other	Diagnosis	ICD-9-CM
965.1	Poisoning by salicylates	Diagnosis	ICD-9-CM
965.4	Poisoning by aromatic analgesics, not elsewhere classified	Diagnosis	ICD-9-CM
965.5	Poisoning by pyrazole derivatives	Diagnosis	ICD-9-CM
965.6	Poisoning by antirheumatics (antiphlogistics)	Diagnosis	ICD-9-CM
965.61	Poisoning by propionic acid derivatives	Diagnosis	ICD-9-CM
965.69	Poisoning by other antirheumatics	Diagnosis	ICD-9-CM
965.7	Poisoning by other non-narcotic analgesics	Diagnosis	ICD-9-CM
965.8	Poisoning by other specified analgesics and antipyretics	Diagnosis	ICD-9-CM
965.9	Poisoning by unspecified analgesic and antipyretic	Diagnosis	ICD-9-CM
966	Poisoning by anticonvulsants and anti-Parkinsonism drugs	Diagnosis	ICD-9-CM
966.0	Poisoning by oxazolidine derivatives	Diagnosis	ICD-9-CM
966.1	Poisoning by hydantoin derivatives	Diagnosis	ICD-9-CM
966.2	Poisoning by succinimides	Diagnosis	ICD-9-CM
966.3	Poisoning by other and unspecified anticonvulsants	Diagnosis	ICD-9-CM
966.4	Poisoning by anti-Parkinsonism drugs	Diagnosis	ICD-9-CM
967	Poisoning by sedatives and hypnotics	Diagnosis	ICD-9-CM
967.0	Poisoning by barbiturates	Diagnosis	ICD-9-CM
967.1	Poisoning by chloral hydrate group	Diagnosis	ICD-9-CM
967.2	Poisoning by paraldehyde	Diagnosis	ICD-9-CM
967.3	Poisoning by bromine compounds	Diagnosis	ICD-9-CM
967.4	Poisoning by methaqualone compounds	Diagnosis	ICD-9-CM
967.5	Poisoning by glutethimide group	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
967.6	Poisoning by mixed sedatives, not elsewhere classified	Diagnosis	ICD-9-CM
967.8	Poisoning by other sedatives and hypnotics	Diagnosis	ICD-9-CM
967.9	Poisoning by unspecified sedative or hypnotic	Diagnosis	ICD-9-CM
968	Poisoning by other central nervous system depressants and anesthetics	Diagnosis	ICD-9-CM
968.0	Poisoning by central nervous system muscle-tone depressants	Diagnosis	ICD-9-CM
968.1	Poisoning by halothane	Diagnosis	ICD-9-CM
968.2	Poisoning by other gaseous anesthetics	Diagnosis	ICD-9-CM
968.3	Poisoning by intravenous anesthetics	Diagnosis	ICD-9-CM
968.4	Poisoning by other and unspecified general anesthetics	Diagnosis	ICD-9-CM
968.5	Poisoning by other central nervous system depressants and anesthetics, Surface (topical) and infiltration anesthetics	Diagnosis	ICD-9-CM
968.6	Poisoning by peripheral nerve- and plexus-blocking anesthetics	Diagnosis	ICD-9-CM
968.7	Poisoning by spinal anesthetics	Diagnosis	ICD-9-CM
968.9	Poisoning by other and unspecified local anesthetics	Diagnosis	ICD-9-CM
969	Poisoning by psychotropic agents	Diagnosis	ICD-9-CM
969.0	Poisoning by antidepressants	Diagnosis	ICD-9-CM
969.00	Poisoning by antidepressant, unspecified	Diagnosis	ICD-9-CM
969.01	Poisoning by monoamine oxidase inhibitors	Diagnosis	ICD-9-CM
969.02	Poisoning by selective serotonin and norepinephrine reuptake inhibitors	Diagnosis	ICD-9-CM
969.03	Poisoning by selective serotonin reuptake inhibitors	Diagnosis	ICD-9-CM
969.04	Poisoning by tetracyclic antidepressants	Diagnosis	ICD-9-CM
969.05	Poisoning by tricyclic antidepressants	Diagnosis	ICD-9-CM
969.09	Poisoning by other antidepressants	Diagnosis	ICD-9-CM
969.1	Poisoning by phenothiazine-based tranquilizers	Diagnosis	ICD-9-CM
969.2	Poisoning by butyrophenone-based tranquilizers	Diagnosis	ICD-9-CM
969.3	Poisoning by other antipsychotics, neuroleptics, and major tranquilizers	Diagnosis	ICD-9-CM
969.4	Poisoning by benzodiazepine-based tranquilizers	Diagnosis	ICD-9-CM
969.5	Poisoning by other tranquilizers	Diagnosis	ICD-9-CM
969.6	Poisoning by psychodysleptics (hallucinogens)	Diagnosis	ICD-9-CM
969.7	Poisoning by psychostimulants	Diagnosis	ICD-9-CM
969.70	Poisoning by psychostimulant, unspecified	Diagnosis	ICD-9-CM
969.71	Poisoning by caffeine	Diagnosis	ICD-9-CM
969.72	Poisoning by amphetamines	Diagnosis	ICD-9-CM
969.73	Poisoning by methylphenidate	Diagnosis	ICD-9-CM
969.79	Poisoning by other psychostimulants	Diagnosis	ICD-9-CM
969.8	Poisoning by other specified psychotropic agents	Diagnosis	ICD-9-CM
969.9	Poisoning by unspecified psychotropic agent	Diagnosis	ICD-9-CM
970	Poisoning by central nervous system stimulants	Diagnosis	ICD-9-CM
970.0	Poisoning by analeptics	Diagnosis	ICD-9-CM
970.1	Poisoning by opiate antagonists	Diagnosis	ICD-9-CM
970.8	Poisoning by other specified central nervous system stimulants	Diagnosis	ICD-9-CM
970.9	Poisoning by unspecified central nervous system stimulant	Diagnosis	ICD-9-CM
971	Poisoning by drugs primarily affecting the autonomic nervous system	Diagnosis	ICD-9-CM
971.0	Poisoning by parasympathomimetics (cholinergics)	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
971.1	Poisoning by parasympatholytics (anticholinergics and antimuscarinics) and spasmolytics	Diagnosis	ICD-9-CM
971.2	Poisoning by sympathomimetics (adrenergics)	Diagnosis	ICD-9-CM
971.3	Poisoning by sympatholytics (antiadrenergics)	Diagnosis	ICD-9-CM
971.9	Poisoning by unspecified drug primarily affecting autonomic nervous system	Diagnosis	ICD-9-CM
972	Poisoning by agents primarily affecting the cardiovascular system	Diagnosis	ICD-9-CM
972.0	Poisoning by cardiac rhythm regulators	Diagnosis	ICD-9-CM
972.1	Poisoning by cardiotonic glycosides and drugs of similar action	Diagnosis	ICD-9-CM
972.2	Poisoning by antilipemic and antiarteriosclerotic drugs	Diagnosis	ICD-9-CM
972.3	Poisoning by ganglion-blocking agents	Diagnosis	ICD-9-CM
972.4	Poisoning by coronary vasodilators	Diagnosis	ICD-9-CM
972.5	Poisoning by other vasodilators	Diagnosis	ICD-9-CM
972.6	Poisoning by other antihypertensive agents	Diagnosis	ICD-9-CM
972.7	Poisoning by antivaricose drugs, including sclerosing agents	Diagnosis	ICD-9-CM
972.8	Poisoning by capillary-active drugs	Diagnosis	ICD-9-CM
972.9	Poisoning by other and unspecified agents primarily affecting the cardiovascular system	Diagnosis	ICD-9-CM
973	Poisoning by agents primarily affecting the gastrointestinal system	Diagnosis	ICD-9-CM
973.0	Poisoning by antacids and antigastric secretion drugs	Diagnosis	ICD-9-CM
973.1	Poisoning by irritant cathartics	Diagnosis	ICD-9-CM
973.2	Poisoning by emollient cathartics	Diagnosis	ICD-9-CM
973.3	Poisoning by other cathartics, including intestinal atonia drugs	Diagnosis	ICD-9-CM
973.4	Poisoning by digestants	Diagnosis	ICD-9-CM
973.5	Poisoning by antidiarrheal drugs	Diagnosis	ICD-9-CM
973.6	Poisoning by emetics	Diagnosis	ICD-9-CM
973.8	Poisoning by other specified agents primarily affecting the gastrointestinal system	Diagnosis	ICD-9-CM
973.9	Poisoning by unspecified agent primarily affecting the gastrointestinal system	Diagnosis	ICD-9-CM
974	Poisoning by water, mineral, and uric acid metabolism drugs	Diagnosis	ICD-9-CM
974.0	Poisoning by mercurial diuretics	Diagnosis	ICD-9-CM
974.1	Poisoning by purine derivative diuretics	Diagnosis	ICD-9-CM
974.2	Poisoning by carbonic acid anhydrase inhibitors	Diagnosis	ICD-9-CM
974.3	Poisoning by saluretics	Diagnosis	ICD-9-CM
974.4	Poisoning by other diuretics	Diagnosis	ICD-9-CM
974.5	Poisoning by electrolytic, caloric, and water-balance agents	Diagnosis	ICD-9-CM
974.6	Poisoning by other mineral salts, not elsewhere classified	Diagnosis	ICD-9-CM
974.7	Poisoning by uric acid metabolism drugs	Diagnosis	ICD-9-CM
975	Poisoning by agents primarily acting on the smooth and skeletal muscles and respiratory system	Diagnosis	ICD-9-CM
975.0	Poisoning by oxytocic agents	Diagnosis	ICD-9-CM
975.1	Poisoning by smooth muscle relaxants	Diagnosis	ICD-9-CM
975.2	Poisoning by skeletal muscle relaxants	Diagnosis	ICD-9-CM
975.3	Poisoning by other and unspecified drugs acting on muscles	Diagnosis	ICD-9-CM
975.4	Poisoning by antitussives	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
975.5	Poisoning by expectorants	Diagnosis	ICD-9-CM
975.6	Poisoning by anti-common cold drugs	Diagnosis	ICD-9-CM
975.7	Poisoning by antiasthmatics	Diagnosis	ICD-9-CM
975.8	Poisoning by other and unspecified respiratory drugs	Diagnosis	ICD-9-CM
976	Poisoning by agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological, and dental drugs	Diagnosis	ICD-9-CM
976.0	Poisoning by local anti-infectives and anti-inflammatory drugs	Diagnosis	ICD-9-CM
976.1	Poisoning by antipruritics	Diagnosis	ICD-9-CM
976.2	Poisoning by local astringents and local detergents	Diagnosis	ICD-9-CM
976.3	Poisoning by emollients, demulcents, and protectants	Diagnosis	ICD-9-CM
976.4	Poisoning by keratolytics, keratoplastics, other hair treatment drugs and preparations	Diagnosis	ICD-9-CM
976.5	Poisoning by eye anti-infectives and other eye drugs	Diagnosis	ICD-9-CM
976.6	Poisoning by anti-infectives and other drugs and preparations for ear, nose, and throat	Diagnosis	ICD-9-CM
976.7	Poisoning by dental drugs topically applied	Diagnosis	ICD-9-CM
976.8	Poisoning by other agents primarily affecting skin and mucous membrane	Diagnosis	ICD-9-CM
976.9	Poisoning by unspecified agent primarily affecting skin and mucous membrane	Diagnosis	ICD-9-CM
977	Poisoning by other and unspecified drugs and medicinal substances	Diagnosis	ICD-9-CM
977.0	Poisoning by dietetics	Diagnosis	ICD-9-CM
977.1	Poisoning by lipotropic drugs	Diagnosis	ICD-9-CM
977.2	Poisoning by antidotes and chelating agents, not elsewhere classified	Diagnosis	ICD-9-CM
977.3	Poisoning by alcohol deterrents	Diagnosis	ICD-9-CM
977.4	Poisoning by pharmaceutical excipients	Diagnosis	ICD-9-CM
977.8	Poisoning by other specified drugs and medicinal substances	Diagnosis	ICD-9-CM
977.9	Poisoning by unspecified drug or medicinal substance	Diagnosis	ICD-9-CM
978	Poisoning by bacterial vaccines	Diagnosis	ICD-9-CM
978.0	Poisoning by BCG vaccine	Diagnosis	ICD-9-CM
978.1	Poisoning by typhoid and paratyphoid vaccine	Diagnosis	ICD-9-CM
978.2	Poisoning by cholera vaccine	Diagnosis	ICD-9-CM
978.3	Poisoning by plague vaccine	Diagnosis	ICD-9-CM
978.4	Poisoning by tetanus vaccine	Diagnosis	ICD-9-CM
978.5	Poisoning by diphtheria vaccine	Diagnosis	ICD-9-CM
978.6	Poisoning by pertussis vaccine, including combinations with pertussis component	Diagnosis	ICD-9-CM
978.8	Poisoning by other and unspecified bacterial vaccines	Diagnosis	ICD-9-CM
978.9	Poisoning by mixed bacterial vaccines, except combinations with pertussis component	Diagnosis	ICD-9-CM
979	Poisoning by other vaccines and biological substances	Diagnosis	ICD-9-CM
979.0	Poisoning by smallpox vaccine	Diagnosis	ICD-9-CM
979.1	Poisoning by rabies vaccine	Diagnosis	ICD-9-CM
979.2	Poisoning by typhus vaccine	Diagnosis	ICD-9-CM
979.3	Poisoning by yellow fever vaccine	Diagnosis	ICD-9-CM
979.4	Poisoning by measles vaccine	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
979.5	Poisoning by poliomyelitis vaccine	Diagnosis	ICD-9-CM
979.6	Poisoning by other and unspecified viral and rickettsial vaccines	Diagnosis	ICD-9-CM
979.7	Poisoning by mixed viral-rickettsial and bacterial vaccines, except combinations with pertussis component	Diagnosis	ICD-9-CM
979.9	Poisoning by other and unspecified vaccines and biological substances	Diagnosis	ICD-9-CM
980	Toxic effect of alcohol	Diagnosis	ICD-9-CM
980.0	Toxic effect of ethyl alcohol	Diagnosis	ICD-9-CM
980.1	Toxic effect of methyl alcohol	Diagnosis	ICD-9-CM
980.2	Toxic effect of isopropyl alcohol	Diagnosis	ICD-9-CM
980.3	Toxic effect of fusel oil	Diagnosis	ICD-9-CM
980.8	Toxic effect of other specified alcohols	Diagnosis	ICD-9-CM
980.9	Toxic effect of unspecified alcohol	Diagnosis	ICD-9-CM
981	Toxic effect of petroleum products	Diagnosis	ICD-9-CM
982	Toxic effect of solvents other than petroleum-based	Diagnosis	ICD-9-CM
982.0	Toxic effect of benzene and homologues	Diagnosis	ICD-9-CM
982.1	Toxic effect of carbon tetrachloride	Diagnosis	ICD-9-CM
982.2	Toxic effect of carbon disulfide	Diagnosis	ICD-9-CM
982.3	Toxic effect of other chlorinated hydrocarbon solvents	Diagnosis	ICD-9-CM
982.4	Toxic effect of nitroglycol	Diagnosis	ICD-9-CM
982.8	Toxic effect of other nonpetroleum-based solvents	Diagnosis	ICD-9-CM
983	Toxic effect of corrosive aromatics, acids, and caustic alkalis	Diagnosis	ICD-9-CM
983.0	Toxic effect of corrosive aromatics	Diagnosis	ICD-9-CM
983.1	Toxic effect of acids	Diagnosis	ICD-9-CM
983.2	Toxic effect of caustic alkalis	Diagnosis	ICD-9-CM
983.9	Toxic effect of caustic, unspecified	Diagnosis	ICD-9-CM
984	Toxic effect of lead and its compounds (including fumes)	Diagnosis	ICD-9-CM
984.0	Toxic effect of inorganic lead compounds	Diagnosis	ICD-9-CM
984.1	Toxic effect of organic lead compounds	Diagnosis	ICD-9-CM
984.8	Toxic effect of other lead compounds	Diagnosis	ICD-9-CM
984.9	Toxic effect of unspecified lead compound	Diagnosis	ICD-9-CM
985	Toxic effect of other metals	Diagnosis	ICD-9-CM
985.0	Toxic effect of mercury and its compounds	Diagnosis	ICD-9-CM
985.1	Toxic effect of arsenic and its compounds	Diagnosis	ICD-9-CM
985.2	Toxic effect of manganese and its compounds	Diagnosis	ICD-9-CM
985.3	Toxic effect of beryllium and its compounds	Diagnosis	ICD-9-CM
985.4	Toxic effect of antimony and its compounds	Diagnosis	ICD-9-CM
985.5	Toxic effect of cadmium and its compounds	Diagnosis	ICD-9-CM
985.6	Toxic effect of chromium	Diagnosis	ICD-9-CM
985.8	Toxic effect of other specified metals	Diagnosis	ICD-9-CM
985.9	Toxic effect of unspecified metal	Diagnosis	ICD-9-CM
986	Toxic effect of carbon monoxide	Diagnosis	ICD-9-CM
987	Toxic effect of other gases, fumes, or vapors	Diagnosis	ICD-9-CM
987.0	Toxic effect of liquefied petroleum gases	Diagnosis	ICD-9-CM
987.1	Toxic effect of other hydrocarbon gas	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
987.2	Toxic effect of nitrogen oxides	Diagnosis	ICD-9-CM
987.3	Toxic effect of sulfur dioxide	Diagnosis	ICD-9-CM
987.4	Toxic effect of freon	Diagnosis	ICD-9-CM
987.5	Toxic effect of lacrimogenic gas	Diagnosis	ICD-9-CM
987.6	Toxic effect of chlorine gas	Diagnosis	ICD-9-CM
987.7	Toxic effect of hydrocyanic acid gas	Diagnosis	ICD-9-CM
987.8	Toxic effect of other specified gases, fumes, or vapors	Diagnosis	ICD-9-CM
987.9	Toxic effect of unspecified gas, fume, or vapor	Diagnosis	ICD-9-CM
988	Toxic effect of noxious substances eaten as food	Diagnosis	ICD-9-CM
988.0	Toxic effect of fish and shellfish	Diagnosis	ICD-9-CM
988.1	Toxic effect of mushrooms	Diagnosis	ICD-9-CM
988.2	Toxic effect of berries and other plants	Diagnosis	ICD-9-CM
988.8	Toxic effect of other specified noxious substances	Diagnosis	ICD-9-CM
988.9	Toxic effect of unspecified noxious substance	Diagnosis	ICD-9-CM
989	Toxic effect of other substances, chiefly nonmedicinal as to source	Diagnosis	ICD-9-CM
989.0	Toxic effect of hydrocyanic acid and cyanides	Diagnosis	ICD-9-CM
989.1	Toxic effect of strychnine and salts	Diagnosis	ICD-9-CM
989.2	Toxic effect of chlorinated hydrocarbons	Diagnosis	ICD-9-CM
989.3	Toxic effect of organophosphate and carbamate	Diagnosis	ICD-9-CM
989.4	Toxic effect of other pesticides, not elsewhere classified	Diagnosis	ICD-9-CM
989.5	Toxic effect of venom	Diagnosis	ICD-9-CM
989.6	Toxic effect of soaps and detergents	Diagnosis	ICD-9-CM
989.7	Toxic effect of aflatoxin and other mycotoxin (food contaminants)	Diagnosis	ICD-9-CM
989.8	Toxic effect of other substances, chiefly nonmedicinal as to source	Diagnosis	ICD-9-CM
989.81	Toxic effect of asbestos	Diagnosis	ICD-9-CM
989.82	Toxic effect of latex	Diagnosis	ICD-9-CM
989.83	Toxic effect of silicone	Diagnosis	ICD-9-CM
989.84	Toxic effect of tobacco	Diagnosis	ICD-9-CM
989.89	Toxic effect of other substances	Diagnosis	ICD-9-CM
989.9	Toxic effect of unspecified substance, chiefly nonmedicinal as to source	Diagnosis	ICD-9-CM
994.7	Asphyxiation and strangulation	Diagnosis	ICD-9-CM
C9035	Injection, aripiprazole lauroxil (Aristada Initio), 1 mg	Procedure	HCPCS
C9037	Injection, risperidone (Perseris), 0.5 mg	Procedure	HCPCS
C9125	Injection, risperidone, per 12.5 mg	Procedure	HCPCS
C9204	Injection, ziprasidone mesylate injection, per 20 mg	Procedure	HCPCS
C9255	Injection, paliperidone palmitate, 1 mg	Procedure	HCPCS
C9470	Injection, aripiprazole lauroxil, 1 mg	Procedure	HCPCS
C9497	Loxapine, inhalation powder, 10 mg	Procedure	HCPCS
E75.00	GM2 gangliosidosis, unspecified	Diagnosis	ICD-10-CM
E75.01	Sandhoff disease	Diagnosis	ICD-10-CM
E75.02	Tay-Sachs disease	Diagnosis	ICD-10-CM
E75.09	Other GM2 gangliosidosis	Diagnosis	ICD-10-CM
E75.10	Unspecified gangliosidosis	Diagnosis	ICD-10-CM
E75.11	Mucopolipidosis IV	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
E75.19	Other gangliosidosis	Diagnosis	ICD-10-CM
E75.23	Krabbe disease	Diagnosis	ICD-10-CM
E75.25	Metachromatic leukodystrophy	Diagnosis	ICD-10-CM
E75.29	Other sphingolipidosis	Diagnosis	ICD-10-CM
E75.4	Neuronal ceroid lipofuscinosis	Diagnosis	ICD-10-CM
E950	Suicide and self-inflicted poisoning by solid or liquid substances	Diagnosis	ICD-9-CM
E950.0	Suicide and self-inflicted poisoning by analgesics, antipyretics, and antirheumatics	Diagnosis	ICD-9-CM
E950.1	Suicide and self-inflicted poisoning by barbiturates	Diagnosis	ICD-9-CM
E950.2	Suicide and self-inflicted poisoning by other sedatives and hypnotics	Diagnosis	ICD-9-CM
E950.3	Suicide and self-inflicted poisoning by tranquilizers and other psychotropic agents	Diagnosis	ICD-9-CM
E950.4	Suicide and self-inflicted poisoning by other specified drugs and medicinal substances	Diagnosis	ICD-9-CM
E950.5	Suicide and self-inflicted poisoning by unspecified drug or medicinal substance	Diagnosis	ICD-9-CM
E950.6	Suicide and self-inflicted poisoning by agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers	Diagnosis	ICD-9-CM
E950.7	Suicide and self-inflicted poisoning by corrosive and caustic substances	Diagnosis	ICD-9-CM
E950.8	Suicide and self-inflicted poisoning by arsenic and its compounds	Diagnosis	ICD-9-CM
E950.9	Suicide and self-inflicted poisoning by other and unspecified solid and liquid substances	Diagnosis	ICD-9-CM
E951	Suicide and self-inflicted poisoning by gases in domestic use	Diagnosis	ICD-9-CM
E951.0	Suicide and self-inflicted poisoning by gas distributed by pipeline	Diagnosis	ICD-9-CM
E951.1	Suicide and self-inflicted poisoning by liquefied petroleum gas distributed in mobile containers	Diagnosis	ICD-9-CM
E951.8	Suicide and self-inflicted poisoning by other utility gas	Diagnosis	ICD-9-CM
E952	Suicide and self-inflicted poisoning by other gases and vapors	Diagnosis	ICD-9-CM
E952.0	Suicide and self-inflicted poisoning by motor vehicle exhaust gas	Diagnosis	ICD-9-CM
E952.1	Suicide and self-inflicted poisoning by other carbon monoxide	Diagnosis	ICD-9-CM
E952.8	Suicide and self-inflicted poisoning by other specified gases and vapors	Diagnosis	ICD-9-CM
E952.9	Suicide and self-inflicted poisoning by unspecified gases and vapors	Diagnosis	ICD-9-CM
E953	Suicide and self-inflicted injury by hanging strangulation and suffocation	Diagnosis	ICD-9-CM
E953.0	Suicide and self-inflicted injury by hanging	Diagnosis	ICD-9-CM
E953.1	Suicide and self-inflicted injury by suffocation by plastic bag	Diagnosis	ICD-9-CM
E953.8	Suicide and self-inflicted injury by other specified means	Diagnosis	ICD-9-CM
E953.9	Suicide and self-inflicted injury by unspecified means	Diagnosis	ICD-9-CM
E954	Suicide and self-inflicted injury by submersion (drowning)	Diagnosis	ICD-9-CM
E954	Suicide and self-inflicted injury by submersion [drowning]	Diagnosis	ICD-9-CM
E955	Suicide and self-inflicted injury by firearms air guns and explosives	Diagnosis	ICD-9-CM
E955.0	Suicide and self-inflicted injury by handgun	Diagnosis	ICD-9-CM
E955.1	Suicide and self-inflicted injury by shotgun	Diagnosis	ICD-9-CM
E955.2	Suicide and self-inflicted injury by hunting rifle	Diagnosis	ICD-9-CM
E955.3	Suicide and self-inflicted injury by military firearms	Diagnosis	ICD-9-CM
E955.4	Suicide and self-inflicted injury by other and unspecified firearm	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
E955.5	Suicide and self-inflicted injury by explosives	Diagnosis	ICD-9-CM
E955.6	Suicide and self-inflicted injury by air gun	Diagnosis	ICD-9-CM
E955.7	Suicide and self-inflicted injury by paintball gun	Diagnosis	ICD-9-CM
E955.9	Suicide and self-inflicted injury by firearms and explosives, unspecified	Diagnosis	ICD-9-CM
E956	Suicide and self-inflicted injury by cutting and piercing instrument	Diagnosis	ICD-9-CM
E957	Suicide and self-inflicted injuries by jumping from high place	Diagnosis	ICD-9-CM
E957.0	Suicide and self-inflicted injuries by jumping from residential premises	Diagnosis	ICD-9-CM
E957.1	Suicide and self-inflicted injuries by jumping from other man-made structures	Diagnosis	ICD-9-CM
E957.2	Suicide and self-inflicted injuries by jumping from natural sites	Diagnosis	ICD-9-CM
E957.9	Suicide and self-inflicted injuries by jumping from unspecified site	Diagnosis	ICD-9-CM
E958	Suicide and self-inflicted injury by other and unspecified means	Diagnosis	ICD-9-CM
E958.0	Suicide and self-inflicted injury by jumping or lying before moving object	Diagnosis	ICD-9-CM
E958.1	Suicide and self-inflicted injury by burns, fire	Diagnosis	ICD-9-CM
E958.2	Suicide and self-inflicted injury by scald	Diagnosis	ICD-9-CM
E958.3	Suicide and self-inflicted injury by extremes of cold	Diagnosis	ICD-9-CM
E958.4	Suicide and self-inflicted injury by electrocution	Diagnosis	ICD-9-CM
E958.5	Suicide and self-inflicted injury by crashing of motor vehicle	Diagnosis	ICD-9-CM
E958.6	Suicide and self-inflicted injury by crashing of aircraft	Diagnosis	ICD-9-CM
E958.7	Suicide and self-inflicted injury by caustic substances, except poisoning	Diagnosis	ICD-9-CM
E958.8	Suicide and self-inflicted injury by other specified means	Diagnosis	ICD-9-CM
E958.9	Suicide and self-inflicted injury by unspecified means	Diagnosis	ICD-9-CM
E959	Late effects of self-inflicted injury	Diagnosis	ICD-9-CM
F01	Vascular dementia	Diagnosis	ICD-10-CM
F01.5	Vascular dementia	Diagnosis	ICD-10-CM
F01.50	Vascular dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F01.51	Vascular dementia with behavioral disturbance	Diagnosis	ICD-10-CM
F02	Dementia in other diseases classified elsewhere	Diagnosis	ICD-10-CM
F02.8	Dementia in other diseases classified elsewhere	Diagnosis	ICD-10-CM
F02.80	Dementia in other diseases classified elsewhere without behavioral	Diagnosis	ICD-10-CM
F02.81	Dementia in other diseases classified elsewhere with behavioral disturbance	Diagnosis	ICD-10-CM
F03	Unspecified dementia	Diagnosis	ICD-10-CM
F03.9	Unspecified dementia	Diagnosis	ICD-10-CM
F03.90	Unspecified dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F03.91	Unspecified dementia with behavioral disturbance	Diagnosis	ICD-10-CM
F04	Amnestic disorder due to known physiological condition	Diagnosis	ICD-10-CM
F05	Delirium due to known physiological condition	Diagnosis	ICD-10-CM
F06	Other mental disorders due to known physiological condition	Diagnosis	ICD-10-CM
F06.0	Psychotic disorder with hallucinations due to known physiological condition	Diagnosis	ICD-10-CM
F06.1	Catatonic disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.2	Psychotic disorder with delusions due to known physiological condition	Diagnosis	ICD-10-CM
F06.3	Mood disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.30	Mood disorder due to known physiological condition, unspecified	Diagnosis	ICD-10-CM
F06.31	Mood disorder due to known physiological condition with depressive features	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F06.32	Mood disorder due to known physiological condition with major depressive-like episode	Diagnosis	ICD-10-CM
F06.33	Mood disorder due to known physiological condition with manic features	Diagnosis	ICD-10-CM
F06.34	Mood disorder due to known physiological condition with mixed features	Diagnosis	ICD-10-CM
F06.4	Anxiety disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.8	Other specified mental disorders due to known physiological condition	Diagnosis	ICD-10-CM
F07	Personality and behavioral disorders due to known physiological condition	Diagnosis	ICD-10-CM
F07.0	Personality change due to known physiological condition	Diagnosis	ICD-10-CM
F07.8	Other personality and behavioral disorders due to known physiological condition	Diagnosis	ICD-10-CM
F07.81	Postconcussional syndrome	Diagnosis	ICD-10-CM
F07.89	Other personality and behavioral disorders due to known physiological condition	Diagnosis	ICD-10-CM
F07.9	Unspecified personality and behavioral disorder due to known physiological condition	Diagnosis	ICD-10-CM
F09	Unspecified mental disorder due to known physiological condition	Diagnosis	ICD-10-CM
F10	Alcohol related disorders	Diagnosis	ICD-10-CM
F10.1	Alcohol abuse	Diagnosis	ICD-10-CM
F10.10	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
F10.14	Alcohol abuse with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.15	Alcohol abuse with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.18	Alcohol abuse with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.182	Alcohol abuse with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.188	Alcohol abuse with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.2	Alcohol dependence	Diagnosis	ICD-10-CM
F10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
F10.22	Alcohol dependence with intoxication	Diagnosis	ICD-10-CM
F10.220	Alcohol dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
F10.229	Alcohol dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.23	Alcohol dependence with withdrawal	Diagnosis	ICD-10-CM
F10.230	Alcohol dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F10.231	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	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 amnesic 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
F10.92	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
F10.94	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	Diagnosis	ICD-10-CM
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.98	Alcohol use, unspecified with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F11	Opioid related disorders	Diagnosis	ICD-10-CM
F11.1	Opioid abuse	Diagnosis	ICD-10-CM
F11.10	Opioid abuse, uncomplicated	Diagnosis	ICD-10-CM
F11.11	Opioid abuse, in remission	Diagnosis	ICD-10-CM
F11.12	Opioid abuse with intoxication	Diagnosis	ICD-10-CM
F11.120	Opioid abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.121	Opioid abuse with intoxication delirium	Diagnosis	ICD-10-CM
F11.122	Opioid abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.129	Opioid abuse with intoxication, unspecified	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F11.14	Opioid abuse with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.15	Opioid abuse with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.151	Opioid abuse with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.159	Opioid abuse with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.18	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.181	Opioid abuse with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.182	Opioid abuse with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.188	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.19	Opioid abuse with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.2	Opioid dependence	Diagnosis	ICD-10-CM
F11.20	Opioid dependence, uncomplicated	Diagnosis	ICD-10-CM
F11.21	Opioid dependence, in remission	Diagnosis	ICD-10-CM
F11.22	Opioid dependence with intoxication	Diagnosis	ICD-10-CM
F11.220	Opioid dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.221	Opioid dependence with intoxication delirium	Diagnosis	ICD-10-CM
F11.222	Opioid dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.229	Opioid dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.23	Opioid dependence with withdrawal	Diagnosis	ICD-10-CM
F11.24	Opioid dependence with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.25	Opioid dependence with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.250	Opioid dependence with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.259	Opioid dependence with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.28	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.281	Opioid dependence with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.282	Opioid dependence with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.288	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.29	Opioid dependence with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.9	Opioid use, unspecified	Diagnosis	ICD-10-CM
F11.90	Opioid use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F11.92	Opioid use, unspecified with intoxication	Diagnosis	ICD-10-CM
F11.920	Opioid use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.921	Opioid use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F11.922	Opioid use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.929	Opioid use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.93	Opioid use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F11.94	Opioid use, unspecified with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.95	Opioid use, unspecified with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.951	Opioid use, unspecified with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.98	Opioid use, unspecified with other specified opioid-induced disorder	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F11.981	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 delirium	Diagnosis	ICD-10-CM
F12.122	Cannabis abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.129	Cannabis abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.15	Cannabis abuse with psychotic disorder	Diagnosis	ICD-10-CM
F12.150	Cannabis abuse with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.151	Cannabis abuse with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.159	Cannabis abuse with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.18	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.188	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.2	Cannabis dependence	Diagnosis	ICD-10-CM
F12.20	Cannabis dependence, uncomplicated	Diagnosis	ICD-10-CM
F12.21	Cannabis dependence, in remission	Diagnosis	ICD-10-CM
F12.22	Cannabis dependence with intoxication	Diagnosis	ICD-10-CM
F12.220	Cannabis dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.221	Cannabis dependence with intoxication delirium	Diagnosis	ICD-10-CM
F12.222	Cannabis dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.229	Cannabis dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.23	Cannabis dependence with withdrawal	Diagnosis	ICD-10-CM
F12.25	Cannabis dependence with psychotic disorder	Diagnosis	ICD-10-CM
F12.250	Cannabis dependence with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.251	Cannabis dependence with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.259	Cannabis dependence with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.28	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.288	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.9	Cannabis use, unspecified	Diagnosis	ICD-10-CM
F12.90	Cannabis use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F12.92	Cannabis use, unspecified with intoxication	Diagnosis	ICD-10-CM
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.921	Cannabis use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F12.929	Cannabis use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.93	Cannabis use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F12.95	Cannabis use, unspecified with psychotic disorder	Diagnosis	ICD-10-CM
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.98	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.980	Cannabis use, unspecified with anxiety disorder	Diagnosis	ICD-10-CM
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F13	Sedative, hypnotic, or anxiolytic related disorders	Diagnosis	ICD-10-CM
F13.1	Sedative, hypnotic or anxiolytic-related abuse	Diagnosis	ICD-10-CM
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	Diagnosis	ICD-10-CM
F13.11	Sedative, hypnotic or anxiolytic abuse, in remission	Diagnosis	ICD-10-CM
F13.12	Sedative, hypnotic or anxiolytic abuse with intoxication	Diagnosis	ICD-10-CM
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	Diagnosis	ICD-10-CM
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.15	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder	Diagnosis	ICD-10-CM
F13.150	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.151	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.159	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.18	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorders	Diagnosis	ICD-10-CM
F13.180	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.181	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.188	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.19	Sedative, hypnotic or anxiolytic abuse with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.2	Sedative, hypnotic or anxiolytic-related dependence	Diagnosis	ICD-10-CM
F13.20	Sedative, hypnotic or anxiolytic dependence, uncomplicated	Diagnosis	ICD-10-CM
F13.21	Sedative, hypnotic or anxiolytic dependence, in remission	Diagnosis	ICD-10-CM
F13.22	Sedative, hypnotic or anxiolytic dependence with intoxication	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F13.220	Sedative, hypnotic or anxiolytic dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.221	Sedative, hypnotic or anxiolytic dependence with intoxication delirium	Diagnosis	ICD-10-CM
F13.229	Sedative, hypnotic or anxiolytic dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.23	Sedative, hypnotic or anxiolytic dependence with withdrawal	Diagnosis	ICD-10-CM
F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.24	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.25	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder	Diagnosis	ICD-10-CM
F13.250	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.251	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.259	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.26	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.28	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorders	Diagnosis	ICD-10-CM
F13.280	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.281	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.288	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.9	Sedative, hypnotic or anxiolytic-related use, unspecified	Diagnosis	ICD-10-CM
F13.90	Sedative, hypnotic, or anxiolytic use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F13.92	Sedative, hypnotic or anxiolytic use, unspecified with intoxication	Diagnosis	ICD-10-CM
F13.920	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.921	Sedative, hypnotic or anxiolytic use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F13.929	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.93	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	Diagnosis	ICD-10-CM
F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.94	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.95	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder	Diagnosis	ICD-10-CM
F13.950	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.951	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.959	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.96	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.98	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorders	Diagnosis	ICD-10-CM
F13.980	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.981	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.988	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.99	Sedative, hypnotic or anxiolytic use, unspecified with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F14	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
F14.14	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

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

Code	Description	Code Category	Code Type
F14.151	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
F14.92	Cocaine use, unspecified with intoxication	Diagnosis	ICD-10-CM
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.95	Cocaine use, unspecified with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with	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

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

Code	Description	Code Category	Code Type
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F15	Other stimulant related disorders	Diagnosis	ICD-10-CM
F15.1	Other stimulant abuse	Diagnosis	ICD-10-CM
F15.10	Other stimulant abuse, uncomplicated	Diagnosis	ICD-10-CM
F15.11	Other stimulant abuse, in remission	Diagnosis	ICD-10-CM
F15.12	Other stimulant abuse with intoxication	Diagnosis	ICD-10-CM
F15.120	Other stimulant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.121	Other stimulant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.129	Other stimulant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.14	Other stimulant abuse with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.15	Other stimulant abuse with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.18	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.188	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.2	Other stimulant dependence	Diagnosis	ICD-10-CM
F15.20	Other stimulant dependence, uncomplicated	Diagnosis	ICD-10-CM
F15.21	Other stimulant dependence, in remission	Diagnosis	ICD-10-CM
F15.22	Other stimulant dependence with intoxication	Diagnosis	ICD-10-CM
F15.220	Other stimulant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.221	Other stimulant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.229	Other stimulant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.23	Other stimulant dependence with withdrawal	Diagnosis	ICD-10-CM
F15.24	Other stimulant dependence with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.25	Other stimulant dependence with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.28	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.288	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.9	Other stimulant use, unspecified	Diagnosis	ICD-10-CM
F15.90	Other stimulant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F15.92	Other stimulant use, unspecified with intoxication	Diagnosis	ICD-10-CM
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.921	Other stimulant use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.929	Other stimulant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.93	Other stimulant use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.95	Other stimulant use, unspecified with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.98	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F16	Hallucinogen related disorders	Diagnosis	ICD-10-CM
F16.1	Hallucinogen abuse	Diagnosis	ICD-10-CM
F16.10	Hallucinogen abuse, uncomplicated	Diagnosis	ICD-10-CM
F16.11	Hallucinogen abuse, in remission	Diagnosis	ICD-10-CM
F16.12	Hallucinogen abuse with intoxication	Diagnosis	ICD-10-CM
F16.120	Hallucinogen abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.121	Hallucinogen abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F16.122	Hallucinogen abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F16.129	Hallucinogen abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.15	Hallucinogen abuse with hallucinogen-induced psychotic disorder	Diagnosis	ICD-10-CM
F16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.18	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F16.180	Hallucinogen abuse with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.183	Hallucinogen abuse with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.188	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.19	Hallucinogen abuse with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.2	Hallucinogen dependence	Diagnosis	ICD-10-CM
F16.20	Hallucinogen dependence, uncomplicated	Diagnosis	ICD-10-CM
F16.21	Hallucinogen dependence, in remission	Diagnosis	ICD-10-CM
F16.22	Hallucinogen dependence with intoxication	Diagnosis	ICD-10-CM
F16.220	Hallucinogen dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.221	Hallucinogen dependence with intoxication with delirium	Diagnosis	ICD-10-CM
F16.229	Hallucinogen dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.24	Hallucinogen dependence with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.25	Hallucinogen dependence with hallucinogen-induced psychotic disorder	Diagnosis	ICD-10-CM
F16.250	Hallucinogen dependence with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.251	Hallucinogen dependence with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.259	Hallucinogen dependence with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.28	Hallucinogen dependence with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.280	Hallucinogen dependence with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.283	Hallucinogen dependence with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.288	Hallucinogen dependence with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.29	Hallucinogen dependence with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.9	Hallucinogen use, unspecified	Diagnosis	ICD-10-CM
F16.90	Hallucinogen use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F16.92	Hallucinogen use, unspecified with intoxication	Diagnosis	ICD-10-CM
F16.920	Hallucinogen use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.921	Hallucinogen use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F16.929	Hallucinogen use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.94	Hallucinogen use, unspecified with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.95	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder	Diagnosis	ICD-10-CM
F16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.98	Hallucinogen use, unspecified with other specified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F17	Nicotine dependence	Diagnosis	ICD-10-CM
F17.2	Nicotine dependence	Diagnosis	ICD-10-CM
F17.20	Nicotine dependence, unspecified	Diagnosis	ICD-10-CM
F17.200	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 disorders	Diagnosis	ICD-10-CM
F17.29	Nicotine dependence, other tobacco product	Diagnosis	ICD-10-CM
F17.290	Nicotine dependence, other tobacco product, uncomplicated	Diagnosis	ICD-10-CM
F17.291	Nicotine dependence, other tobacco product, in remission	Diagnosis	ICD-10-CM
F17.293	Nicotine dependence, other tobacco product, with withdrawal	Diagnosis	ICD-10-CM
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F18	Inhalant related disorders	Diagnosis	ICD-10-CM
F18.1	Inhalant abuse	Diagnosis	ICD-10-CM
F18.10	Inhalant abuse, uncomplicated	Diagnosis	ICD-10-CM
F18.11	Inhalant abuse, in remission	Diagnosis	ICD-10-CM
F18.12	Inhalant abuse with intoxication	Diagnosis	ICD-10-CM
F18.120	Inhalant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.121	Inhalant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F18.129	Inhalant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.14	Inhalant abuse with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.15	Inhalant abuse with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.150	Inhalant abuse with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F18.151	Inhalant abuse with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.159	Inhalant abuse with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.17	Inhalant abuse with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.18	Inhalant abuse with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.180	Inhalant abuse with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.188	Inhalant abuse with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.19	Inhalant abuse with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.2	Inhalant dependence	Diagnosis	ICD-10-CM
F18.20	Inhalant dependence, uncomplicated	Diagnosis	ICD-10-CM
F18.21	Inhalant dependence, in remission	Diagnosis	ICD-10-CM
F18.22	Inhalant dependence with intoxication	Diagnosis	ICD-10-CM
F18.220	Inhalant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.221	Inhalant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F18.229	Inhalant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.24	Inhalant dependence with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.25	Inhalant dependence with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.250	Inhalant dependence with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.251	Inhalant dependence with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.27	Inhalant dependence with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.28	Inhalant dependence with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.280	Inhalant dependence with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.288	Inhalant dependence with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.29	Inhalant dependence with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.9	Inhalant use, unspecified	Diagnosis	ICD-10-CM
F18.90	Inhalant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F18.92	Inhalant use, unspecified with intoxication	Diagnosis	ICD-10-CM
F18.920	Inhalant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.921	Inhalant use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F18.929	Inhalant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.94	Inhalant use, unspecified with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.95	Inhalant use, unspecified with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	Diagnosis	ICD-10-CM
F18.98	Inhalant use, unspecified with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F19	Other psychoactive substance related disorders	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F19.1	Other psychoactive substance abuse	Diagnosis	ICD-10-CM
F19.10	Other psychoactive substance abuse, uncomplicated	Diagnosis	ICD-10-CM
F19.11	Other psychoactive substance abuse, in remission	Diagnosis	ICD-10-CM
F19.12	Other psychoactive substance abuse with intoxication	Diagnosis	ICD-10-CM
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.121	Other psychoactive substance abuse with intoxication delirium	Diagnosis	ICD-10-CM
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	Diagnosis	ICD-10-CM
F19.129	Other psychoactive substance abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.15	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder	Diagnosis	ICD-10-CM
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.18	Other psychoactive substance abuse with other psychoactive substance-induced disorders	Diagnosis	ICD-10-CM
F19.180	Other psychoactive substance abuse with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.181	Other psychoactive substance abuse with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.182	Other psychoactive substance abuse with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.188	Other psychoactive substance abuse with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.19	Other psychoactive substance abuse with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.2	Other psychoactive substance dependence	Diagnosis	ICD-10-CM
F19.20	Other psychoactive substance dependence, uncomplicated	Diagnosis	ICD-10-CM
F19.21	Other psychoactive substance dependence, in remission	Diagnosis	ICD-10-CM
F19.22	Other psychoactive substance dependence with intoxication	Diagnosis	ICD-10-CM
F19.220	Other psychoactive substance dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.221	Other psychoactive substance dependence with intoxication delirium	Diagnosis	ICD-10-CM
F19.222	Other psychoactive substance dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.229	Other psychoactive substance dependence with intoxication, unspecified	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
F19.23	Other psychoactive substance dependence with withdrawal	Diagnosis	ICD-10-CM
F19.230	Other psychoactive substance dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.231	Other psychoactive substance dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F19.232	Other psychoactive substance dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.239	Other psychoactive substance dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.24	Other psychoactive substance dependence with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.25	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder	Diagnosis	ICD-10-CM
F19.250	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.251	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.259	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.26	Other psychoactive substance dependence with psychoactive substance-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.28	Other psychoactive substance dependence with other psychoactive substance-induced disorders	Diagnosis	ICD-10-CM
F19.280	Other psychoactive substance dependence with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.281	Other psychoactive substance dependence with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.288	Other psychoactive substance dependence with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.29	Other psychoactive substance dependence with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.9	Other psychoactive substance use, unspecified	Diagnosis	ICD-10-CM
F19.90	Other psychoactive substance use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F19.92	Other psychoactive substance use, unspecified with intoxication	Diagnosis	ICD-10-CM
F19.920	Other psychoactive substance use, unspecified with intoxication,	Diagnosis	ICD-10-CM
F19.921	Other psychoactive substance use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F19.922	Other psychoactive substance use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.929	Other psychoactive substance use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.93	Other psychoactive substance use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F19.930	Other psychoactive substance use, unspecified with withdrawal,	Diagnosis	ICD-10-CM
F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.94	Other psychoactive substance use, unspecified with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.95	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder	Diagnosis	ICD-10-CM
F19.950	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.951	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.959	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.96	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.98	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorders	Diagnosis	ICD-10-CM
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.981	Other psychoactive substance use, unspecified with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.988	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.99	Other psychoactive substance use, unspecified with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F20	Schizophrenia	Diagnosis	ICD-10-CM
F20.0	Paranoid schizophrenia	Diagnosis	ICD-10-CM
F20.1	Disorganized schizophrenia	Diagnosis	ICD-10-CM
F20.2	Catatonic schizophrenia	Diagnosis	ICD-10-CM
F20.3	Undifferentiated schizophrenia	Diagnosis	ICD-10-CM
F20.5	Residual schizophrenia	Diagnosis	ICD-10-CM
F20.8	Other schizophrenia	Diagnosis	ICD-10-CM
F20.81	Schizophreniform disorder	Diagnosis	ICD-10-CM
F20.89	Other schizophrenia	Diagnosis	ICD-10-CM
F20.9	Schizophrenia, unspecified	Diagnosis	ICD-10-CM
F21	Schizotypal disorder	Diagnosis	ICD-10-CM
F22	Delusional disorders	Diagnosis	ICD-10-CM
F23	Brief psychotic disorder	Diagnosis	ICD-10-CM
F24	Shared psychotic disorder	Diagnosis	ICD-10-CM
F25	Schizoaffective disorders	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F25.0	Schizoaffective disorder, bipolar type	Diagnosis	ICD-10-CM
F25.1	Schizoaffective disorder, depressive type	Diagnosis	ICD-10-CM
F25.8	Other schizoaffective disorders	Diagnosis	ICD-10-CM
F25.9	Schizoaffective disorder, unspecified	Diagnosis	ICD-10-CM
F28	Other psychotic disorder not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F29	Unspecified psychosis not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F30	Manic episode	Diagnosis	ICD-10-CM
F30.1	Manic episode without psychotic symptoms	Diagnosis	ICD-10-CM
F30.10	Manic episode without psychotic symptoms, unspecified	Diagnosis	ICD-10-CM
F30.11	Manic episode without psychotic symptoms, mild	Diagnosis	ICD-10-CM
F30.12	Manic episode without psychotic symptoms, moderate	Diagnosis	ICD-10-CM
F30.13	Manic episode, severe, without psychotic symptoms	Diagnosis	ICD-10-CM
F30.2	Manic episode, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F30.3	Manic episode in partial remission	Diagnosis	ICD-10-CM
F30.4	Manic episode in full remission	Diagnosis	ICD-10-CM
F30.8	Other manic episodes	Diagnosis	ICD-10-CM
F30.9	Manic episode, unspecified	Diagnosis	ICD-10-CM
F31	Bipolar disorder	Diagnosis	ICD-10-CM
F31.0	Bipolar disorder, current episode hypomanic	Diagnosis	ICD-10-CM
F31.1	Bipolar disorder, current episode manic without psychotic features	Diagnosis	ICD-10-CM
F31.10	Bipolar disorder, current episode manic without psychotic features,	Diagnosis	ICD-10-CM
F31.11	Bipolar disorder, current episode manic without psychotic features, mild	Diagnosis	ICD-10-CM
F31.12	Bipolar disorder, current episode manic without psychotic features, moderate	Diagnosis	ICD-10-CM
F31.13	Bipolar disorder, current episode manic without psychotic features, severe	Diagnosis	ICD-10-CM
F31.2	Bipolar disorder, current episode manic severe with psychotic features	Diagnosis	ICD-10-CM
F31.3	Bipolar disorder, current episode depressed, mild or moderate severity	Diagnosis	ICD-10-CM
F31.30	Bipolar disorder, current episode depressed, mild or moderate severity, unspecified	Diagnosis	ICD-10-CM
F31.31	Bipolar disorder, current episode depressed, mild	Diagnosis	ICD-10-CM
F31.32	Bipolar disorder, current episode depressed, moderate	Diagnosis	ICD-10-CM
F31.4	Bipolar disorder, current episode depressed, severe, without psychotic	Diagnosis	ICD-10-CM
F31.5	Bipolar disorder, current episode depressed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.6	Bipolar disorder, current episode mixed	Diagnosis	ICD-10-CM
F31.60	Bipolar disorder, current episode mixed, unspecified	Diagnosis	ICD-10-CM
F31.61	Bipolar disorder, current episode mixed, mild	Diagnosis	ICD-10-CM
F31.62	Bipolar disorder, current episode mixed, moderate	Diagnosis	ICD-10-CM
F31.63	Bipolar disorder, current episode mixed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.64	Bipolar disorder, current episode mixed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.7	Bipolar disorder, currently in remission	Diagnosis	ICD-10-CM
F31.70	Bipolar disorder, currently in remission, most recent episode unspecified	Diagnosis	ICD-10-CM
F31.71	Bipolar disorder, in partial remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.72	Bipolar disorder, in full remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.73	Bipolar disorder, in partial remission, most recent episode manic	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F31.74	Bipolar disorder, in full remission, most recent episode manic	Diagnosis	ICD-10-CM
F31.75	Bipolar disorder, in partial remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.76	Bipolar disorder, in full remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.77	Bipolar disorder, in partial remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.78	Bipolar disorder, in full remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.8	Other bipolar disorders	Diagnosis	ICD-10-CM
F31.81	Bipolar II disorder	Diagnosis	ICD-10-CM
F31.89	Other bipolar disorder	Diagnosis	ICD-10-CM
F31.9	Bipolar disorder, unspecified	Diagnosis	ICD-10-CM
F32	Depressive episode	Diagnosis	ICD-10-CM
F32.0	Major depressive disorder, single episode, mild	Diagnosis	ICD-10-CM
F32.1	Major depressive disorder, single episode, moderate	Diagnosis	ICD-10-CM
F32.2	Major depressive disorder, single episode, severe without psychotic features	Diagnosis	ICD-10-CM
F32.3	Major depressive disorder, single episode, severe with psychotic features	Diagnosis	ICD-10-CM
F32.4	Major depressive disorder, single episode, in partial remission	Diagnosis	ICD-10-CM
F32.5	Major depressive disorder, single episode, in full remission	Diagnosis	ICD-10-CM
F32.8	Other depressive episodes	Diagnosis	ICD-10-CM
F32.81	Premenstrual dysphoric disorder	Diagnosis	ICD-10-CM
F32.89	Other specified depressive episodes	Diagnosis	ICD-10-CM
F32.9	Major depressive disorder, single episode, unspecified	Diagnosis	ICD-10-CM
F33	Major depressive disorder, recurrent	Diagnosis	ICD-10-CM
F33.0	Major depressive disorder, recurrent, mild	Diagnosis	ICD-10-CM
F33.1	Major depressive disorder, recurrent, moderate	Diagnosis	ICD-10-CM
F33.2	Major depressive disorder, recurrent severe without psychotic features	Diagnosis	ICD-10-CM
F33.3	Major depressive disorder, recurrent, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F33.4	Major depressive disorder, recurrent, in remission	Diagnosis	ICD-10-CM
F33.40	Major depressive disorder, recurrent, in remission, unspecified	Diagnosis	ICD-10-CM
F33.41	Major depressive disorder, recurrent, in partial remission	Diagnosis	ICD-10-CM
F33.42	Major depressive disorder, recurrent, in full remission	Diagnosis	ICD-10-CM
F33.8	Other recurrent depressive disorders	Diagnosis	ICD-10-CM
F33.9	Major depressive disorder, recurrent, unspecified	Diagnosis	ICD-10-CM
F34	Persistent mood [affective] disorders	Diagnosis	ICD-10-CM
F34.0	Cyclothymic disorder	Diagnosis	ICD-10-CM
F34.1	Dysthymic disorder	Diagnosis	ICD-10-CM
F34.8	Other persistent mood [affective] disorders	Diagnosis	ICD-10-CM
F34.81	Disruptive mood dysregulation disorder	Diagnosis	ICD-10-CM
F34.89	Other specified persistent mood disorders	Diagnosis	ICD-10-CM
F34.9	Persistent mood [affective] disorder, unspecified	Diagnosis	ICD-10-CM
F39	Unspecified mood [affective] disorder	Diagnosis	ICD-10-CM
F40	Phobic anxiety disorders	Diagnosis	ICD-10-CM
F40.0	Agoraphobia	Diagnosis	ICD-10-CM
F40.00	Agoraphobia, unspecified	Diagnosis	ICD-10-CM
F40.01	Agoraphobia with panic disorder	Diagnosis	ICD-10-CM
F40.02	Agoraphobia without panic disorder	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F40.1	Social phobias	Diagnosis	ICD-10-CM
F40.10	Social phobia, unspecified	Diagnosis	ICD-10-CM
F40.11	Social phobia, generalized	Diagnosis	ICD-10-CM
F40.2	Specific (isolated) phobias	Diagnosis	ICD-10-CM
F40.21	Animal type phobia	Diagnosis	ICD-10-CM
F40.210	Arachnophobia	Diagnosis	ICD-10-CM
F40.218	Other animal type phobia	Diagnosis	ICD-10-CM
F40.22	Natural environment type phobia	Diagnosis	ICD-10-CM
F40.220	Fear of thunderstorms	Diagnosis	ICD-10-CM
F40.228	Other natural environment type phobia	Diagnosis	ICD-10-CM
F40.23	Blood, injection, injury type phobia	Diagnosis	ICD-10-CM
F40.230	Fear of blood	Diagnosis	ICD-10-CM
F40.231	Fear of injections and transfusions	Diagnosis	ICD-10-CM
F40.232	Fear of other medical care	Diagnosis	ICD-10-CM
F40.233	Fear of injury	Diagnosis	ICD-10-CM
F40.24	Situational type phobia	Diagnosis	ICD-10-CM
F40.240	Claustrophobia	Diagnosis	ICD-10-CM
F40.241	Acrophobia	Diagnosis	ICD-10-CM
F40.242	Fear of bridges	Diagnosis	ICD-10-CM
F40.243	Fear of flying	Diagnosis	ICD-10-CM
F40.248	Other situational type phobia	Diagnosis	ICD-10-CM
F40.29	Other specified phobia	Diagnosis	ICD-10-CM
F40.290	Androphobia	Diagnosis	ICD-10-CM
F40.291	Gynephobia	Diagnosis	ICD-10-CM
F40.298	Other specified phobia	Diagnosis	ICD-10-CM
F40.8	Other phobic anxiety disorders	Diagnosis	ICD-10-CM
F40.9	Phobic anxiety disorder, unspecified	Diagnosis	ICD-10-CM
F41	Other anxiety disorders	Diagnosis	ICD-10-CM
F41.0	Panic disorder [episodic paroxysmal anxiety]	Diagnosis	ICD-10-CM
F41.1	Generalized anxiety disorder	Diagnosis	ICD-10-CM
F41.3	Other mixed anxiety disorders	Diagnosis	ICD-10-CM
F41.8	Other specified anxiety disorders	Diagnosis	ICD-10-CM
F41.9	Anxiety disorder, unspecified	Diagnosis	ICD-10-CM
F42	Obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.2	Mixed obsessional thoughts and acts	Diagnosis	ICD-10-CM
F42.3	Hoarding disorder	Diagnosis	ICD-10-CM
F42.4	Excoriation (skin-picking) disorder	Diagnosis	ICD-10-CM
F42.8	Other obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.9	Obsessive-compulsive disorder, unspecified	Diagnosis	ICD-10-CM
F43	Reaction to severe stress, and adjustment disorders	Diagnosis	ICD-10-CM
F43.0	Acute stress reaction	Diagnosis	ICD-10-CM
F43.1	Post-traumatic stress disorder (PTSD)	Diagnosis	ICD-10-CM
F43.10	Post-traumatic stress disorder, unspecified	Diagnosis	ICD-10-CM
F43.11	Post-traumatic stress disorder, acute	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F43.12	Post-traumatic stress disorder, chronic	Diagnosis	ICD-10-CM
F43.2	Adjustment disorders	Diagnosis	ICD-10-CM
F43.20	Adjustment disorder, unspecified	Diagnosis	ICD-10-CM
F43.21	Adjustment disorder with depressed mood	Diagnosis	ICD-10-CM
F43.22	Adjustment disorder with anxiety	Diagnosis	ICD-10-CM
F43.23	Adjustment disorder with mixed anxiety and depressed mood	Diagnosis	ICD-10-CM
F43.24	Adjustment disorder with disturbance of conduct	Diagnosis	ICD-10-CM
F43.25	Adjustment disorder with mixed disturbance of emotions and conduct	Diagnosis	ICD-10-CM
F43.29	Adjustment disorder with other symptoms	Diagnosis	ICD-10-CM
F43.8	Other reactions to severe stress	Diagnosis	ICD-10-CM
F43.9	Reaction to severe stress, unspecified	Diagnosis	ICD-10-CM
F44	Dissociative and conversion disorders	Diagnosis	ICD-10-CM
F44.0	Dissociative amnesia	Diagnosis	ICD-10-CM
F44.1	Dissociative fugue	Diagnosis	ICD-10-CM
F44.2	Dissociative stupor	Diagnosis	ICD-10-CM
F44.4	Conversion disorder with motor symptom or deficit	Diagnosis	ICD-10-CM
F44.5	Conversion disorder with seizures or convulsions	Diagnosis	ICD-10-CM
F44.6	Conversion disorder with sensory symptom or deficit	Diagnosis	ICD-10-CM
F44.7	Conversion disorder with mixed symptom presentation	Diagnosis	ICD-10-CM
F44.8	Other dissociative and conversion disorders	Diagnosis	ICD-10-CM
F44.81	Dissociative identity disorder	Diagnosis	ICD-10-CM
F44.89	Other dissociative and conversion disorders	Diagnosis	ICD-10-CM
F44.9	Dissociative and conversion disorder, unspecified	Diagnosis	ICD-10-CM
F45	Somatoform disorders	Diagnosis	ICD-10-CM
F45.0	Somatization disorder	Diagnosis	ICD-10-CM
F45.1	Undifferentiated somatoform disorder	Diagnosis	ICD-10-CM
F45.2	Hypochondriacal disorders	Diagnosis	ICD-10-CM
F45.20	Hypochondriacal disorder, unspecified	Diagnosis	ICD-10-CM
F45.21	Hypochondriasis	Diagnosis	ICD-10-CM
F45.22	Body dysmorphic disorder	Diagnosis	ICD-10-CM
F45.29	Other hypochondriacal disorders	Diagnosis	ICD-10-CM
F45.4	Pain disorders related to psychological factors	Diagnosis	ICD-10-CM
F45.41	Pain disorder exclusively related to psychological factors	Diagnosis	ICD-10-CM
F45.42	Pain disorder with related psychological factors	Diagnosis	ICD-10-CM
F45.8	Other somatoform disorders	Diagnosis	ICD-10-CM
F45.9	Somatoform disorder, unspecified	Diagnosis	ICD-10-CM
F48	Other nonpsychotic mental disorders	Diagnosis	ICD-10-CM
F48.1	Depersonalization-derealization syndrome	Diagnosis	ICD-10-CM
F48.2	Pseudobulbar affect	Diagnosis	ICD-10-CM
F48.8	Other specified nonpsychotic mental disorders	Diagnosis	ICD-10-CM
F48.9	Nonpsychotic mental disorder, unspecified	Diagnosis	ICD-10-CM
F50	Eating disorders	Diagnosis	ICD-10-CM
F50.0	Anorexia nervosa	Diagnosis	ICD-10-CM
F50.00	Anorexia nervosa, unspecified	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F50.01	Anorexia nervosa, restricting type	Diagnosis	ICD-10-CM
F50.02	Anorexia nervosa, binge eating/purging type	Diagnosis	ICD-10-CM
F50.2	Bulimia nervosa	Diagnosis	ICD-10-CM
F50.8	Other eating disorders	Diagnosis	ICD-10-CM
F50.81	Binge eating disorder	Diagnosis	ICD-10-CM
F50.82	Avoidant/restrictive food intake disorder	Diagnosis	ICD-10-CM
F50.89	Other specified eating disorder	Diagnosis	ICD-10-CM
F50.9	Eating disorder, unspecified	Diagnosis	ICD-10-CM
F51	Sleep disorders not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.0	Insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.01	Primary insomnia	Diagnosis	ICD-10-CM
F51.02	Adjustment insomnia	Diagnosis	ICD-10-CM
F51.03	Paradoxical insomnia	Diagnosis	ICD-10-CM
F51.04	Psychophysiologic insomnia	Diagnosis	ICD-10-CM
F51.05	Insomnia due to other mental disorder	Diagnosis	ICD-10-CM
F51.09	Other insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.1	Hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.11	Primary hypersomnia	Diagnosis	ICD-10-CM
F51.12	Insufficient sleep syndrome	Diagnosis	ICD-10-CM
F51.13	Hypersomnia due to other mental disorder	Diagnosis	ICD-10-CM
F51.19	Other hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.3	Sleepwalking [somnambulism]	Diagnosis	ICD-10-CM
F51.4	Sleep terrors [night terrors]	Diagnosis	ICD-10-CM
F51.5	Nightmare disorder	Diagnosis	ICD-10-CM
F51.8	Other sleep disorders not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.9	Sleep disorder not due to a substance or known physiological condition, unspecified	Diagnosis	ICD-10-CM
F52	Sexual dysfunction not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.0	Hypoactive sexual desire disorder	Diagnosis	ICD-10-CM
F52.1	Sexual aversion disorder	Diagnosis	ICD-10-CM
F52.2	Sexual arousal disorders	Diagnosis	ICD-10-CM
F52.21	Male erectile disorder	Diagnosis	ICD-10-CM
F52.22	Female sexual arousal disorder	Diagnosis	ICD-10-CM
F52.3	Orgasmic disorder	Diagnosis	ICD-10-CM
F52.31	Female orgasmic disorder	Diagnosis	ICD-10-CM
F52.32	Male orgasmic disorder	Diagnosis	ICD-10-CM
F52.4	Premature ejaculation	Diagnosis	ICD-10-CM
F52.5	Vaginismus not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.6	Dyspareunia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.8	Other sexual dysfunction not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.9	Unspecified sexual dysfunction not due to a substance or known physiological condition	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F53	Mental and behavioral disorders associated with the puerperium, not elsewhere classified	Diagnosis	ICD-10-CM
F53.0	Postpartum depression	Diagnosis	ICD-10-CM
F53.1	Puerperal psychosis	Diagnosis	ICD-10-CM
F54	Psychological and behavioral factors associated with disorders or diseases classified elsewhere	Diagnosis	ICD-10-CM
F55.0	Abuse of antacids	Diagnosis	ICD-10-CM
F55.1	Abuse of herbal or folk remedies	Diagnosis	ICD-10-CM
F55.2	Abuse of laxatives	Diagnosis	ICD-10-CM
F55.3	Abuse of steroids or hormones	Diagnosis	ICD-10-CM
F55.4	Abuse of vitamins	Diagnosis	ICD-10-CM
F55.8	Abuse of other non-psychoactive substances	Diagnosis	ICD-10-CM
F59	Unspecified behavioral syndromes associated with physiological disturbances and physical factors	Diagnosis	ICD-10-CM
F60	Specific personality disorders	Diagnosis	ICD-10-CM
F60.0	Paranoid personality disorder	Diagnosis	ICD-10-CM
F60.1	Schizoid personality disorder	Diagnosis	ICD-10-CM
F60.2	Antisocial personality disorder	Diagnosis	ICD-10-CM
F60.3	Borderline personality disorder	Diagnosis	ICD-10-CM
F60.4	Histrionic personality disorder	Diagnosis	ICD-10-CM
F60.5	Obsessive-compulsive personality disorder	Diagnosis	ICD-10-CM
F60.6	Avoidant personality disorder	Diagnosis	ICD-10-CM
F60.7	Dependent personality disorder	Diagnosis	ICD-10-CM
F60.8	Other specific personality disorders	Diagnosis	ICD-10-CM
F60.81	Narcissistic personality disorder	Diagnosis	ICD-10-CM
F60.89	Other specific personality disorders	Diagnosis	ICD-10-CM
F60.9	Personality disorder, unspecified	Diagnosis	ICD-10-CM
F63	Impulse disorders	Diagnosis	ICD-10-CM
F63.0	Pathological gambling	Diagnosis	ICD-10-CM
F63.1	Pyromania	Diagnosis	ICD-10-CM
F63.2	Kleptomania	Diagnosis	ICD-10-CM
F63.3	Trichotillomania	Diagnosis	ICD-10-CM
F63.8	Other impulse disorders	Diagnosis	ICD-10-CM
F63.81	Intermittent explosive disorder	Diagnosis	ICD-10-CM
F63.89	Other impulse disorders	Diagnosis	ICD-10-CM
F63.9	Impulse disorder, unspecified	Diagnosis	ICD-10-CM
F64	Gender identity disorders	Diagnosis	ICD-10-CM
F64.0	Transsexualism	Diagnosis	ICD-10-CM
F64.1	Dual role transvestism	Diagnosis	ICD-10-CM
F64.2	Gender identity disorder of childhood	Diagnosis	ICD-10-CM
F64.8	Other gender identity disorders	Diagnosis	ICD-10-CM
F64.9	Gender identity disorder, unspecified	Diagnosis	ICD-10-CM
F65	Paraphilias	Diagnosis	ICD-10-CM
F65.0	Fetishism	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
F65.1	Transvestic fetishism	Diagnosis	ICD-10-CM
F65.2	Exhibitionism	Diagnosis	ICD-10-CM
F65.3	Voyeurism	Diagnosis	ICD-10-CM
F65.4	Pedophilia	Diagnosis	ICD-10-CM
F65.5	Sadomasochism	Diagnosis	ICD-10-CM
F65.50	Sadomasochism, unspecified	Diagnosis	ICD-10-CM
F65.51	Sexual masochism	Diagnosis	ICD-10-CM
F65.52	Sexual sadism	Diagnosis	ICD-10-CM
F65.8	Other paraphilias	Diagnosis	ICD-10-CM
F65.81	Frotteurism	Diagnosis	ICD-10-CM
F65.89	Other paraphilias	Diagnosis	ICD-10-CM
F65.9	Paraphilia, unspecified	Diagnosis	ICD-10-CM
F66	Other sexual disorders	Diagnosis	ICD-10-CM
F68	Other disorders of adult personality and behavior	Diagnosis	ICD-10-CM
F68.1	Factitious disorder imposed on self	Diagnosis	ICD-10-CM
F68.10	Factitious disorder imposed on self, unspecified	Diagnosis	ICD-10-CM
F68.11	Factitious disorder imposed on self, with predominantly psychological signs and symptoms	Diagnosis	ICD-10-CM
F68.12	Factitious disorder imposed on self, with predominantly physical signs and symptoms	Diagnosis	ICD-10-CM
F68.13	Factitious disorder imposed on self, with combined psychological and physical signs and symptoms	Diagnosis	ICD-10-CM
F68.8	Other specified disorders of adult personality and behavior	Diagnosis	ICD-10-CM
F68.A	Factitious disorder imposed on another	Diagnosis	ICD-10-CM
F69	Unspecified disorder of adult personality and behavior	Diagnosis	ICD-10-CM
F70	Mild intellectual disabilities	Diagnosis	ICD-10-CM
F71	Moderate intellectual disabilities	Diagnosis	ICD-10-CM
F72	Severe intellectual disabilities	Diagnosis	ICD-10-CM
F73	Profound intellectual disabilities	Diagnosis	ICD-10-CM
F78	Other intellectual disabilities	Diagnosis	ICD-10-CM
F79	Unspecified intellectual disabilities	Diagnosis	ICD-10-CM
F80	Specific developmental disorders of speech and language	Diagnosis	ICD-10-CM
F80.0	Phonological disorder	Diagnosis	ICD-10-CM
F80.1	Expressive language disorder	Diagnosis	ICD-10-CM
F80.2	Mixed receptive-expressive language disorder	Diagnosis	ICD-10-CM
F80.4	Speech and language development delay due to hearing loss	Diagnosis	ICD-10-CM
F80.8	Other developmental disorders of speech and language	Diagnosis	ICD-10-CM
F80.81	Childhood onset fluency disorder	Diagnosis	ICD-10-CM
F80.82	Social pragmatic communication disorder	Diagnosis	ICD-10-CM
F80.89	Other developmental disorders of speech and language	Diagnosis	ICD-10-CM
F80.9	Developmental disorder of speech and language, unspecified	Diagnosis	ICD-10-CM
F81	Specific developmental disorders of scholastic skills	Diagnosis	ICD-10-CM
F81.0	Specific reading disorder	Diagnosis	ICD-10-CM
F81.2	Mathematics disorder	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F81.8	Other developmental disorders of scholastic skills	Diagnosis	ICD-10-CM
F81.81	Disorder of written expression	Diagnosis	ICD-10-CM
F81.89	Other developmental disorders of scholastic skills	Diagnosis	ICD-10-CM
F81.9	Developmental disorder of scholastic skills, unspecified	Diagnosis	ICD-10-CM
F82	Specific developmental disorder of motor function	Diagnosis	ICD-10-CM
F84	Pervasive developmental disorders	Diagnosis	ICD-10-CM
F84.0	Autistic disorder	Diagnosis	ICD-10-CM
F84.2	Rett's syndrome	Diagnosis	ICD-10-CM
F84.3	Other childhood disintegrative disorder	Diagnosis	ICD-10-CM
F84.5	Asperger's syndrome	Diagnosis	ICD-10-CM
F84.8	Other pervasive developmental disorders	Diagnosis	ICD-10-CM
F84.9	Pervasive developmental disorder, unspecified	Diagnosis	ICD-10-CM
F88	Other disorders of psychological development	Diagnosis	ICD-10-CM
F89	Unspecified disorder of psychological development	Diagnosis	ICD-10-CM
F90	Attention-deficit hyperactivity disorders	Diagnosis	ICD-10-CM
F90.0	Attention-deficit hyperactivity disorder, predominantly inattentive type	Diagnosis	ICD-10-CM
F90.1	Attention-deficit hyperactivity disorder, predominantly hyperactive type	Diagnosis	ICD-10-CM
F90.2	Attention-deficit hyperactivity disorder, combined type	Diagnosis	ICD-10-CM
F90.8	Attention-deficit hyperactivity disorder, other type	Diagnosis	ICD-10-CM
F90.9	Attention-deficit hyperactivity disorder, unspecified type	Diagnosis	ICD-10-CM
F91	Conduct disorders	Diagnosis	ICD-10-CM
F91.0	Conduct disorder confined to family context	Diagnosis	ICD-10-CM
F91.1	Conduct disorder, childhood-onset type	Diagnosis	ICD-10-CM
F91.2	Conduct disorder, adolescent-onset type	Diagnosis	ICD-10-CM
F91.3	Oppositional defiant disorder	Diagnosis	ICD-10-CM
F91.8	Other conduct disorders	Diagnosis	ICD-10-CM
F91.9	Conduct disorder, unspecified	Diagnosis	ICD-10-CM
F93	Emotional disorders with onset specific to childhood	Diagnosis	ICD-10-CM
F93.0	Separation anxiety disorder of childhood	Diagnosis	ICD-10-CM
F93.8	Other childhood emotional disorders	Diagnosis	ICD-10-CM
F93.9	Childhood emotional disorder, unspecified	Diagnosis	ICD-10-CM
F94	Disorders of social functioning with onset specific to childhood and	Diagnosis	ICD-10-CM
F94.0	Selective mutism	Diagnosis	ICD-10-CM
F94.1	Reactive attachment disorder of childhood	Diagnosis	ICD-10-CM
F94.2	Disinhibited attachment disorder of childhood	Diagnosis	ICD-10-CM
F94.8	Other childhood disorders of social functioning	Diagnosis	ICD-10-CM
F94.9	Childhood disorder of social functioning, unspecified	Diagnosis	ICD-10-CM
F95	Tic disorder	Diagnosis	ICD-10-CM
F95.0	Transient tic disorder	Diagnosis	ICD-10-CM
F95.1	Chronic motor or vocal tic disorder	Diagnosis	ICD-10-CM
F95.2	Tourette's disorder	Diagnosis	ICD-10-CM
F95.8	Other tic disorders	Diagnosis	ICD-10-CM
F95.9	Tic disorder, unspecified	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F98	Other behavioral and emotional disorders with onset usually occurring in childhood and adolescence	Diagnosis	ICD-10-CM
F98.0	Enuresis not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F98.1	Encopresis not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F98.2	Other feeding disorders of infancy and childhood	Diagnosis	ICD-10-CM
F98.21	Rumination disorder of infancy	Diagnosis	ICD-10-CM
F98.29	Other feeding disorders of infancy and early childhood	Diagnosis	ICD-10-CM
F98.3	Pica of infancy and childhood	Diagnosis	ICD-10-CM
F98.4	Stereotyped movement disorders	Diagnosis	ICD-10-CM
F98.5	Adult onset fluency disorder	Diagnosis	ICD-10-CM
F98.8	Other specified behavioral and emotional disorders with onset usually occurring in childhood and adolescence	Diagnosis	ICD-10-CM
F98.9	Unspecified behavioral and emotional disorders with onset usually occurring in childhood and adolescence	Diagnosis	ICD-10-CM
F99	Mental disorder, not otherwise specified	Diagnosis	ICD-10-CM
G13.2	Systemic atrophy primarily affecting the central nervous system in myxedema	Diagnosis	ICD-10-CM
G13.8	Systemic atrophy primarily affecting central nervous system in other diseases classified elsewhere	Diagnosis	ICD-10-CM
G25.70	Drug induced movement disorder, unspecified	Diagnosis	ICD-10-CM
G25.71	Drug induced akathisia	Diagnosis	ICD-10-CM
G25.79	Other drug induced movement disorders	Diagnosis	ICD-10-CM
G25.89	Other specified extrapyramidal and movement disorders	Diagnosis	ICD-10-CM
G25.9	Extrapyramidal and movement disorder, unspecified	Diagnosis	ICD-10-CM
G26	Extrapyramidal and movement disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
G30.0	Alzheimer's disease with early onset	Diagnosis	ICD-10-CM
G30.1	Alzheimer's disease with late onset	Diagnosis	ICD-10-CM
G30.8	Other Alzheimer's disease	Diagnosis	ICD-10-CM
G30.9	Alzheimer's disease, unspecified	Diagnosis	ICD-10-CM
G31.01	Pick's disease	Diagnosis	ICD-10-CM
G31.09	Other frontotemporal dementia	Diagnosis	ICD-10-CM
G31.1	Senile degeneration of brain, not elsewhere classified	Diagnosis	ICD-10-CM
G31.2	Degeneration of nervous system due to alcohol	Diagnosis	ICD-10-CM
G31.81	Alpers disease	Diagnosis	ICD-10-CM
G31.82	Leigh's disease	Diagnosis	ICD-10-CM
G31.83	Dementia with Lewy bodies	Diagnosis	ICD-10-CM
G31.84	Mild cognitive impairment, so stated	Diagnosis	ICD-10-CM
G31.85	Corticobasal degeneration	Diagnosis	ICD-10-CM
G31.89	Other specified degenerative diseases of nervous system	Diagnosis	ICD-10-CM
G31.9	Degenerative disease of nervous system, unspecified	Diagnosis	ICD-10-CM
G44.209	Tension-type headache, unspecified, not intractable	Diagnosis	ICD-10-CM
G47	Sleep disorders	Diagnosis	ICD-10-CM
G47.0	Insomnia	Diagnosis	ICD-10-CM
G47.00	Insomnia, unspecified	Diagnosis	ICD-10-CM
G47.01	Insomnia due to medical condition	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
G47.09	Other insomnia	Diagnosis	ICD-10-CM
G47.1	Hypersomnia	Diagnosis	ICD-10-CM
G47.10	Hypersomnia, unspecified	Diagnosis	ICD-10-CM
G47.11	Idiopathic hypersomnia with long sleep time	Diagnosis	ICD-10-CM
G47.12	Idiopathic hypersomnia without long sleep time	Diagnosis	ICD-10-CM
G47.13	Recurrent hypersomnia	Diagnosis	ICD-10-CM
G47.14	Hypersomnia due to medical condition	Diagnosis	ICD-10-CM
G47.19	Other hypersomnia	Diagnosis	ICD-10-CM
G47.2	Circadian rhythm sleep disorders	Diagnosis	ICD-10-CM
G47.20	Circadian rhythm sleep disorder, unspecified type	Diagnosis	ICD-10-CM
G47.21	Circadian rhythm sleep disorder, delayed sleep phase type	Diagnosis	ICD-10-CM
G47.22	Circadian rhythm sleep disorder, advanced sleep phase type	Diagnosis	ICD-10-CM
G47.23	Circadian rhythm sleep disorder, irregular sleep wake type	Diagnosis	ICD-10-CM
G47.24	Circadian rhythm sleep disorder, free running type	Diagnosis	ICD-10-CM
G47.25	Circadian rhythm sleep disorder, jet lag type	Diagnosis	ICD-10-CM
G47.26	Circadian rhythm sleep disorder, shift work type	Diagnosis	ICD-10-CM
G47.27	Circadian rhythm sleep disorder in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.29	Other circadian rhythm sleep disorder	Diagnosis	ICD-10-CM
G47.3	Sleep apnea	Diagnosis	ICD-10-CM
G47.30	Sleep apnea, unspecified	Diagnosis	ICD-10-CM
G47.31	Primary central sleep apnea	Diagnosis	ICD-10-CM
G47.33	Obstructive sleep apnea (adult) (pediatric)	Diagnosis	ICD-10-CM
G47.34	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-10-CM
G47.35	Congenital central alveolar hypoventilation syndrome	Diagnosis	ICD-10-CM
G47.36	Sleep related hypoventilation in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.37	Central sleep apnea in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.39	Other sleep apnea	Diagnosis	ICD-10-CM
G47.4	Narcolepsy and cataplexy	Diagnosis	ICD-10-CM
G47.41	Narcolepsy	Diagnosis	ICD-10-CM
G47.411	Narcolepsy with cataplexy	Diagnosis	ICD-10-CM
G47.419	Narcolepsy without cataplexy	Diagnosis	ICD-10-CM
G47.42	Narcolepsy in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.421	Narcolepsy in conditions classified elsewhere with cataplexy	Diagnosis	ICD-10-CM
G47.429	Narcolepsy in conditions classified elsewhere without cataplexy	Diagnosis	ICD-10-CM
G47.5	Parasomnia	Diagnosis	ICD-10-CM
G47.50	Parasomnia, unspecified	Diagnosis	ICD-10-CM
G47.51	Confusional arousals	Diagnosis	ICD-10-CM
G47.52	REM sleep behavior disorder	Diagnosis	ICD-10-CM
G47.53	Recurrent isolated sleep paralysis	Diagnosis	ICD-10-CM
G47.54	Parasomnia in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.59	Other parasomnia	Diagnosis	ICD-10-CM
G47.6	Sleep related movement disorders	Diagnosis	ICD-10-CM
G47.61	Periodic limb movement disorder	Diagnosis	ICD-10-CM
G47.62	Sleep related leg cramps	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
G47.63	Sleep related bruxism	Diagnosis	ICD-10-CM
G47.69	Other sleep related movement disorders	Diagnosis	ICD-10-CM
G47.8	Other sleep disorders	Diagnosis	ICD-10-CM
G47.9	Sleep disorder, unspecified	Diagnosis	ICD-10-CM
G62.1	Alcoholic polyneuropathy	Diagnosis	ICD-10-CM
G91.0	Communicating hydrocephalus	Diagnosis	ICD-10-CM
G91.1	Obstructive hydrocephalus	Diagnosis	ICD-10-CM
G91.2	(Idiopathic) normal pressure hydrocephalus	Diagnosis	ICD-10-CM
G91.3	Post-traumatic hydrocephalus, unspecified	Diagnosis	ICD-10-CM
G91.4	Hydrocephalus in diseases classified elsewhere	Diagnosis	ICD-10-CM
G91.8	Other hydrocephalus	Diagnosis	ICD-10-CM
G91.9	Hydrocephalus, unspecified	Diagnosis	ICD-10-CM
G93.40	Encephalopathy, unspecified	Diagnosis	ICD-10-CM
G93.41	Metabolic encephalopathy	Diagnosis	ICD-10-CM
G93.49	Other encephalopathy	Diagnosis	ICD-10-CM
G93.7	Reye's syndrome	Diagnosis	ICD-10-CM
G93.89	Other specified disorders of brain	Diagnosis	ICD-10-CM
G93.9	Disorder of brain, unspecified	Diagnosis	ICD-10-CM
G94	Other disorders of brain in diseases classified elsewhere	Diagnosis	ICD-10-CM
GZ2ZZZZ	Crisis Intervention	Procedure	ICD-10-PCS
GZ50ZZZ	Individual Psychotherapy, Interactive	Procedure	ICD-10-PCS
GZ51ZZZ	Individual Psychotherapy, Behavioral	Procedure	ICD-10-PCS
GZ52ZZZ	Individual Psychotherapy, Cognitive	Procedure	ICD-10-PCS
GZ53ZZZ	Individual Psychotherapy, Interpersonal	Procedure	ICD-10-PCS
GZ54ZZZ	Individual Psychotherapy, Psychoanalysis	Procedure	ICD-10-PCS
GZ55ZZZ	Individual Psychotherapy, Psychodynamic	Procedure	ICD-10-PCS
GZ56ZZZ	Individual Psychotherapy, Supportive	Procedure	ICD-10-PCS
GZ58ZZZ	Individual Psychotherapy, Cognitive-Behavioral	Procedure	ICD-10-PCS
GZC9ZZZ	Biofeedback	Procedure	ICD-10-PCS
GZFZZZZ	Hypnosis	Procedure	ICD-10-PCS
GZHZZZZ	Group Psychotherapy	Procedure	ICD-10-PCS
H0005	Alcohol and/or drug services; group counseling by a clinician	Procedure	HCPCS
H0007	Alcohol and/or drug services; crisis intervention (outpatient)	Procedure	HCPCS
H0008	Alcohol and/or drug services; subacute detoxification (hospital inpatient)	Procedure	HCPCS
H0010	Alcohol and/or drug services; subacute detoxification (residential addiction program inpatient)	Procedure	HCPCS
H0011	Alcohol and/or drug services; acute detoxification (residential addiction program inpatient)	Procedure	HCPCS
H0012	Alcohol and/or drug services; subacute detoxification (residential addiction program outpatient)	Procedure	HCPCS
H0013	Alcohol and/or drug services; acute detoxification (residential addiction program outpatient)	Procedure	HCPCS
H0014	Alcohol and/or drug services; ambulatory detoxification	Procedure	HCPCS

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

Code	Description	Code Category	Code Type
H0015	Alcohol and/or drug services; intensive outpatient (treatment program that operates at least 3 hours/day and at least 3 days/week and is based on an individualized treatment plan), including assessment, counseling; crisis intervention, and activity therapies or education	Procedure	HCPCS
H0020	Alcohol and/or drug services; methadone administration and/or service (provision of the drug by a licensed program)	Procedure	HCPCS
H0022	Alcohol and/or drug intervention service (planned facilitation)	Procedure	HCPCS
H2035	Alcohol and/or other drug treatment program, per hour	Procedure	HCPCS
H2036	Alcohol and/or other drug treatment program, per diem	Procedure	HCPCS
H93.25	Central auditory processing disorder	Diagnosis	ICD-10-CM
HZ2ZZZZ	Detoxification Services for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ30ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ31ZZZ	Individual Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ32ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ33ZZZ	Individual Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ34ZZZ	Individual Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ35ZZZ	Individual Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ36ZZZ	Individual Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ37ZZZ	Individual Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ38ZZZ	Individual Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ39ZZZ	Individual Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ3BZZZ	Individual Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ40ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ41ZZZ	Group Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ42ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ43ZZZ	Group Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ44ZZZ	Group Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ45ZZZ	Group Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ46ZZZ	Group Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ47ZZZ	Group Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ48ZZZ	Group Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ49ZZZ	Group Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ4BZZZ	Group Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ50ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ51ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ52ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ53ZZZ	Individual Psychotherapy for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ54ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ55ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Interactive	Procedure	ICD-10-PCS
HZ56ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ57ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ58ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS

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

Code	Description	Code Category	Code Type
HZ59ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Supportive	Procedure	ICD-10-PCS
HZ5BZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychoanalysis	Procedure	ICD-10-PCS
HZ5CZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychodynamic	Procedure	ICD-10-PCS
HZ5DZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychophysiological	Procedure	ICD-10-PCS
HZ63ZZZ	Family Counseling for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ83ZZZ	Medication Management for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
HZ86ZZZ	Medication Management for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
HZ88ZZZ	Medication Management for Substance Abuse Treatment, Psychiatric Medication	Procedure	ICD-10-PCS
HZ89ZZZ	Medication Management for Substance Abuse Treatment, Other Replacement Medication	Procedure	ICD-10-PCS
HZ93ZZZ	Pharmacotherapy for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
HZ98ZZZ	Pharmacotherapy for Substance Abuse Treatment, Psychiatric Medication	Procedure	ICD-10-PCS
HZ99ZZZ	Pharmacotherapy for Substance Abuse Treatment, Other Replacement Medication	Procedure	ICD-10-PCS
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
I67.83	Posterior reversible encephalopathy syndrome	Diagnosis	ICD-10-CM
J0400	Injection, aripiprazole, intramuscular, 0.25 mg	Procedure	HCPCS
J0401	Injection, aripiprazole, extended release, 1 mg	Procedure	HCPCS
J0570	Buprenorphine implant, 74.2 mg	Procedure	HCPCS
J0571	Buprenorphine, oral, 1 mg	Procedure	HCPCS
J0572	Buprenorphine/naloxone, oral, less than or equal to 3 mg buprenorphine	Procedure	HCPCS
J0573	Buprenorphine/naloxone, oral, greater than 3 mg, but less than or equal to 6 mg buprenorphine	Procedure	HCPCS
J0574	Buprenorphine/naloxone, oral, greater than 6 mg, but less than or equal to 10 mg buprenorphine	Procedure	HCPCS
J0575	Buprenorphine/naloxone, oral, greater than 10 mg buprenorphine	Procedure	HCPCS
J0592	Injection, buprenorphine HCl, 0.1 mg	Procedure	HCPCS
J1230	Injection, methadone HCl, up to 10 mg	Procedure	HCPCS
J1320	Injection, amitriptyline HCl, up to 20 mg	Procedure	HCPCS
J1630	Injection, haloperidol, up to 5 mg	Procedure	HCPCS
J1631	Injection, haloperidol decanoate, per 50 mg	Procedure	HCPCS
J1790	Injection, droperidol, up to 5 mg	Procedure	HCPCS
J1810	Injection, droperidol and fentanyl citrate, up to 2 ml ampule	Procedure	HCPCS
J1942	Injection, aripiprazole lauroxil, 1 mg	Procedure	HCPCS
J1990	Injection, chlordiazepoxide HCl, up to 100 mg	Procedure	HCPCS
J2060	Injection, lorazepam, 2 mg	Procedure	HCPCS
J2062	Loxapine for inhalation, 1 mg	Procedure	HCPCS
J2212	Injection, methylnaltrexone, 0.1 mg	Procedure	HCPCS
J2315	Injection, naltrexone, depot form, 1 mg	Procedure	HCPCS
J2330	Injection, thiothixene, up to 4 mg	Procedure	HCPCS
J2358	Injection, olanzapine, long-acting, 1 mg	Procedure	HCPCS
J2426	Injection, paliperidone palmitate extended release, 1 mg	Procedure	HCPCS

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

Code	Description	Code Category	Code Type
J2515	Injection, pentobarbital sodium, per 50 mg	Procedure	HCPCS
J2680	Injection, fluphenazine decanoate, up to 25 mg	Procedure	HCPCS
J2794	Injection, risperidone (RISPERDAL CONSTA), 0.5 mg	Procedure	HCPCS
J3230	Injection, chlorpromazine HCl, up to 50 mg	Procedure	HCPCS
J3270	Injection, imipramine hcl, up to 25 mg	Procedure	HCPCS
J3310	Injection, perphenazine, up to 5 mg	Procedure	HCPCS
J3360	Injection, diazepam, up to 5 mg	Procedure	HCPCS
J3486	Injection, ziprasidone mesylate, 10 mg	Procedure	HCPCS
K29.2	Alcoholic gastritis	Diagnosis	ICD-10-CM
K29.20	Alcoholic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.21	Alcoholic gastritis with bleeding	Diagnosis	ICD-10-CM
K70.0	Alcoholic fatty liver	Diagnosis	ICD-10-CM
K70.10	Alcoholic hepatitis without ascites	Diagnosis	ICD-10-CM
K70.11	Alcoholic hepatitis with ascites	Diagnosis	ICD-10-CM
K70.2	Alcoholic fibrosis and sclerosis of liver	Diagnosis	ICD-10-CM
K70.30	Alcoholic cirrhosis of liver without ascites	Diagnosis	ICD-10-CM
K70.31	Alcoholic cirrhosis of liver with ascites	Diagnosis	ICD-10-CM
K70.40	Alcoholic hepatic failure without coma	Diagnosis	ICD-10-CM
K70.41	Alcoholic hepatic failure with coma	Diagnosis	ICD-10-CM
K70.9	Alcoholic liver disease, unspecified	Diagnosis	ICD-10-CM
L8679	Implantable neurostimulator, pulse generator, any type	Procedure	HCPCS
L8680	Implantable neurostimulator electrode, each	Procedure	HCPCS
L8681	Patient programmer (external) for use with implantable programmable neurostimulator pulse generator, replacement only	Procedure	HCPCS
L8682	Implantable neurostimulator radiofrequency receiver	Procedure	HCPCS
L8683	Radiofrequency transmitter (external) for use with implantable neurostimulator radiofrequency receiver	Procedure	HCPCS
L8685	Implantable neurostimulator pulse generator, single array, rechargeable, includes extension	Procedure	HCPCS
L8686	Implantable neurostimulator pulse generator, single array, nonrechargeable, includes extension	Procedure	HCPCS
L8687	Implantable neurostimulator pulse generator, dual array, rechargeable, includes extension	Procedure	HCPCS
L8688	Implantable neurostimulator pulse generator, dual array, nonrechargeable, includes extension	Procedure	HCPCS
L8689	External recharging system for battery (internal) for use with implantable neurostimulator, replacement only	Procedure	HCPCS
M1A.10X0	Lead-induced chronic gout, unspecified site, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.10X1	Lead-induced chronic gout, unspecified site, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1110	Lead-induced chronic gout, right shoulder, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1111	Lead-induced chronic gout, right shoulder, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1120	Lead-induced chronic gout, left shoulder, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1121	Lead-induced chronic gout, left shoulder, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1190	Lead-induced chronic gout, unspecified shoulder, without tophus (tophi)	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
M1A.1191	Lead-induced chronic gout, unspecified shoulder, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1210	Lead-induced chronic gout, right elbow, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1211	Lead-induced chronic gout, right elbow, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1220	Lead-induced chronic gout, left elbow, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1221	Lead-induced chronic gout, left elbow, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1290	Lead-induced chronic gout, unspecified elbow, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1291	Lead-induced chronic gout, unspecified elbow, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1310	Lead-induced chronic gout, right wrist, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1311	Lead-induced chronic gout, right wrist, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1320	Lead-induced chronic gout, left wrist, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1321	Lead-induced chronic gout, left wrist, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1390	Lead-induced chronic gout, unspecified wrist, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1391	Lead-induced chronic gout, unspecified wrist, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1410	Lead-induced chronic gout, right hand, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1411	Lead-induced chronic gout, right hand, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1420	Lead-induced chronic gout, left hand, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1421	Lead-induced chronic gout, left hand, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1490	Lead-induced chronic gout, unspecified hand, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1491	Lead-induced chronic gout, unspecified hand, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1510	Lead-induced chronic gout, right hip, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1511	Lead-induced chronic gout, right hip, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1520	Lead-induced chronic gout, left hip, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1521	Lead-induced chronic gout, left hip, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1590	Lead-induced chronic gout, unspecified hip, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1591	Lead-induced chronic gout, unspecified hip, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1610	Lead-induced chronic gout, right knee, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1611	Lead-induced chronic gout, right knee, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1620	Lead-induced chronic gout, left knee, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1621	Lead-induced chronic gout, left knee, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1690	Lead-induced chronic gout, unspecified knee, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1691	Lead-induced chronic gout, unspecified knee, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1710	Lead-induced chronic gout, right ankle and foot, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1711	Lead-induced chronic gout, right ankle and foot, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1720	Lead-induced chronic gout, left ankle and foot, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1721	Lead-induced chronic gout, left ankle and foot, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1790	Lead-induced chronic gout, unspecified ankle and foot, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1791	Lead-induced chronic gout, unspecified ankle and foot, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.18X0	Lead-induced chronic gout, vertebrae, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.18X1	Lead-induced chronic gout, vertebrae, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.19X0	Lead-induced chronic gout, multiple sites, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.19X1	Lead-induced chronic gout, multiple sites, with tophus (tophi)	Diagnosis	ICD-10-CM
O35.5XX0	Maternal care for (suspected) damage to fetus by drugs, not applicable or unspecified	Diagnosis	ICD-10-CM
O35.5XX1	Maternal care for (suspected) damage to fetus by drugs, fetus 1	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
O35.5XX2	Maternal care for (suspected) damage to fetus by drugs, fetus 2	Diagnosis	ICD-10-CM
O35.5XX3	Maternal care for (suspected) damage to fetus by drugs, fetus 3	Diagnosis	ICD-10-CM
O35.5XX4	Maternal care for (suspected) damage to fetus by drugs, fetus 4	Diagnosis	ICD-10-CM
O35.5XX5	Maternal care for (suspected) damage to fetus by drugs, fetus 5	Diagnosis	ICD-10-CM
O35.5XX9	Maternal care for (suspected) damage to fetus by drugs, other fetus	Diagnosis	ICD-10-CM
O90.6	Postpartum mood disturbance	Diagnosis	ICD-10-CM
O99.310	Alcohol use complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.311	Alcohol use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.312	Alcohol use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.313	Alcohol use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.314	Alcohol use complicating childbirth	Diagnosis	ICD-10-CM
O99.315	Alcohol use complicating the puerperium	Diagnosis	ICD-10-CM
O99.320	Drug use complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.321	Drug use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.322	Drug use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.323	Drug use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.324	Drug use complicating childbirth	Diagnosis	ICD-10-CM
O99.325	Drug use complicating the puerperium	Diagnosis	ICD-10-CM
Q9991	Injection, buprenorphine extended-release (Sublocade), less than or equal to 100 mg	Procedure	HCPCS
Q9992	Injection, buprenorphine extended-release (Sublocade), greater than 100 mg	Procedure	HCPCS
R37	Sexual dysfunction, unspecified	Diagnosis	ICD-10-CM
R44.0	Auditory hallucinations	Diagnosis	ICD-10-CM
R44.2	Other hallucinations	Diagnosis	ICD-10-CM
R44.3	Hallucinations, unspecified	Diagnosis	ICD-10-CM
R45.1	Restlessness and agitation	Diagnosis	ICD-10-CM
R45.2	Unhappiness	Diagnosis	ICD-10-CM
R45.3	Demoralization and apathy	Diagnosis	ICD-10-CM
R45.4	Irritability and anger	Diagnosis	ICD-10-CM
R45.5	Hostility	Diagnosis	ICD-10-CM
R45.6	Violent behavior	Diagnosis	ICD-10-CM
R45.7	State of emotional shock and stress, unspecified	Diagnosis	ICD-10-CM
R45.81	Low self-esteem	Diagnosis	ICD-10-CM
R45.82	Worries	Diagnosis	ICD-10-CM
R45.83	Excessive crying of child, adolescent or adult	Diagnosis	ICD-10-CM
R45.84	Anhedonia	Diagnosis	ICD-10-CM
R45.850	Homicidal ideations	Diagnosis	ICD-10-CM
R45.851	Suicidal ideations	Diagnosis	ICD-10-CM
R45.86	Emotional lability	Diagnosis	ICD-10-CM
R45.89	Other symptoms and signs involving emotional state	Diagnosis	ICD-10-CM
R46.0	Very low level of personal hygiene	Diagnosis	ICD-10-CM
R46.1	Bizarre personal appearance	Diagnosis	ICD-10-CM
R46.2	Strange and inexplicable behavior	Diagnosis	ICD-10-CM
R46.3	Overactivity	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
R46.4	Slowness and poor responsiveness	Diagnosis	ICD-10-CM
R46.5	Suspiciousness and marked evasiveness	Diagnosis	ICD-10-CM
R46.6	Undue concern and preoccupation with stressful events	Diagnosis	ICD-10-CM
R46.7	Verbosity and circumstantial detail obscuring reason for contact	Diagnosis	ICD-10-CM
R46.81	Obsessive-compulsive behavior	Diagnosis	ICD-10-CM
R46.89	Other symptoms and signs involving appearance and behavior	Diagnosis	ICD-10-CM
R48.0	Dyslexia and alexia	Diagnosis	ICD-10-CM
S0109	Methadone, oral, 5 mg	Procedure	HCPCS
S0136	Clozapine, 25 mg	Procedure	HCPCS
S0160	Dextroamphetamine sulfate, 5 mg	Procedure	HCPCS
S0163	Injection, risperidone, long acting, 12.5 mg	Procedure	HCPCS
S0166	Injection, olanzapine, 2.5 mg	Procedure	HCPCS
T1006	Alcohol and/or substance abuse services, family/couple counseling	Procedure	HCPCS
T1007	Alcohol and/or substance abuse services, treatment plan development and/or modification	Procedure	HCPCS
T1008	Day treatment for individual alcohol and/or substance abuse services	Procedure	HCPCS
T1010	Meals for individuals receiving alcohol and/or substance abuse services (when meals not included in the program)	Procedure	HCPCS
T1012	Alcohol and/or substance abuse services, skills development	Procedure	HCPCS
T14.91	Suicide attempt	Diagnosis	ICD-10-CM
T14.91XA	Suicide attempt, initial encounter	Diagnosis	ICD-10-CM
T14.91XD	Suicide attempt, subsequent encounter	Diagnosis	ICD-10-CM
T14.91XS	Suicide attempt, sequela	Diagnosis	ICD-10-CM
T36.0X1A	Poisoning by penicillins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.0X2	Poisoning by penicillins, intentional self-harm	Diagnosis	ICD-10-CM
T36.0X2A	Poisoning by penicillins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.0X2D	Poisoning by penicillins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.0X2S	Poisoning by penicillins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.0X3A	Poisoning by penicillins, assault, initial encounter	Diagnosis	ICD-10-CM
T36.0X4A	Poisoning by penicillins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.1X1A	Poisoning by cephalosporins and other beta-lactam antibiotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.1X2	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm	Diagnosis	ICD-10-CM
T36.1X2A	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.1X2D	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.1X2S	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.1X3A	Poisoning by cephalosporins and other beta-lactam antibiotics, assault, initial encounter	Diagnosis	ICD-10-CM
T36.1X4A	Poisoning by cephalosporins and other beta-lactam antibiotics, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T36.2X1A	Poisoning by chloramphenicol group, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.2X2	Poisoning by chloramphenicol group, intentional self-harm	Diagnosis	ICD-10-CM
T36.2X2A	Poisoning by chloramphenicol group, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.2X2D	Poisoning by chloramphenicol group, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.2X2S	Poisoning by chloramphenicol group, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.2X3A	Poisoning by chloramphenicol group, assault, initial encounter	Diagnosis	ICD-10-CM
T36.2X4A	Poisoning by chloramphenicol group, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.3X1A	Poisoning by macrolides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.3X2	Poisoning by macrolides, intentional self-harm	Diagnosis	ICD-10-CM
T36.3X2A	Poisoning by macrolides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.3X2D	Poisoning by macrolides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.3X2S	Poisoning by macrolides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.3X3A	Poisoning by macrolides, assault, initial encounter	Diagnosis	ICD-10-CM
T36.3X4A	Poisoning by macrolides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.4X1A	Poisoning by tetracyclines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.4X2	Poisoning by tetracyclines, intentional self-harm	Diagnosis	ICD-10-CM
T36.4X2A	Poisoning by tetracyclines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.4X2D	Poisoning by tetracyclines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.4X2S	Poisoning by tetracyclines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.4X3A	Poisoning by tetracyclines, assault, initial encounter	Diagnosis	ICD-10-CM
T36.4X4A	Poisoning by tetracyclines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.5X1A	Poisoning by aminoglycosides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.5X2	Poisoning by aminoglycosides, intentional self-harm	Diagnosis	ICD-10-CM
T36.5X2A	Poisoning by aminoglycosides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.5X2D	Poisoning by aminoglycosides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.5X2S	Poisoning by aminoglycosides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.5X3A	Poisoning by aminoglycosides, assault, initial encounter	Diagnosis	ICD-10-CM
T36.5X4A	Poisoning by aminoglycosides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.6X1A	Poisoning by rifampicins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.6X2	Poisoning by rifampicins, intentional self-harm	Diagnosis	ICD-10-CM
T36.6X2A	Poisoning by rifampicins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.6X2D	Poisoning by rifampicins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.6X2S	Poisoning by rifampicins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.6X3A	Poisoning by rifampicins, assault, initial encounter	Diagnosis	ICD-10-CM
T36.6X4A	Poisoning by rifampicins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.7X1A	Poisoning by antifungal antibiotics, systemically used, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.7X2	Poisoning by antifungal antibiotics, systemically used, intentional self-harm	Diagnosis	ICD-10-CM
T36.7X2A	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.7X2D	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T36.7X2S	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.7X3A	Poisoning by antifungal antibiotics, systemically used, assault, initial encounter	Diagnosis	ICD-10-CM
T36.7X4A	Poisoning by antifungal antibiotics, systemically used, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.8X1A	Poisoning by other systemic antibiotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.8X2	Poisoning by other systemic antibiotics, intentional self-harm	Diagnosis	ICD-10-CM
T36.8X2A	Poisoning by other systemic antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.8X2D	Poisoning by other systemic antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.8X2S	Poisoning by other systemic antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.8X3A	Poisoning by other systemic antibiotics, assault, initial encounter	Diagnosis	ICD-10-CM
T36.8X4A	Poisoning by other systemic antibiotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.91XA	Poisoning by unspecified systemic antibiotic, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.92	Poisoning by unspecified systemic antibiotic, intentional self-harm	Diagnosis	ICD-10-CM
T36.92XA	Poisoning by unspecified systemic antibiotic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.92XD	Poisoning by unspecified systemic antibiotic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.92XS	Poisoning by unspecified systemic antibiotic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.93XA	Poisoning by unspecified systemic antibiotic, assault, initial encounter	Diagnosis	ICD-10-CM
T36.94XA	Poisoning by unspecified systemic antibiotic, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.0X1A	Poisoning by sulfonamides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.0X2	Poisoning by sulfonamides, intentional self-harm	Diagnosis	ICD-10-CM
T37.0X2A	Poisoning by sulfonamides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.0X2D	Poisoning by sulfonamides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.0X2S	Poisoning by sulfonamides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.0X3A	Poisoning by sulfonamides, assault, initial encounter	Diagnosis	ICD-10-CM
T37.0X4A	Poisoning by sulfonamides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.1X1A	Poisoning by antimycobacterial drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.1X2	Poisoning by antimycobacterial drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.1X2A	Poisoning by antimycobacterial drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.1X2D	Poisoning by antimycobacterial drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.1X2S	Poisoning by antimycobacterial drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.1X3A	Poisoning by antimycobacterial drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T37.1X4A	Poisoning by antimycobacterial drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.2X1A	Poisoning by antimalarials and drugs acting on other blood protozoa, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.2X2	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T37.2X2A	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.2X2D	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.2X2S	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.2X3A	Poisoning by antimalarials and drugs acting on other blood protozoa, assault, initial encounter	Diagnosis	ICD-10-CM
T37.2X4A	Poisoning by antimalarials and drugs acting on other blood protozoa, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.3X1A	Poisoning by other antiprotozoal drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.3X2	Poisoning by other antiprotozoal drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.3X2A	Poisoning by other antiprotozoal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.3X2D	Poisoning by other antiprotozoal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.3X2S	Poisoning by other antiprotozoal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.3X3A	Poisoning by other antiprotozoal drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T37.3X4A	Poisoning by other antiprotozoal drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.4X1A	Poisoning by anthelmintics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.4X2	Poisoning by anthelmintics, intentional self-harm	Diagnosis	ICD-10-CM
T37.4X2A	Poisoning by anthelmintics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.4X2D	Poisoning by anthelmintics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.4X2S	Poisoning by anthelmintics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.4X3A	Poisoning by anthelmintics, assault, initial encounter	Diagnosis	ICD-10-CM
T37.4X4A	Poisoning by anthelmintics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.5X1A	Poisoning by antiviral drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.5X2	Poisoning by antiviral drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.5X2A	Poisoning by antiviral drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.5X2D	Poisoning by antiviral drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.5X2S	Poisoning by antiviral drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.5X3A	Poisoning by antiviral drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T37.5X4A	Poisoning by antiviral drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.8X1A	Poisoning by other specified systemic anti-infectives and antiparasitics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.8X2	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm	Diagnosis	ICD-10-CM
T37.8X2A	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.8X2D	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.8X2S	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T37.8X3A	Poisoning by other specified systemic anti-infectives and antiparasitics, assault, initial encounter	Diagnosis	ICD-10-CM
T37.8X4A	Poisoning by other specified systemic anti-infectives and antiparasitics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.91XA	Poisoning by unspecified systemic anti-infective and antiparasitics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.92	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm	Diagnosis	ICD-10-CM
T37.92XA	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.92XD	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.92XS	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.93XA	Poisoning by unspecified systemic anti-infective and antiparasitics, assault, initial encounter	Diagnosis	ICD-10-CM
T37.94XA	Poisoning by unspecified systemic anti-infective and antiparasitics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.0X1A	Poisoning by glucocorticoids and synthetic analogues, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.0X2	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm	Diagnosis	ICD-10-CM
T38.0X2A	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.0X2D	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.0X2S	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.0X3A	Poisoning by glucocorticoids and synthetic analogues, assault, initial encounter	Diagnosis	ICD-10-CM
T38.0X4A	Poisoning by glucocorticoids and synthetic analogues, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.1X1A	Poisoning by thyroid hormones and substitutes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.1X2	Poisoning by thyroid hormones and substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.1X2A	Poisoning by thyroid hormones and substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.1X2D	Poisoning by thyroid hormones and substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.1X2S	Poisoning by thyroid hormones and substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.1X3A	Poisoning by thyroid hormones and substitutes, assault, initial encounter	Diagnosis	ICD-10-CM
T38.1X4A	Poisoning by thyroid hormones and substitutes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.2X1A	Poisoning by antithyroid drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.2X2	Poisoning by antithyroid drugs, intentional self-harm	Diagnosis	ICD-10-CM
T38.2X2A	Poisoning by antithyroid drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T38.2X2D	Poisoning by antithyroid drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.2X2S	Poisoning by antithyroid drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.2X3A	Poisoning by antithyroid drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T38.2X4A	Poisoning by antithyroid drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.3X1A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.3X2	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm	Diagnosis	ICD-10-CM
T38.3X2A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.3X2D	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.3X2S	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.3X3A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T38.3X4A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.4X1A	Poisoning by oral contraceptives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.4X2	Poisoning by oral contraceptives, intentional self-harm	Diagnosis	ICD-10-CM
T38.4X2A	Poisoning by oral contraceptives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.4X2D	Poisoning by oral contraceptives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.4X2S	Poisoning by oral contraceptives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.4X3A	Poisoning by oral contraceptives, assault, initial encounter	Diagnosis	ICD-10-CM
T38.4X4A	Poisoning by oral contraceptives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.5X1A	Poisoning by other estrogens and progestogens, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.5X2	Poisoning by other estrogens and progestogens, intentional self-harm	Diagnosis	ICD-10-CM
T38.5X2A	Poisoning by other estrogens and progestogens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.5X2D	Poisoning by other estrogens and progestogens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.5X2S	Poisoning by other estrogens and progestogens, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.5X3A	Poisoning by other estrogens and progestogens, assault, initial encounter	Diagnosis	ICD-10-CM
T38.5X4A	Poisoning by other estrogens and progestogens, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.6X1A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.6X2	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T38.6X2A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.6X2D	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T38.6X2S	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.6X3A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, assault, initial encounter	Diagnosis	ICD-10-CM
T38.6X4A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.7X1A	Poisoning by androgens and anabolic congeners, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.7X2	Poisoning by androgens and anabolic congeners, intentional self-harm	Diagnosis	ICD-10-CM
T38.7X2A	Poisoning by androgens and anabolic congeners, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.7X2D	Poisoning by androgens and anabolic congeners, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.7X2S	Poisoning by androgens and anabolic congeners, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.7X3A	Poisoning by androgens and anabolic congeners, assault, initial encounter	Diagnosis	ICD-10-CM
T38.7X4A	Poisoning by androgens and anabolic congeners, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.801A	Poisoning by unspecified hormones and synthetic substitutes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.802	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.802A	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.802D	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.802S	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.803A	Poisoning by unspecified hormones and synthetic substitutes, assault, initial encounter	Diagnosis	ICD-10-CM
T38.804A	Poisoning by unspecified hormones and synthetic substitutes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.811A	Poisoning by anterior pituitary [adenohypophyseal] hormones, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.812	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm	Diagnosis	ICD-10-CM
T38.812A	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.812D	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.812S	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.813A	Poisoning by anterior pituitary [adenohypophyseal] hormones, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T38.814A	Poisoning by anterior pituitary [adenohypophyseal] hormones, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.891A	Poisoning by other hormones and synthetic substitutes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.892	Poisoning by other hormones and synthetic substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.892A	Poisoning by other hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.892D	Poisoning by other hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.892S	Poisoning by other hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.893A	Poisoning by other hormones and synthetic substitutes, assault, initial encounter	Diagnosis	ICD-10-CM
T38.894A	Poisoning by other hormones and synthetic substitutes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.901A	Poisoning by unspecified hormone antagonists, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.902	Poisoning by unspecified hormone antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T38.902A	Poisoning by unspecified hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.902D	Poisoning by unspecified hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.902S	Poisoning by unspecified hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.903A	Poisoning by unspecified hormone antagonists, assault, initial encounter	Diagnosis	ICD-10-CM
T38.904A	Poisoning by unspecified hormone antagonists, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.991A	Poisoning by other hormone antagonists, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.992	Poisoning by other hormone antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T38.992A	Poisoning by other hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.992D	Poisoning by other hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.992S	Poisoning by other hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.993A	Poisoning by other hormone antagonists, assault, initial encounter	Diagnosis	ICD-10-CM
T38.994A	Poisoning by other hormone antagonists, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.011A	Poisoning by aspirin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.012	Poisoning by aspirin, intentional self-harm	Diagnosis	ICD-10-CM
T39.012A	Poisoning by aspirin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.012D	Poisoning by aspirin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.012S	Poisoning by aspirin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.013A	Poisoning by aspirin, assault, initial encounter	Diagnosis	ICD-10-CM
T39.014A	Poisoning by aspirin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.091A	Poisoning by salicylates, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.092	Poisoning by salicylates, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T39.092A	Poisoning by salicylates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.092D	Poisoning by salicylates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.092S	Poisoning by salicylates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.093A	Poisoning by salicylates, assault, initial encounter	Diagnosis	ICD-10-CM
T39.094A	Poisoning by salicylates, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.1X1A	Poisoning by 4-Aminophenol derivatives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.1X2	Poisoning by 4-Aminophenol derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.1X2A	Poisoning by 4-Aminophenol derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.1X2D	Poisoning by 4-Aminophenol derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.1X2S	Poisoning by 4-Aminophenol derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.1X3A	Poisoning by 4-Aminophenol derivatives, assault, initial encounter	Diagnosis	ICD-10-CM
T39.1X4A	Poisoning by 4-Aminophenol derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.2X1A	Poisoning by pyrazolone derivatives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.2X2	Poisoning by pyrazolone derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.2X2A	Poisoning by pyrazolone derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.2X2D	Poisoning by pyrazolone derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.2X2S	Poisoning by pyrazolone derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.2X3A	Poisoning by pyrazolone derivatives, assault, initial encounter	Diagnosis	ICD-10-CM
T39.2X4A	Poisoning by pyrazolone derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.311A	Poisoning by propionic acid derivatives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.312	Poisoning by propionic acid derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.312A	Poisoning by propionic acid derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.312D	Poisoning by propionic acid derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.312S	Poisoning by propionic acid derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.313A	Poisoning by propionic acid derivatives, assault, initial encounter	Diagnosis	ICD-10-CM
T39.314A	Poisoning by propionic acid derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.391A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.392	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm	Diagnosis	ICD-10-CM
T39.392A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.392D	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.392S	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.393A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T39.394A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.4X1A	Poisoning by antirheumatics, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.4X2	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T39.4X2A	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.4X2D	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.4X2S	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.4X3A	Poisoning by antirheumatics, not elsewhere classified, assault, initial	Diagnosis	ICD-10-CM
T39.4X4A	Poisoning by antirheumatics, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.8X1A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.8X2	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T39.8X2A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.8X2D	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.8X2S	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.8X3A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, assault, initial encounter	Diagnosis	ICD-10-CM
T39.8X4A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.91XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.92	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm	Diagnosis	ICD-10-CM
T39.92XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.92XD	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.92XS	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.93XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, assault, initial encounter	Diagnosis	ICD-10-CM
T39.94XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.0X1D	Poisoning by opium, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T40.0X1S	Poisoning by opium, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.0X2	Poisoning by opium, intentional self-harm	Diagnosis	ICD-10-CM
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.0X3A	Poisoning by opium, assault, initial encounter	Diagnosis	ICD-10-CM
T40.0X3D	Poisoning by opium, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X3S	Poisoning by opium, assault, sequela	Diagnosis	ICD-10-CM
T40.0X4A	Poisoning by opium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X4D	Poisoning by opium, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X4S	Poisoning by opium, undetermined, sequela	Diagnosis	ICD-10-CM
T40.0X5A	Adverse effect of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X5D	Adverse effect of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X5S	Adverse effect of opium, sequela	Diagnosis	ICD-10-CM
T40.0X6A	Underdosing of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X6D	Underdosing of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X6S	Underdosing of opium, sequela	Diagnosis	ICD-10-CM
T40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.1X2	Poisoning by heroin, intentional self-harm	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
T40.1X5A	Adverse effect of heroin, initial encounter	Diagnosis	ICD-10-CM
T40.1X5D	Adverse effect of heroin, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X5S	Adverse effect of heroin, sequela	Diagnosis	ICD-10-CM
T40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.2X2	Poisoning by other opioids, intentional self-harm	Diagnosis	ICD-10-CM
T40.2X2A	Poisoning by other opioids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.2X2D	Poisoning by other opioids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X2S	Poisoning by other opioids, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.2X3A	Poisoning by other opioids, assault, initial encounter	Diagnosis	ICD-10-CM
T40.2X4A	Poisoning by other opioids, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.3X2	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

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

Code	Description	Code Category	Code Type
T40.3X2S	Poisoning by methadone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.3X3A	Poisoning by methadone, assault, initial encounter	Diagnosis	ICD-10-CM
T40.3X4A	Poisoning by methadone, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.412	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 encounter	Diagnosis	ICD-10-CM
T40.412S	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela	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
T40.492	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.492A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.492D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.492S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.4X1A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.4X2	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.4X3A	Poisoning by other synthetic narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.4X4A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.5X1A	Poisoning by cocaine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.5X1D	Poisoning by cocaine, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.5X1S	Poisoning by cocaine, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.5X2	Poisoning by cocaine, intentional self-harm	Diagnosis	ICD-10-CM
T40.5X2A	Poisoning by cocaine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.5X2D	Poisoning by cocaine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X2S	Poisoning by cocaine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.5X3A	Poisoning by cocaine, assault, initial encounter	Diagnosis	ICD-10-CM
T40.5X3D	Poisoning by cocaine, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X3S	Poisoning by cocaine, assault, sequela	Diagnosis	ICD-10-CM
T40.5X4A	Poisoning by cocaine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.5X4D	Poisoning by cocaine, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X4S	Poisoning by cocaine, undetermined, sequela	Diagnosis	ICD-10-CM
T40.5X5A	Adverse effect of cocaine, initial encounter	Diagnosis	ICD-10-CM
T40.5X5D	Adverse effect of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X5S	Adverse effect of cocaine, sequela	Diagnosis	ICD-10-CM
T40.5X6A	Underdosing of cocaine, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T40.5X6D	Underdosing of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X6S	Underdosing of cocaine, sequela	Diagnosis	ICD-10-CM
T40.601A	Poisoning by unspecified narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.602	Poisoning by unspecified narcotics, intentional self-harm	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	Diagnosis	ICD-10-CM
T40.602S	Poisoning by unspecified narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.603A	Poisoning by unspecified narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.604A	Poisoning by unspecified narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.692	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
T40.693A	Poisoning by other narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.694A	Poisoning by other narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.712	Poisoning by cannabis, intentional self-harm	Diagnosis	ICD-10-CM
T40.712A	Poisoning by cannabis, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.712D	Poisoning by cannabis, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.712S	Poisoning by cannabis, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.722	Poisoning by synthetic cannabinoids, intentional self-harm	Diagnosis	ICD-10-CM
T40.722A	Poisoning by synthetic cannabinoids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.722D	Poisoning by synthetic cannabinoids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.722S	Poisoning by synthetic cannabinoids, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.7X1A	Poisoning by cannabis (derivatives), accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.7X1D	Poisoning by cannabis (derivatives), accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X1S	Poisoning by cannabis (derivatives), accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.7X2	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
T40.7X2D	Poisoning by cannabis (derivatives), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X2S	Poisoning by cannabis (derivatives), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.7X3A	Poisoning by cannabis (derivatives), assault, initial encounter	Diagnosis	ICD-10-CM
T40.7X3D	Poisoning by cannabis (derivatives), assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X3S	Poisoning by cannabis (derivatives), assault, sequela	Diagnosis	ICD-10-CM
T40.7X4A	Poisoning by cannabis (derivatives), undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.7X4D	Poisoning by cannabis (derivatives), undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X4S	Poisoning by cannabis (derivatives), undetermined, sequela	Diagnosis	ICD-10-CM
T40.7X5A	Adverse effect of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM
T40.7X5D	Adverse effect of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X5S	Adverse effect of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
T40.7X6A	Underdosing of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T40.7X6D	Underdosing of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X6S	Underdosing of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
T40.8X1A	Poisoning by lysergide [LSD], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.8X1D	Poisoning by lysergide [LSD], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.8X1S	Poisoning by lysergide [LSD], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.8X2	Poisoning by lysergide [LSD], intentional self-harm	Diagnosis	ICD-10-CM
T40.8X2A	Poisoning by lysergide [LSD], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.8X2D	Poisoning by lysergide [LSD], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X2S	Poisoning by lysergide [LSD], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.8X3A	Poisoning by lysergide [LSD], assault, initial encounter	Diagnosis	ICD-10-CM
T40.8X3D	Poisoning by lysergide [LSD], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X3S	Poisoning by lysergide [LSD], assault, sequela	Diagnosis	ICD-10-CM
T40.8X4A	Poisoning by lysergide [LSD], undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.8X4D	Poisoning by lysergide [LSD], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X4S	Poisoning by lysergide [LSD], undetermined, sequela	Diagnosis	ICD-10-CM
T40.8X5A	Adverse effect of lysergide [LSD], initial encounter	Diagnosis	ICD-10-CM
T40.8X5D	Adverse effect of lysergide [LSD], subsequent encounter	Diagnosis	ICD-10-CM
T40.8X5S	Adverse effect of lysergide [LSD], sequela	Diagnosis	ICD-10-CM
T40.901A	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.901D	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.901S	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.902	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-	Diagnosis	ICD-10-CM
T40.902A	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.902D	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.902S	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.903A	Poisoning by unspecified psychodysleptics [hallucinogens], assault, initial encounter	Diagnosis	ICD-10-CM
T40.903D	Poisoning by unspecified psychodysleptics [hallucinogens], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.903S	Poisoning by unspecified psychodysleptics [hallucinogens], assault, sequela	Diagnosis	ICD-10-CM
T40.904A	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.904D	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.904S	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, sequela	Diagnosis	ICD-10-CM
T40.905A	Adverse effect of unspecified psychodysleptics [hallucinogens], initial	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T40.905D	Adverse effect of unspecified psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.905S	Adverse effect of unspecified psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.906A	Underdosing of unspecified psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.906D	Underdosing of unspecified psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.906S	Underdosing of unspecified psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.991A	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.991D	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.991S	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.992	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm	Diagnosis	ICD-10-CM
T40.992A	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.992D	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.992S	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.993A	Poisoning by other psychodysleptics [hallucinogens], assault, initial encounter	Diagnosis	ICD-10-CM
T40.993D	Poisoning by other psychodysleptics [hallucinogens], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.993S	Poisoning by other psychodysleptics [hallucinogens], assault, sequela	Diagnosis	ICD-10-CM
T40.994A	Poisoning by other psychodysleptics [hallucinogens], undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.994D	Poisoning by other psychodysleptics [hallucinogens], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.994S	Poisoning by other psychodysleptics [hallucinogens], undetermined, sequela	Diagnosis	ICD-10-CM
T40.995A	Adverse effect of other psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.995D	Adverse effect of other psychodysleptics [hallucinogens], subsequent	Diagnosis	ICD-10-CM
T40.995S	Adverse effect of other psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.996A	Underdosing of other psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.996D	Underdosing of other psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.996S	Underdosing of other psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T41.0X1A	Poisoning by inhaled anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.0X2	Poisoning by inhaled anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.0X2A	Poisoning by inhaled anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.0X2D	Poisoning by inhaled anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.0X2S	Poisoning by inhaled anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.0X3A	Poisoning by inhaled anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.0X4A	Poisoning by inhaled anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.1X1A	Poisoning by intravenous anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T41.1X2	Poisoning by intravenous anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.1X2A	Poisoning by intravenous anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.1X2D	Poisoning by intravenous anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.1X2S	Poisoning by intravenous anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.1X3A	Poisoning by intravenous anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.1X4A	Poisoning by intravenous anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.201A	Poisoning by unspecified general anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.202	Poisoning by unspecified general anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.202A	Poisoning by unspecified general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.202D	Poisoning by unspecified general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.202S	Poisoning by unspecified general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.203A	Poisoning by unspecified general anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.204A	Poisoning by unspecified general anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.291A	Poisoning by other general anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.292	Poisoning by other general anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.292A	Poisoning by other general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.292D	Poisoning by other general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.292S	Poisoning by other general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.293A	Poisoning by other general anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.294A	Poisoning by other general anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.3X1A	Poisoning by local anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.3X2	Poisoning by local anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.3X2A	Poisoning by local anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.3X2D	Poisoning by local anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.3X2S	Poisoning by local anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.3X3A	Poisoning by local anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.3X4A	Poisoning by local anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.41XA	Poisoning by unspecified anesthetic, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.42	Poisoning by unspecified anesthetic, intentional self-harm	Diagnosis	ICD-10-CM
T41.42XA	Poisoning by unspecified anesthetic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.42XD	Poisoning by unspecified anesthetic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.42XS	Poisoning by unspecified anesthetic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.43XA	Poisoning by unspecified anesthetic, assault, initial encounter	Diagnosis	ICD-10-CM
T41.44XA	Poisoning by unspecified anesthetic, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.5X2	Poisoning by therapeutic gases, intentional self-harm	Diagnosis	ICD-10-CM
T41.5X2A	Poisoning by therapeutic gases, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.5X2D	Poisoning by therapeutic gases, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T41.5X2S	Poisoning by therapeutic gases, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.0X1A	Poisoning by hydantoin derivatives, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T42.0X2	Poisoning by hydantoin derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T42.0X2A	Poisoning by hydantoin derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.0X2D	Poisoning by hydantoin derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.0X2S	Poisoning by hydantoin derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.0X3A	Poisoning by hydantoin derivatives, assault, initial encounter	Diagnosis	ICD-10-CM
T42.0X4A	Poisoning by hydantoin derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.1X1A	Poisoning by iminostilbenes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.1X2	Poisoning by iminostilbenes, intentional self-harm	Diagnosis	ICD-10-CM
T42.1X2A	Poisoning by iminostilbenes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.1X2D	Poisoning by iminostilbenes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.1X2S	Poisoning by iminostilbenes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.1X3A	Poisoning by iminostilbenes, assault, initial encounter	Diagnosis	ICD-10-CM
T42.1X4A	Poisoning by iminostilbenes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.2X1A	Poisoning by succinimides and oxazolidinediones, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.2X2	Poisoning by succinimides and oxazolidinediones, intentional self-harm	Diagnosis	ICD-10-CM
T42.2X2A	Poisoning by succinimides and oxazolidinediones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.2X2D	Poisoning by succinimides and oxazolidinediones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.2X2S	Poisoning by succinimides and oxazolidinediones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.2X3A	Poisoning by succinimides and oxazolidinediones, assault, initial encounter	Diagnosis	ICD-10-CM
T42.2X4A	Poisoning by succinimides and oxazolidinediones, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.3X1A	Poisoning by barbiturates, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.3X2	Poisoning by barbiturates, intentional self-harm	Diagnosis	ICD-10-CM
T42.3X2A	Poisoning by barbiturates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.3X2D	Poisoning by barbiturates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.3X2S	Poisoning by barbiturates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.3X3A	Poisoning by barbiturates, assault, initial encounter	Diagnosis	ICD-10-CM
T42.3X4A	Poisoning by barbiturates, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.4X1A	Poisoning by benzodiazepines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.4X2	Poisoning by benzodiazepines, intentional self-harm	Diagnosis	ICD-10-CM
T42.4X2A	Poisoning by benzodiazepines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.4X2D	Poisoning by benzodiazepines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.4X2S	Poisoning by benzodiazepines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.4X3A	Poisoning by benzodiazepines, assault, initial encounter	Diagnosis	ICD-10-CM
T42.4X4A	Poisoning by benzodiazepines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.5X1A	Poisoning by mixed antiepileptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.5X2	Poisoning by mixed antiepileptics, intentional self-harm	Diagnosis	ICD-10-CM
T42.5X2A	Poisoning by mixed antiepileptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T42.5X2D	Poisoning by mixed antiepileptics, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T42.5X2S	Poisoning by mixed antiepileptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.5X3A	Poisoning by mixed antiepileptics, assault, initial encounter	Diagnosis	ICD-10-CM
T42.5X4A	Poisoning by mixed antiepileptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.6X1A	Poisoning by other antiepileptic and sedative-hypnotic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.6X2	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T42.6X2A	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.6X2D	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.6X2S	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.6X3A	Poisoning by other antiepileptic and sedative-hypnotic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T42.6X4A	Poisoning by other antiepileptic and sedative-hypnotic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.71XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.72	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T42.72XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.72XD	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.72XS	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.73XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T42.74XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.8X1A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.8X2	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm	Diagnosis	ICD-10-CM
T42.8X2A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.8X2D	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.8X2S	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.8X3A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T42.8X4A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.011A	Poisoning by tricyclic antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.012	Poisoning by tricyclic antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.012A	Poisoning by tricyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.012D	Poisoning by tricyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.012S	Poisoning by tricyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.013A	Poisoning by tricyclic antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.014A	Poisoning by tricyclic antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.021A	Poisoning by tetracyclic antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.022	Poisoning by tetracyclic antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.022A	Poisoning by tetracyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.022D	Poisoning by tetracyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.022S	Poisoning by tetracyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.023A	Poisoning by tetracyclic antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.024A	Poisoning by tetracyclic antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.1X1A	Poisoning by monoamine-oxidase-inhibitor antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.1X2	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.1X2A	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.1X2D	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.1X2S	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.1X3A	Poisoning by monoamine-oxidase-inhibitor antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.1X4A	Poisoning by monoamine-oxidase-inhibitor antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.201A	Poisoning by unspecified antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.202	Poisoning by unspecified antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.202A	Poisoning by unspecified antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.202D	Poisoning by unspecified antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.202S	Poisoning by unspecified antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.203A	Poisoning by unspecified antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.204A	Poisoning by unspecified antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T43.211A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.212	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm	Diagnosis	ICD-10-CM
T43.212A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.212D	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.212S	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.213A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, assault, initial encounter	Diagnosis	ICD-10-CM
T43.214A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.221A	Poisoning by selective serotonin reuptake inhibitors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.222	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm	Diagnosis	ICD-10-CM
T43.222A	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.222D	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.222S	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.223A	Poisoning by selective serotonin reuptake inhibitors, assault, initial encounter	Diagnosis	ICD-10-CM
T43.224A	Poisoning by selective serotonin reuptake inhibitors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.291A	Poisoning by other antidepressants, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T43.292	Poisoning by other antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.292A	Poisoning by other antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.292D	Poisoning by other antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.292S	Poisoning by other antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.293A	Poisoning by other antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.294A	Poisoning by other antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.3X1A	Poisoning by phenothiazine antipsychotics and neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.3X2	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.3X2A	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.3X2D	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.3X2S	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T43.3X3A	Poisoning by phenothiazine antipsychotics and neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.3X4A	Poisoning by phenothiazine antipsychotics and neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.4X1A	Poisoning by butyrophenone and thiothixene neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.4X2	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.4X2A	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.4X2D	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.4X2S	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.4X3A	Poisoning by butyrophenone and thiothixene neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.4X4A	Poisoning by butyrophenone and thiothixene neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.501A	Poisoning by unspecified antipsychotics and neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.502	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.502A	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.502D	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.502S	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.503A	Poisoning by unspecified antipsychotics and neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.504A	Poisoning by unspecified antipsychotics and neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.591A	Poisoning by other antipsychotics and neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.592	Poisoning by other antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.592A	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.592D	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.592S	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.593A	Poisoning by other antipsychotics and neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.594A	Poisoning by other antipsychotics and neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T43.601A	Poisoning by unspecified psychostimulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.602	Poisoning by unspecified psychostimulants, intentional self-harm	Diagnosis	ICD-10-CM
T43.602A	Poisoning by unspecified psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.602D	Poisoning by unspecified psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.602S	Poisoning by unspecified psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.603A	Poisoning by unspecified psychostimulants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.604A	Poisoning by unspecified psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.611A	Poisoning by caffeine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.612	Poisoning by caffeine, intentional self-harm	Diagnosis	ICD-10-CM
T43.612A	Poisoning by caffeine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.612D	Poisoning by caffeine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.612S	Poisoning by caffeine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.613A	Poisoning by caffeine, assault, initial encounter	Diagnosis	ICD-10-CM
T43.614A	Poisoning by caffeine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.621A	Poisoning by amphetamines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.622	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
T43.623A	Poisoning by amphetamines, assault, initial encounter	Diagnosis	ICD-10-CM
T43.624A	Poisoning by amphetamines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.631A	Poisoning by methylphenidate, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.632	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
T43.633A	Poisoning by methylphenidate, assault, initial encounter	Diagnosis	ICD-10-CM
T43.634A	Poisoning by methylphenidate, undetermined, initial encounter	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
T43.691A	Poisoning by other psychostimulants, accidental (unintentional), initial encounter	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
T43.692S	Poisoning by other psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.693A	Poisoning by other psychostimulants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.694A	Poisoning by other psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T43.8X1A	Poisoning by other psychotropic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.8X2	Poisoning by other psychotropic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T43.8X2A	Poisoning by other psychotropic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.8X2D	Poisoning by other psychotropic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.8X2S	Poisoning by other psychotropic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.8X3A	Poisoning by other psychotropic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T43.8X4A	Poisoning by other psychotropic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.91XA	Poisoning by unspecified psychotropic drug, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.92	Poisoning by unspecified psychotropic drug, intentional self-harm	Diagnosis	ICD-10-CM
T43.92XA	Poisoning by unspecified psychotropic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.92XD	Poisoning by unspecified psychotropic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.92XS	Poisoning by unspecified psychotropic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.93XA	Poisoning by unspecified psychotropic drug, assault, initial encounter	Diagnosis	ICD-10-CM
T43.94XA	Poisoning by unspecified psychotropic drug, undetermined, initial encounter	Diagnosis	ICD-10-CM
T44.0X2	Poisoning by anticholinesterase agents, intentional self-harm	Diagnosis	ICD-10-CM
T44.0X2A	Poisoning by anticholinesterase agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.0X2D	Poisoning by anticholinesterase agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.0X2S	Poisoning by anticholinesterase agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.1X2	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm	Diagnosis	ICD-10-CM
T44.1X2A	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.1X2D	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.1X2S	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.2X2	Poisoning by ganglionic blocking drugs, intentional self-harm	Diagnosis	ICD-10-CM
T44.2X2A	Poisoning by ganglionic blocking drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.2X2D	Poisoning by ganglionic blocking drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.2X2S	Poisoning by ganglionic blocking drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.3X2	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm	Diagnosis	ICD-10-CM
T44.3X2A	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.3X2D	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.3X2S	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T44.4X2	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.4X2A	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.4X2D	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.4X2S	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.5X2	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.5X2A	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.5X2D	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.5X2S	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.6X2	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.6X2A	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.6X2D	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.6X2S	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.7X2	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.7X2A	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.7X2D	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.7X2S	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.8X2	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm	Diagnosis	ICD-10-CM
T44.8X2A	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.8X2D	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.8X2S	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.902	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm	Diagnosis	ICD-10-CM
T44.902A	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.902D	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.902S	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T44.992	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm	Diagnosis	ICD-10-CM
T44.992A	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.992D	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.992S	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.0X1A	Poisoning by antiallergic and antiemetic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.0X2	Poisoning by antiallergic and antiemetic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.0X2A	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.0X2D	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.0X2S	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.0X3A	Poisoning by antiallergic and antiemetic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.0X4A	Poisoning by antiallergic and antiemetic drugs, undetermined, initial	Diagnosis	ICD-10-CM
T45.1X1A	Poisoning by antineoplastic and immunosuppressive drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.1X2	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.1X2A	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.1X2D	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.1X2S	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.1X3A	Poisoning by antineoplastic and immunosuppressive drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.1X4A	Poisoning by antineoplastic and immunosuppressive drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.2X1A	Poisoning by vitamins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.2X2	Poisoning by vitamins, intentional self-harm	Diagnosis	ICD-10-CM
T45.2X2A	Poisoning by vitamins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.2X2D	Poisoning by vitamins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.2X2S	Poisoning by vitamins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.2X3A	Poisoning by vitamins, assault, initial encounter	Diagnosis	ICD-10-CM
T45.2X4A	Poisoning by vitamins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.3X1A	Poisoning by enzymes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.3X2	Poisoning by enzymes, intentional self-harm	Diagnosis	ICD-10-CM
T45.3X2A	Poisoning by enzymes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.3X2D	Poisoning by enzymes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.3X2S	Poisoning by enzymes, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T45.3X3A	Poisoning by enzymes, assault, initial encounter	Diagnosis	ICD-10-CM
T45.3X4A	Poisoning by enzymes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.4X1A	Poisoning by iron and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.4X2	Poisoning by iron and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T45.4X2A	Poisoning by iron and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.4X2D	Poisoning by iron and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.4X2S	Poisoning by iron and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.4X3A	Poisoning by iron and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T45.4X4A	Poisoning by iron and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.511A	Poisoning by anticoagulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.512	Poisoning by anticoagulants, intentional self-harm	Diagnosis	ICD-10-CM
T45.512A	Poisoning by anticoagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.512D	Poisoning by anticoagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.512S	Poisoning by anticoagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.513A	Poisoning by anticoagulants, assault, initial encounter	Diagnosis	ICD-10-CM
T45.514A	Poisoning by anticoagulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.521A	Poisoning by antithrombotic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.522	Poisoning by antithrombotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.522A	Poisoning by antithrombotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.522D	Poisoning by antithrombotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.522S	Poisoning by antithrombotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.523A	Poisoning by antithrombotic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.524A	Poisoning by antithrombotic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.601A	Poisoning by unspecified fibrinolysis-affecting drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.602	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.602A	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.602D	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.602S	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.603A	Poisoning by unspecified fibrinolysis-affecting drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.604A	Poisoning by unspecified fibrinolysis-affecting drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.611A	Poisoning by thrombolytic drug, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.612	Poisoning by thrombolytic drug, intentional self-harm	Diagnosis	ICD-10-CM
T45.612A	Poisoning by thrombolytic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.612D	Poisoning by thrombolytic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.612S	Poisoning by thrombolytic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.613A	Poisoning by thrombolytic drug, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T45.614A	Poisoning by thrombolytic drug, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.621A	Poisoning by hemostatic drug, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.622	Poisoning by hemostatic drug, intentional self-harm	Diagnosis	ICD-10-CM
T45.622A	Poisoning by hemostatic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.622D	Poisoning by hemostatic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.622S	Poisoning by hemostatic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.623A	Poisoning by hemostatic drug, assault, initial encounter	Diagnosis	ICD-10-CM
T45.624A	Poisoning by hemostatic drug, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.691A	Poisoning by other fibrinolysis-affecting drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.692	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.692A	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.692D	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.692S	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.693A	Poisoning by other fibrinolysis-affecting drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.694A	Poisoning by other fibrinolysis-affecting drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.7X1A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.7X2	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm	Diagnosis	ICD-10-CM
T45.7X2A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.7X2D	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.7X2S	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.7X3A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, assault, initial encounter	Diagnosis	ICD-10-CM
T45.7X4A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.8X1A	Poisoning by other primarily systemic and hematological agents, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.8X2	Poisoning by other primarily systemic and hematological agents, intentional self-harm	Diagnosis	ICD-10-CM
T45.8X2A	Poisoning by other primarily systemic and hematological agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.8X2D	Poisoning by other primarily systemic and hematological agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.8X2S	Poisoning by other primarily systemic and hematological agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.8X3A	Poisoning by other primarily systemic and hematological agents, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T45.8X4A	Poisoning by other primarily systemic and hematological agents, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.91XA	Poisoning by unspecified primarily systemic and hematological agent, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.92	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm	Diagnosis	ICD-10-CM
T45.92XA	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.92XD	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.92XS	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.93XA	Poisoning by unspecified primarily systemic and hematological agent, assault, initial encounter	Diagnosis	ICD-10-CM
T45.94XA	Poisoning by unspecified primarily systemic and hematological agent, undetermined, initial encounter	Diagnosis	ICD-10-CM
T46.0X2	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm	Diagnosis	ICD-10-CM
T46.0X2A	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.0X2D	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.0X2S	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.1X2	Poisoning by calcium-channel blockers, intentional self-harm	Diagnosis	ICD-10-CM
T46.1X2A	Poisoning by calcium-channel blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.1X2D	Poisoning by calcium-channel blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.1X2S	Poisoning by calcium-channel blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.2X2	Poisoning by other antidysrhythmic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.2X2A	Poisoning by other antidysrhythmic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.2X2D	Poisoning by other antidysrhythmic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.2X2S	Poisoning by other antidysrhythmic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.3X2	Poisoning by coronary vasodilators, intentional self-harm	Diagnosis	ICD-10-CM
T46.3X2A	Poisoning by coronary vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.3X2D	Poisoning by coronary vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.3X2S	Poisoning by coronary vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.4X2	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm	Diagnosis	ICD-10-CM
T46.4X2A	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T46.4X2D	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.4X2S	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.5X2	Poisoning by other antihypertensive drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.5X2A	Poisoning by other antihypertensive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.5X2D	Poisoning by other antihypertensive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.5X2S	Poisoning by other antihypertensive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.6X2	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.6X2A	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.6X2D	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.6X2S	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.7X2	Poisoning by peripheral vasodilators, intentional self-harm	Diagnosis	ICD-10-CM
T46.7X2A	Poisoning by peripheral vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.7X2D	Poisoning by peripheral vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.7X2S	Poisoning by peripheral vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.8X2	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm	Diagnosis	ICD-10-CM
T46.8X2A	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.8X2D	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.8X2S	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.902	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm	Diagnosis	ICD-10-CM
T46.902A	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.902D	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.902S	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.992	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm	Diagnosis	ICD-10-CM
T46.992A	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T46.992D	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.992S	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.0X2	Poisoning by histamine H2-receptor blockers, intentional self-harm	Diagnosis	ICD-10-CM
T47.0X2A	Poisoning by histamine H2-receptor blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.0X2D	Poisoning by histamine H2-receptor blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.0X2S	Poisoning by histamine H2-receptor blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.1X2	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm	Diagnosis	ICD-10-CM
T47.1X2A	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.1X2D	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.1X2S	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.2X2	Poisoning by stimulant laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.2X2A	Poisoning by stimulant laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.2X2D	Poisoning by stimulant laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.2X2S	Poisoning by stimulant laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.3X2	Poisoning by saline and osmotic laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.3X2A	Poisoning by saline and osmotic laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.3X2D	Poisoning by saline and osmotic laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.3X2S	Poisoning by saline and osmotic laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.4X2	Poisoning by other laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.4X2A	Poisoning by other laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.4X2D	Poisoning by other laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.4X2S	Poisoning by other laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.5X2	Poisoning by digestants, intentional self-harm	Diagnosis	ICD-10-CM
T47.5X2A	Poisoning by digestants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.5X2D	Poisoning by digestants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.5X2S	Poisoning by digestants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.6X2	Poisoning by antidiarrheal drugs, intentional self-harm	Diagnosis	ICD-10-CM
T47.6X2A	Poisoning by antidiarrheal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.6X2D	Poisoning by antidiarrheal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.6X2S	Poisoning by antidiarrheal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.7X2	Poisoning by emetics, intentional self-harm	Diagnosis	ICD-10-CM
T47.7X2A	Poisoning by emetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.7X2D	Poisoning by emetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.7X2S	Poisoning by emetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T47.8X2	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm	Diagnosis	ICD-10-CM
T47.8X2A	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.8X2D	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.8X2S	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.92	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm	Diagnosis	ICD-10-CM
T47.92XA	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.92XD	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.92XS	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.0X2	Poisoning by oxytotoxic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T48.0X2A	Poisoning by oxytotoxic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.0X2D	Poisoning by oxytotoxic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.0X2S	Poisoning by oxytotoxic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.1X2	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm	Diagnosis	ICD-10-CM
T48.1X2A	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.1X2D	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.1X2S	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.202	Poisoning by unspecified drugs acting on muscles, intentional self-harm	Diagnosis	ICD-10-CM
T48.202A	Poisoning by unspecified drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.202D	Poisoning by unspecified drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.202S	Poisoning by unspecified drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.292	Poisoning by other drugs acting on muscles, intentional self-harm	Diagnosis	ICD-10-CM
T48.292A	Poisoning by other drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.292D	Poisoning by other drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.292S	Poisoning by other drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.3X2	Poisoning by antitussives, intentional self-harm	Diagnosis	ICD-10-CM
T48.3X2A	Poisoning by antitussives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.3X2D	Poisoning by antitussives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T48.3X2S	Poisoning by antitussives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.4X2	Poisoning by expectorants, intentional self-harm	Diagnosis	ICD-10-CM
T48.4X2A	Poisoning by expectorants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.4X2D	Poisoning by expectorants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.4X2S	Poisoning by expectorants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.5X2	Poisoning by other anti-common-cold drugs, intentional self-harm	Diagnosis	ICD-10-CM
T48.5X2A	Poisoning by other anti-common-cold drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.5X2D	Poisoning by other anti-common-cold drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.5X2S	Poisoning by other anti-common-cold drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.6X2	Poisoning by antiasthmatics, intentional self-harm	Diagnosis	ICD-10-CM
T48.6X2A	Poisoning by antiasthmatics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.6X2D	Poisoning by antiasthmatics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.6X2S	Poisoning by antiasthmatics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.902	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm	Diagnosis	ICD-10-CM
T48.902A	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.902D	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.902S	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.992	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm	Diagnosis	ICD-10-CM
T48.992A	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.992D	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.992S	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.0X2	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm	Diagnosis	ICD-10-CM
T49.0X2A	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.0X2D	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.0X2S	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.1X2	Poisoning by antipruritics, intentional self-harm	Diagnosis	ICD-10-CM
T49.1X2A	Poisoning by antipruritics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.1X2D	Poisoning by antipruritics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.1X2S	Poisoning by antipruritics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.2X2	Poisoning by local astringents and local detergents, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T49.2X2A	Poisoning by local astringents and local detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.2X2D	Poisoning by local astringents and local detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.2X2S	Poisoning by local astringents and local detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.3X2	Poisoning by emollients, demulcents and protectants, intentional self-harm	Diagnosis	ICD-10-CM
T49.3X2A	Poisoning by emollients, demulcents and protectants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.3X2D	Poisoning by emollients, demulcents and protectants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.3X2S	Poisoning by emollients, demulcents and protectants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.4X2	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.4X2A	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.4X2D	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.4X2S	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.5X2	Poisoning by ophthalmological drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.5X2A	Poisoning by ophthalmological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.5X2D	Poisoning by ophthalmological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.5X2S	Poisoning by ophthalmological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.6X2	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.6X2A	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.6X2D	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.6X2S	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.7X2	Poisoning by dental drugs, topically applied, intentional self-harm	Diagnosis	ICD-10-CM
T49.7X2A	Poisoning by dental drugs, topically applied, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.7X2D	Poisoning by dental drugs, topically applied, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.7X2S	Poisoning by dental drugs, topically applied, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.8X2	Poisoning by other topical agents, intentional self-harm	Diagnosis	ICD-10-CM
T49.8X2A	Poisoning by other topical agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T49.8X2D	Poisoning by other topical agents, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T49.8X2S	Poisoning by other topical agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.92	Poisoning by unspecified topical agent, intentional self-harm	Diagnosis	ICD-10-CM
T49.92XA	Poisoning by unspecified topical agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.92XD	Poisoning by unspecified topical agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.92XS	Poisoning by unspecified topical agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.0X1A	Poisoning by mineralocorticoids and their antagonists, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T50.0X2	Poisoning by mineralocorticoids and their antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T50.0X2A	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.0X2D	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.0X2S	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.0X3A	Poisoning by mineralocorticoids and their antagonists, assault, initial	Diagnosis	ICD-10-CM
T50.0X4A	Poisoning by mineralocorticoids and their antagonists, undetermined, initial encounter	Diagnosis	ICD-10-CM
T50.1X2	Poisoning by loop [high-ceiling] diuretics, intentional self-harm	Diagnosis	ICD-10-CM
T50.1X2A	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, initial	Diagnosis	ICD-10-CM
T50.1X2D	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.1X2S	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.2X2	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm	Diagnosis	ICD-10-CM
T50.2X2A	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.2X2D	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.2X2S	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.3X2	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.3X2A	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.3X2D	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.3X2S	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.4X2	Poisoning by drugs affecting uric acid metabolism, intentional self-harm	Diagnosis	ICD-10-CM
T50.4X2A	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T50.4X2D	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.4X2S	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.5X2	Poisoning by appetite depressants, intentional self-harm	Diagnosis	ICD-10-CM
T50.5X2A	Poisoning by appetite depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.5X2D	Poisoning by appetite depressants, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T50.5X2S	Poisoning by appetite depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.6X2	Poisoning by antidotes and chelating agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.6X2A	Poisoning by antidotes and chelating agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.6X2D	Poisoning by antidotes and chelating agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.6X2S	Poisoning by antidotes and chelating agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.7X2	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T50.7X2A	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.7X2D	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.7X2S	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.8X2	Poisoning by diagnostic agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.8X2A	Poisoning by diagnostic agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.8X2D	Poisoning by diagnostic agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.8X2S	Poisoning by diagnostic agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.902	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.902A	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.902D	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.902S	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.912	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.912A	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.912D	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.912S	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.992	Poisoning by other drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T50.992A	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.992D	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.992S	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A12	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm	Diagnosis	ICD-10-CM
T50.A12A	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A12D	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A12S	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A22	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm	Diagnosis	ICD-10-CM
T50.A22A	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A22D	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A22S	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A92	Poisoning by other bacterial vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.A92A	Poisoning by other bacterial vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A92D	Poisoning by other bacterial vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A92S	Poisoning by other bacterial vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B12	Poisoning by smallpox vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.B12A	Poisoning by smallpox vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.B12D	Poisoning by smallpox vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.B12S	Poisoning by smallpox vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B92	Poisoning by other viral vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.B92A	Poisoning by other viral vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.B92D	Poisoning by other viral vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.B92S	Poisoning by other viral vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z11A	Poisoning by immunoglobulin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T50.Z12	Poisoning by immunoglobulin, intentional self-harm	Diagnosis	ICD-10-CM
T50.Z12A	Poisoning by immunoglobulin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z12D	Poisoning by immunoglobulin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z12S	Poisoning by immunoglobulin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z13A	Poisoning by immunoglobulin, assault, initial encounter	Diagnosis	ICD-10-CM
T50.Z14A	Poisoning by immunoglobulin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T50.Z92	Poisoning by other vaccines and biological substances, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T50.Z92A	Poisoning by other vaccines and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z92D	Poisoning by other vaccines and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z92S	Poisoning by other vaccines and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.0X1A	Toxic effect of ethanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.0X2	Toxic effect of ethanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.0X2A	Toxic effect of ethanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.0X2D	Toxic effect of ethanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X2S	Toxic effect of ethanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.0X3A	Toxic effect of ethanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.0X4A	Toxic effect of ethanol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.1X1A	Toxic effect of methanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.1X2	Toxic effect of methanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.1X2A	Toxic effect of methanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.1X2D	Toxic effect of methanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.1X2S	Toxic effect of methanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.1X3A	Toxic effect of methanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.1X4A	Toxic effect of methanol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.2X1A	Toxic effect of 2-Propanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.2X2	Toxic effect of 2-Propanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.2X2A	Toxic effect of 2-Propanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.2X2D	Toxic effect of 2-Propanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.2X2S	Toxic effect of 2-Propanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.2X3A	Toxic effect of 2-Propanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.2X4A	Toxic effect of 2-Propanol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.3X1A	Toxic effect of fusel oil, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.3X2	Toxic effect of fusel oil, intentional self-harm	Diagnosis	ICD-10-CM
T51.3X2A	Toxic effect of fusel oil, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.3X2D	Toxic effect of fusel oil, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.3X2S	Toxic effect of fusel oil, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.3X3A	Toxic effect of fusel oil, assault, initial encounter	Diagnosis	ICD-10-CM
T51.3X4A	Toxic effect of fusel oil, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.8X1A	Toxic effect of other alcohols, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.8X2	Toxic effect of other alcohols, intentional self-harm	Diagnosis	ICD-10-CM
T51.8X2A	Toxic effect of other alcohols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.8X2D	Toxic effect of other alcohols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.8X2S	Toxic effect of other alcohols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.8X3A	Toxic effect of other alcohols, assault, initial encounter	Diagnosis	ICD-10-CM
T51.8X4A	Toxic effect of other alcohols, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.91XA	Toxic effect of unspecified alcohol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.92	Toxic effect of unspecified alcohol, intentional self-harm	Diagnosis	ICD-10-CM
T51.92XA	Toxic effect of unspecified alcohol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T51.92XD	Toxic effect of unspecified alcohol, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T51.92XS	Toxic effect of unspecified alcohol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.93XA	Toxic effect of unspecified alcohol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.94XA	Toxic effect of unspecified alcohol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.0X1A	Toxic effect of petroleum products, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T52.0X2	Toxic effect of petroleum products, intentional self-harm	Diagnosis	ICD-10-CM
T52.0X2A	Toxic effect of petroleum products, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.0X2D	Toxic effect of petroleum products, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T52.0X2S	Toxic effect of petroleum products, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.0X3A	Toxic effect of petroleum products, assault, initial encounter	Diagnosis	ICD-10-CM
T52.0X4A	Toxic effect of petroleum products, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.1X1A	Toxic effect of benzene, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.1X2	Toxic effect of benzene, intentional self-harm	Diagnosis	ICD-10-CM
T52.1X2A	Toxic effect of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.1X2D	Toxic effect of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.1X2S	Toxic effect of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.1X3A	Toxic effect of benzene, assault, initial encounter	Diagnosis	ICD-10-CM
T52.1X4A	Toxic effect of benzene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.2X1A	Toxic effect of homologues of benzene, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.2X2	Toxic effect of homologues of benzene, intentional self-harm	Diagnosis	ICD-10-CM
T52.2X2A	Toxic effect of homologues of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.2X2D	Toxic effect of homologues of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.2X2S	Toxic effect of homologues of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.2X3A	Toxic effect of homologues of benzene, assault, initial encounter	Diagnosis	ICD-10-CM
T52.2X4A	Toxic effect of homologues of benzene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.3X1A	Toxic effect of glycols, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.3X2	Toxic effect of glycols, intentional self-harm	Diagnosis	ICD-10-CM
T52.3X2A	Toxic effect of glycols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.3X2D	Toxic effect of glycols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.3X2S	Toxic effect of glycols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.3X3A	Toxic effect of glycols, assault, initial encounter	Diagnosis	ICD-10-CM
T52.3X4A	Toxic effect of glycols, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.4X1A	Toxic effect of ketones, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.4X2	Toxic effect of ketones, intentional self-harm	Diagnosis	ICD-10-CM
T52.4X2A	Toxic effect of ketones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.4X2D	Toxic effect of ketones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.4X2S	Toxic effect of ketones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.4X3A	Toxic effect of ketones, assault, initial encounter	Diagnosis	ICD-10-CM
T52.4X4A	Toxic effect of ketones, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.8X1A	Toxic effect of other organic solvents, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.8X2	Toxic effect of other organic solvents, intentional self-harm	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T52.8X2A	Toxic effect of other organic solvents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.8X2D	Toxic effect of other organic solvents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.8X2S	Toxic effect of other organic solvents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.8X3A	Toxic effect of other organic solvents, assault, initial encounter	Diagnosis	ICD-10-CM
T52.8X4A	Toxic effect of other organic solvents, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.91XA	Toxic effect of unspecified organic solvent, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.92	Toxic effect of unspecified organic solvent, intentional self-harm	Diagnosis	ICD-10-CM
T52.92XA	Toxic effect of unspecified organic solvent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.92XD	Toxic effect of unspecified organic solvent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.92XS	Toxic effect of unspecified organic solvent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.93XA	Toxic effect of unspecified organic solvent, assault, initial encounter	Diagnosis	ICD-10-CM
T52.94XA	Toxic effect of unspecified organic solvent, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.0X1A	Toxic effect of carbon tetrachloride, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.0X2	Toxic effect of carbon tetrachloride, intentional self-harm	Diagnosis	ICD-10-CM
T53.0X2A	Toxic effect of carbon tetrachloride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.0X2D	Toxic effect of carbon tetrachloride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.0X2S	Toxic effect of carbon tetrachloride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.0X3A	Toxic effect of carbon tetrachloride, assault, initial encounter	Diagnosis	ICD-10-CM
T53.0X4A	Toxic effect of carbon tetrachloride, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.1X1A	Toxic effect of chloroform, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.1X2	Toxic effect of chloroform, intentional self-harm	Diagnosis	ICD-10-CM
T53.1X2A	Toxic effect of chloroform, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.1X2D	Toxic effect of chloroform, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.1X2S	Toxic effect of chloroform, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.1X3A	Toxic effect of chloroform, assault, initial encounter	Diagnosis	ICD-10-CM
T53.1X4A	Toxic effect of chloroform, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.2X1A	Toxic effect of trichloroethylene, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.2X2	Toxic effect of trichloroethylene, intentional self-harm	Diagnosis	ICD-10-CM
T53.2X2A	Toxic effect of trichloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.2X2D	Toxic effect of trichloroethylene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.2X2S	Toxic effect of trichloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.2X3A	Toxic effect of trichloroethylene, assault, initial encounter	Diagnosis	ICD-10-CM
T53.2X4A	Toxic effect of trichloroethylene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.3X1A	Toxic effect of tetrachloroethylene, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.3X2	Toxic effect of tetrachloroethylene, intentional self-harm	Diagnosis	ICD-10-CM
T53.3X2A	Toxic effect of tetrachloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.3X2D	Toxic effect of tetrachloroethylene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.3X2S	Toxic effect of tetrachloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.3X3A	Toxic effect of tetrachloroethylene, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T53.3X4A	Toxic effect of tetrachloroethylene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.4X1A	Toxic effect of dichloromethane, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.4X2	Toxic effect of dichloromethane, intentional self-harm	Diagnosis	ICD-10-CM
T53.4X2A	Toxic effect of dichloromethane, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.4X2D	Toxic effect of dichloromethane, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.4X2S	Toxic effect of dichloromethane, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.4X3A	Toxic effect of dichloromethane, assault, initial encounter	Diagnosis	ICD-10-CM
T53.4X4A	Toxic effect of dichloromethane, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.5X1A	Toxic effect of chlorofluorocarbons, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T53.5X2	Toxic effect of chlorofluorocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.5X2A	Toxic effect of chlorofluorocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.5X2D	Toxic effect of chlorofluorocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.5X2S	Toxic effect of chlorofluorocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.5X3A	Toxic effect of chlorofluorocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.5X4A	Toxic effect of chlorofluorocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.6X1A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.6X2	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.6X2A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.6X2D	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.6X2S	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.6X3A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.6X4A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.7X1A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.7X2	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.7X2A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.7X2D	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.7X2S	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.7X3A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.7X4A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T53.91XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.92	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.92XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.92XD	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.92XS	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.93XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.94XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.0X1A	Toxic effect of phenol and phenol homologues, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.0X2	Toxic effect of phenol and phenol homologues, intentional self-harm	Diagnosis	ICD-10-CM
T54.0X2A	Toxic effect of phenol and phenol homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.0X2D	Toxic effect of phenol and phenol homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.0X2S	Toxic effect of phenol and phenol homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.0X3A	Toxic effect of phenol and phenol homologues, assault, initial encounter	Diagnosis	ICD-10-CM
T54.0X4A	Toxic effect of phenol and phenol homologues, undetermined, initial	Diagnosis	ICD-10-CM
T54.1X1A	Toxic effect of other corrosive organic compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.1X2	Toxic effect of other corrosive organic compounds, intentional self-harm	Diagnosis	ICD-10-CM
T54.1X2A	Toxic effect of other corrosive organic compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.1X2D	Toxic effect of other corrosive organic compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.1X2S	Toxic effect of other corrosive organic compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.1X3A	Toxic effect of other corrosive organic compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T54.1X4A	Toxic effect of other corrosive organic compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.2X1A	Toxic effect of corrosive acids and acid-like substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.2X2	Toxic effect of corrosive acids and acid-like substances, intentional self-harm	Diagnosis	ICD-10-CM
T54.2X2A	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.2X2D	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T54.2X2S	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.2X3A	Toxic effect of corrosive acids and acid-like substances, assault, initial	Diagnosis	ICD-10-CM
T54.2X4A	Toxic effect of corrosive acids and acid-like substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.3X1A	Toxic effect of corrosive alkalis and alkali-like substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.3X2	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm	Diagnosis	ICD-10-CM
T54.3X2A	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.3X2D	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.3X2S	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.3X3A	Toxic effect of corrosive alkalis and alkali-like substances, assault, initial encounter	Diagnosis	ICD-10-CM
T54.3X4A	Toxic effect of corrosive alkalis and alkali-like substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.91XA	Toxic effect of unspecified corrosive substance, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.92	Toxic effect of unspecified corrosive substance, intentional self-harm	Diagnosis	ICD-10-CM
T54.92XA	Toxic effect of unspecified corrosive substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.92XD	Toxic effect of unspecified corrosive substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.92XS	Toxic effect of unspecified corrosive substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.93XA	Toxic effect of unspecified corrosive substance, assault, initial encounter	Diagnosis	ICD-10-CM
T54.94XA	Toxic effect of unspecified corrosive substance, undetermined, initial	Diagnosis	ICD-10-CM
T55.0X1A	Toxic effect of soaps, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T55.0X2	Toxic effect of soaps, intentional self-harm	Diagnosis	ICD-10-CM
T55.0X2A	Toxic effect of soaps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.0X2D	Toxic effect of soaps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.0X2S	Toxic effect of soaps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.0X3A	Toxic effect of soaps, assault, initial encounter	Diagnosis	ICD-10-CM
T55.0X4A	Toxic effect of soaps, undetermined, initial encounter	Diagnosis	ICD-10-CM
T55.1X1A	Toxic effect of detergents, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T55.1X2	Toxic effect of detergents, intentional self-harm	Diagnosis	ICD-10-CM
T55.1X2A	Toxic effect of detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.1X2D	Toxic effect of detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.1X2S	Toxic effect of detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.1X3A	Toxic effect of detergents, assault, initial encounter	Diagnosis	ICD-10-CM
T55.1X4A	Toxic effect of detergents, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.0X1A	Toxic effect of lead and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T56.0X2	Toxic effect of lead and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.0X2A	Toxic effect of lead and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.0X2D	Toxic effect of lead and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.0X2S	Toxic effect of lead and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.0X3A	Toxic effect of lead and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.0X4A	Toxic effect of lead and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.1X1A	Toxic effect of mercury and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.1X2	Toxic effect of mercury and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.1X2A	Toxic effect of mercury and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.1X2D	Toxic effect of mercury and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.1X2S	Toxic effect of mercury and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.1X3A	Toxic effect of mercury and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.1X4A	Toxic effect of mercury and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.2X1A	Toxic effect of chromium and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.2X2	Toxic effect of chromium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.2X2A	Toxic effect of chromium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.2X2D	Toxic effect of chromium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.2X2S	Toxic effect of chromium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.2X3A	Toxic effect of chromium and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.2X4A	Toxic effect of chromium and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.3X1A	Toxic effect of cadmium and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.3X2	Toxic effect of cadmium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.3X2A	Toxic effect of cadmium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.3X2D	Toxic effect of cadmium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.3X2S	Toxic effect of cadmium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.3X3A	Toxic effect of cadmium and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.3X4A	Toxic effect of cadmium and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.4X1A	Toxic effect of copper and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.4X2	Toxic effect of copper and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.4X2A	Toxic effect of copper and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.4X2D	Toxic effect of copper and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T56.4X2S	Toxic effect of copper and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.4X3A	Toxic effect of copper and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.4X4A	Toxic effect of copper and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.5X1A	Toxic effect of zinc and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.5X2	Toxic effect of zinc and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.5X2A	Toxic effect of zinc and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.5X2D	Toxic effect of zinc and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.5X2S	Toxic effect of zinc and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.5X3A	Toxic effect of zinc and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.5X4A	Toxic effect of zinc and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.6X1A	Toxic effect of tin and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.6X2	Toxic effect of tin and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.6X2A	Toxic effect of tin and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.6X2D	Toxic effect of tin and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.6X2S	Toxic effect of tin and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.6X3A	Toxic effect of tin and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.6X4A	Toxic effect of tin and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.7X1A	Toxic effect of beryllium and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.7X2	Toxic effect of beryllium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.7X2A	Toxic effect of beryllium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.7X2D	Toxic effect of beryllium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.7X2S	Toxic effect of beryllium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.7X3A	Toxic effect of beryllium and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.7X4A	Toxic effect of beryllium and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.811A	Toxic effect of thallium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.812	Toxic effect of thallium, intentional self-harm	Diagnosis	ICD-10-CM
T56.812A	Toxic effect of thallium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.812D	Toxic effect of thallium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.812S	Toxic effect of thallium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.813A	Toxic effect of thallium, assault, initial encounter	Diagnosis	ICD-10-CM
T56.814A	Toxic effect of thallium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.891A	Toxic effect of other metals, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.892	Toxic effect of other metals, intentional self-harm	Diagnosis	ICD-10-CM
T56.892A	Toxic effect of other metals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.892D	Toxic effect of other metals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.892S	Toxic effect of other metals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.893A	Toxic effect of other metals, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T56.894A	Toxic effect of other metals, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.91XA	Toxic effect of unspecified metal, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.92	Toxic effect of unspecified metal, intentional self-harm	Diagnosis	ICD-10-CM
T56.92XA	Toxic effect of unspecified metal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.92XD	Toxic effect of unspecified metal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.92XS	Toxic effect of unspecified metal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.93XA	Toxic effect of unspecified metal, assault, initial encounter	Diagnosis	ICD-10-CM
T56.94XA	Toxic effect of unspecified metal, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.0X1A	Toxic effect of arsenic and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.0X2	Toxic effect of arsenic and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T57.0X2A	Toxic effect of arsenic and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.0X2D	Toxic effect of arsenic and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.0X2S	Toxic effect of arsenic and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.0X3A	Toxic effect of arsenic and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T57.0X4A	Toxic effect of arsenic and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.1X1A	Toxic effect of phosphorus and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.1X2	Toxic effect of phosphorus and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T57.1X2A	Toxic effect of phosphorus and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.1X2D	Toxic effect of phosphorus and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.1X2S	Toxic effect of phosphorus and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.1X3A	Toxic effect of phosphorus and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T57.1X4A	Toxic effect of phosphorus and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.2X1A	Toxic effect of manganese and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.2X2	Toxic effect of manganese and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T57.2X2A	Toxic effect of manganese and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.2X2D	Toxic effect of manganese and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.2X2S	Toxic effect of manganese and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.2X3A	Toxic effect of manganese and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T57.2X4A	Toxic effect of manganese and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.3X1A	Toxic effect of hydrogen cyanide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.3X2	Toxic effect of hydrogen cyanide, intentional self-harm	Diagnosis	ICD-10-CM
T57.3X2A	Toxic effect of hydrogen cyanide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.3X2D	Toxic effect of hydrogen cyanide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.3X2S	Toxic effect of hydrogen cyanide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.3X3A	Toxic effect of hydrogen cyanide, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T57.3X4A	Toxic effect of hydrogen cyanide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.8X1A	Toxic effect of other specified inorganic substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.8X2	Toxic effect of other specified inorganic substances, intentional self-harm	Diagnosis	ICD-10-CM
T57.8X2A	Toxic effect of other specified inorganic substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.8X2D	Toxic effect of other specified inorganic substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.8X2S	Toxic effect of other specified inorganic substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.8X3A	Toxic effect of other specified inorganic substances, assault, initial encounter	Diagnosis	ICD-10-CM
T57.8X4A	Toxic effect of other specified inorganic substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.91XA	Toxic effect of unspecified inorganic substance, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.92	Toxic effect of unspecified inorganic substance, intentional self-harm	Diagnosis	ICD-10-CM
T57.92XA	Toxic effect of unspecified inorganic substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.92XD	Toxic effect of unspecified inorganic substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.92XS	Toxic effect of unspecified inorganic substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.93XA	Toxic effect of unspecified inorganic substance, assault, initial encounter	Diagnosis	ICD-10-CM
T57.94XA	Toxic effect of unspecified inorganic substance, undetermined, initial	Diagnosis	ICD-10-CM
T58.01XA	Toxic effect of carbon monoxide from motor vehicle exhaust, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.02	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm	Diagnosis	ICD-10-CM
T58.02XA	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.02XD	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.02XS	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.03XA	Toxic effect of carbon monoxide from motor vehicle exhaust, assault, initial encounter	Diagnosis	ICD-10-CM
T58.04XA	Toxic effect of carbon monoxide from motor vehicle exhaust, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.11XA	Toxic effect of carbon monoxide from utility gas, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.12	Toxic effect of carbon monoxide from utility gas, intentional self-harm	Diagnosis	ICD-10-CM
T58.12XA	Toxic effect of carbon monoxide from utility gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.12XD	Toxic effect of carbon monoxide from utility gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T58.12XS	Toxic effect of carbon monoxide from utility gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.13XA	Toxic effect of carbon monoxide from utility gas, assault, initial encounter	Diagnosis	ICD-10-CM
T58.14XA	Toxic effect of carbon monoxide from utility gas, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.2X1A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.2X2	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm	Diagnosis	ICD-10-CM
T58.2X2A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.2X2D	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.2X2S	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.2X3A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, assault, initial encounter	Diagnosis	ICD-10-CM
T58.2X4A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.8X1A	Toxic effect of carbon monoxide from other source, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.8X2	Toxic effect of carbon monoxide from other source, intentional self-harm	Diagnosis	ICD-10-CM
T58.8X2A	Toxic effect of carbon monoxide from other source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.8X2D	Toxic effect of carbon monoxide from other source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.8X2S	Toxic effect of carbon monoxide from other source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.8X3A	Toxic effect of carbon monoxide from other source, assault, initial encounter	Diagnosis	ICD-10-CM
T58.8X4A	Toxic effect of carbon monoxide from other source, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.91XA	Toxic effect of carbon monoxide from unspecified source, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.92	Toxic effect of carbon monoxide from unspecified source, intentional self-harm	Diagnosis	ICD-10-CM
T58.92XA	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.92XD	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.92XS	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.93XA	Toxic effect of carbon monoxide from unspecified source, assault, initial encounter	Diagnosis	ICD-10-CM
T58.94XA	Toxic effect of carbon monoxide from unspecified source, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.0X1A	Toxic effect of nitrogen oxides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T59.0X2	Toxic effect of nitrogen oxides, intentional self-harm	Diagnosis	ICD-10-CM
T59.0X2A	Toxic effect of nitrogen oxides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.0X2D	Toxic effect of nitrogen oxides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.0X2S	Toxic effect of nitrogen oxides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.0X3A	Toxic effect of nitrogen oxides, assault, initial encounter	Diagnosis	ICD-10-CM
T59.0X4A	Toxic effect of nitrogen oxides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.1X1A	Toxic effect of sulfur dioxide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.1X2	Toxic effect of sulfur dioxide, intentional self-harm	Diagnosis	ICD-10-CM
T59.1X2A	Toxic effect of sulfur dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.1X2D	Toxic effect of sulfur dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.1X2S	Toxic effect of sulfur dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.1X3A	Toxic effect of sulfur dioxide, assault, initial encounter	Diagnosis	ICD-10-CM
T59.1X4A	Toxic effect of sulfur dioxide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.2X1A	Toxic effect of formaldehyde, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.2X2	Toxic effect of formaldehyde, intentional self-harm	Diagnosis	ICD-10-CM
T59.2X2A	Toxic effect of formaldehyde, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.2X2D	Toxic effect of formaldehyde, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.2X2S	Toxic effect of formaldehyde, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.2X3A	Toxic effect of formaldehyde, assault, initial encounter	Diagnosis	ICD-10-CM
T59.2X4A	Toxic effect of formaldehyde, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.3X1A	Toxic effect of lacrimogenic gas, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.3X2	Toxic effect of lacrimogenic gas, intentional self-harm	Diagnosis	ICD-10-CM
T59.3X2A	Toxic effect of lacrimogenic gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.3X2D	Toxic effect of lacrimogenic gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.3X2S	Toxic effect of lacrimogenic gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.3X3A	Toxic effect of lacrimogenic gas, assault, initial encounter	Diagnosis	ICD-10-CM
T59.3X4A	Toxic effect of lacrimogenic gas, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.4X1A	Toxic effect of chlorine gas, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.4X2	Toxic effect of chlorine gas, intentional self-harm	Diagnosis	ICD-10-CM
T59.4X2A	Toxic effect of chlorine gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.4X2D	Toxic effect of chlorine gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.4X2S	Toxic effect of chlorine gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.4X3A	Toxic effect of chlorine gas, assault, initial encounter	Diagnosis	ICD-10-CM
T59.4X4A	Toxic effect of chlorine gas, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.5X1A	Toxic effect of fluorine gas and hydrogen fluoride, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.5X2	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm	Diagnosis	ICD-10-CM
T59.5X2A	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.5X2D	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.5X2S	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.5X3A	Toxic effect of fluorine gas and hydrogen fluoride, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T59.5X4A	Toxic effect of fluorine gas and hydrogen fluoride, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.6X1A	Toxic effect of hydrogen sulfide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.6X2	Toxic effect of hydrogen sulfide, intentional self-harm	Diagnosis	ICD-10-CM
T59.6X2A	Toxic effect of hydrogen sulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.6X2D	Toxic effect of hydrogen sulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.6X2S	Toxic effect of hydrogen sulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.6X3A	Toxic effect of hydrogen sulfide, assault, initial encounter	Diagnosis	ICD-10-CM
T59.6X4A	Toxic effect of hydrogen sulfide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.7X1A	Toxic effect of carbon dioxide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.7X2	Toxic effect of carbon dioxide, intentional self-harm	Diagnosis	ICD-10-CM
T59.7X2A	Toxic effect of carbon dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.7X2D	Toxic effect of carbon dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.7X2S	Toxic effect of carbon dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.7X3A	Toxic effect of carbon dioxide, assault, initial encounter	Diagnosis	ICD-10-CM
T59.7X4A	Toxic effect of carbon dioxide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.811A	Toxic effect of smoke, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.812	Toxic effect of smoke, intentional self-harm	Diagnosis	ICD-10-CM
T59.812A	Toxic effect of smoke, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.812D	Toxic effect of smoke, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.812S	Toxic effect of smoke, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.813A	Toxic effect of smoke, assault, initial encounter	Diagnosis	ICD-10-CM
T59.814A	Toxic effect of smoke, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.891A	Toxic effect of other specified gases, fumes and vapors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.892	Toxic effect of other specified gases, fumes and vapors, intentional self-harm	Diagnosis	ICD-10-CM
T59.892A	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.892D	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.892S	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.893A	Toxic effect of other specified gases, fumes and vapors, assault, initial	Diagnosis	ICD-10-CM
T59.894A	Toxic effect of other specified gases, fumes and vapors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.91XA	Toxic effect of unspecified gases, fumes and vapors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.92	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm	Diagnosis	ICD-10-CM
T59.92XA	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.92XD	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.92XS	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T59.93XA	Toxic effect of unspecified gases, fumes and vapors, assault, initial encounter	Diagnosis	ICD-10-CM
T59.94XA	Toxic effect of unspecified gases, fumes and vapors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.0X1A	Toxic effect of organophosphate and carbamate insecticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.0X2	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.0X2A	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.0X2D	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.0X2S	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.0X3A	Toxic effect of organophosphate and carbamate insecticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.0X4A	Toxic effect of organophosphate and carbamate insecticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.1X1A	Toxic effect of halogenated insecticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.1X2	Toxic effect of halogenated insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.1X2A	Toxic effect of halogenated insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.1X2D	Toxic effect of halogenated insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.1X2S	Toxic effect of halogenated insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.1X3A	Toxic effect of halogenated insecticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.1X4A	Toxic effect of halogenated insecticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.2X1A	Toxic effect of other insecticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.2X2	Toxic effect of other insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.2X2A	Toxic effect of other insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.2X2D	Toxic effect of other insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.2X2S	Toxic effect of other insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.2X3A	Toxic effect of other insecticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.2X4A	Toxic effect of other insecticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.3X1A	Toxic effect of herbicides and fungicides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.3X2	Toxic effect of herbicides and fungicides, intentional self-harm	Diagnosis	ICD-10-CM
T60.3X2A	Toxic effect of herbicides and fungicides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.3X2D	Toxic effect of herbicides and fungicides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.3X2S	Toxic effect of herbicides and fungicides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.3X3A	Toxic effect of herbicides and fungicides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.3X4A	Toxic effect of herbicides and fungicides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.4X1A	Toxic effect of rodenticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.4X2	Toxic effect of rodenticides, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T60.4X2A	Toxic effect of rodenticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.4X2D	Toxic effect of rodenticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.4X2S	Toxic effect of rodenticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.4X3A	Toxic effect of rodenticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.4X4A	Toxic effect of rodenticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.8X1A	Toxic effect of other pesticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.8X2	Toxic effect of other pesticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.8X2A	Toxic effect of other pesticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.8X2D	Toxic effect of other pesticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.8X2S	Toxic effect of other pesticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.8X3A	Toxic effect of other pesticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.8X4A	Toxic effect of other pesticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.91XA	Toxic effect of unspecified pesticide, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T60.92	Toxic effect of unspecified pesticide, intentional self-harm	Diagnosis	ICD-10-CM
T60.92XA	Toxic effect of unspecified pesticide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.92XD	Toxic effect of unspecified pesticide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.92XS	Toxic effect of unspecified pesticide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.93XA	Toxic effect of unspecified pesticide, assault, initial encounter	Diagnosis	ICD-10-CM
T60.94XA	Toxic effect of unspecified pesticide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.01XA	Ciguatera fish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.02	Ciguatera fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.02XA	Ciguatera fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.02XD	Ciguatera fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.02XS	Ciguatera fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.03XA	Ciguatera fish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.04XA	Ciguatera fish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.11XA	Scombroid fish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.12	Scombroid fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.12XA	Scombroid fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.12XD	Scombroid fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.12XS	Scombroid fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.13XA	Scombroid fish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.14XA	Scombroid fish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.771A	Other fish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.772	Other fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.772A	Other fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.772D	Other fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.772S	Other fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.773A	Other fish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.774A	Other fish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.781A	Other shellfish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.782	Other shellfish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.782A	Other shellfish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T61.782D	Other shellfish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.782S	Other shellfish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.783A	Other shellfish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.784A	Other shellfish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.8X1A	Toxic effect of other seafood, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.8X2	Toxic effect of other seafood, intentional self-harm	Diagnosis	ICD-10-CM
T61.8X2A	Toxic effect of other seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.8X2D	Toxic effect of other seafood, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.8X2S	Toxic effect of other seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.8X3A	Toxic effect of other seafood, assault, initial encounter	Diagnosis	ICD-10-CM
T61.8X4A	Toxic effect of other seafood, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.91XA	Toxic effect of unspecified seafood, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T61.92	Toxic effect of unspecified seafood, intentional self-harm	Diagnosis	ICD-10-CM
T61.92XA	Toxic effect of unspecified seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.92XD	Toxic effect of unspecified seafood, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T61.92XS	Toxic effect of unspecified seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.93XA	Toxic effect of unspecified seafood, assault, initial encounter	Diagnosis	ICD-10-CM
T61.94XA	Toxic effect of unspecified seafood, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.0X1A	Toxic effect of ingested mushrooms, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T62.0X2	Toxic effect of ingested mushrooms, intentional self-harm	Diagnosis	ICD-10-CM
T62.0X2A	Toxic effect of ingested mushrooms, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.0X2D	Toxic effect of ingested mushrooms, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.0X2S	Toxic effect of ingested mushrooms, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.0X3A	Toxic effect of ingested mushrooms, assault, initial encounter	Diagnosis	ICD-10-CM
T62.0X4A	Toxic effect of ingested mushrooms, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.1X1A	Toxic effect of ingested berries, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.1X2	Toxic effect of ingested berries, intentional self-harm	Diagnosis	ICD-10-CM
T62.1X2A	Toxic effect of ingested berries, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.1X2D	Toxic effect of ingested berries, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.1X2S	Toxic effect of ingested berries, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.1X3A	Toxic effect of ingested berries, assault, initial encounter	Diagnosis	ICD-10-CM
T62.1X4A	Toxic effect of ingested berries, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.2X1A	Toxic effect of other ingested (parts of) plant(s), accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.2X2	Toxic effect of other ingested (parts of) plant(s), intentional self-harm	Diagnosis	ICD-10-CM
T62.2X2A	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.2X2D	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.2X2S	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.2X3A	Toxic effect of other ingested (parts of) plant(s), assault, initial encounter	Diagnosis	ICD-10-CM
T62.2X4A	Toxic effect of other ingested (parts of) plant(s), undetermined, initial	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T62.8X1A	Toxic effect of other specified noxious substances eaten as food, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.8X2	Toxic effect of other specified noxious substances eaten as food, intentional self-harm	Diagnosis	ICD-10-CM
T62.8X2A	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.8X2D	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.8X2S	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.8X3A	Toxic effect of other specified noxious substances eaten as food, assault, initial encounter	Diagnosis	ICD-10-CM
T62.8X4A	Toxic effect of other specified noxious substances eaten as food, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.91XA	Toxic effect of unspecified noxious substance eaten as food, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.92	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm	Diagnosis	ICD-10-CM
T62.92XA	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.92XD	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.92XS	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.93XA	Toxic effect of unspecified noxious substance eaten as food, assault, initial encounter	Diagnosis	ICD-10-CM
T62.94XA	Toxic effect of unspecified noxious substance eaten as food, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.001A	Toxic effect of unspecified snake venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.002	Toxic effect of unspecified snake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.002A	Toxic effect of unspecified snake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.002D	Toxic effect of unspecified snake venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.002S	Toxic effect of unspecified snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.003A	Toxic effect of unspecified snake venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.004A	Toxic effect of unspecified snake venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.011A	Toxic effect of rattlesnake venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.012	Toxic effect of rattlesnake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.012A	Toxic effect of rattlesnake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.012D	Toxic effect of rattlesnake venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.012S	Toxic effect of rattlesnake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.013A	Toxic effect of rattlesnake venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.014A	Toxic effect of rattlesnake venom, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.021A	Toxic effect of coral snake venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.022	Toxic effect of coral snake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.022A	Toxic effect of coral snake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.022D	Toxic effect of coral snake venom, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T63.022S	Toxic effect of coral snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.023A	Toxic effect of coral snake venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.024A	Toxic effect of coral snake venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.031A	Toxic effect of taipan venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.032	Toxic effect of taipan venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.032A	Toxic effect of taipan venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.032D	Toxic effect of taipan venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.032S	Toxic effect of taipan venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.033A	Toxic effect of taipan venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.034A	Toxic effect of taipan venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.041A	Toxic effect of cobra venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.042	Toxic effect of cobra venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.042A	Toxic effect of cobra venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.042D	Toxic effect of cobra venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.042S	Toxic effect of cobra venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.043A	Toxic effect of cobra venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.044A	Toxic effect of cobra venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.061A	Toxic effect of venom of other North and South American snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.062	Toxic effect of venom of other North and South American snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.062A	Toxic effect of venom of other North and South American snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.062D	Toxic effect of venom of other North and South American snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.062S	Toxic effect of venom of other North and South American snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.063A	Toxic effect of venom of other North and South American snake, assault, initial encounter	Diagnosis	ICD-10-CM
T63.064A	Toxic effect of venom of other North and South American snake, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.071A	Toxic effect of venom of other Australian snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.072	Toxic effect of venom of other Australian snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.072A	Toxic effect of venom of other Australian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.072D	Toxic effect of venom of other Australian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.072S	Toxic effect of venom of other Australian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.073A	Toxic effect of venom of other Australian snake, assault, initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T63.074A	Toxic effect of venom of other Australian snake, undetermined, initial	Diagnosis	ICD-10-CM
T63.081A	Toxic effect of venom of other African and Asian snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.082	Toxic effect of venom of other African and Asian snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.082A	Toxic effect of venom of other African and Asian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.082D	Toxic effect of venom of other African and Asian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.082S	Toxic effect of venom of other African and Asian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.083A	Toxic effect of venom of other African and Asian snake, assault, initial	Diagnosis	ICD-10-CM
T63.084A	Toxic effect of venom of other African and Asian snake, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.091A	Toxic effect of venom of other snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.092	Toxic effect of venom of other snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.092A	Toxic effect of venom of other snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.092D	Toxic effect of venom of other snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.092S	Toxic effect of venom of other snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.093A	Toxic effect of venom of other snake, assault, initial encounter	Diagnosis	ICD-10-CM
T63.094A	Toxic effect of venom of other snake, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.111A	Toxic effect of venom of gila monster, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.112	Toxic effect of venom of gila monster, intentional self-harm	Diagnosis	ICD-10-CM
T63.112A	Toxic effect of venom of gila monster, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.112D	Toxic effect of venom of gila monster, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.112S	Toxic effect of venom of gila monster, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.113A	Toxic effect of venom of gila monster, assault, initial encounter	Diagnosis	ICD-10-CM
T63.114A	Toxic effect of venom of gila monster, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.121A	Toxic effect of venom of other venomous lizard, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.122	Toxic effect of venom of other venomous lizard, intentional self-harm	Diagnosis	ICD-10-CM
T63.122A	Toxic effect of venom of other venomous lizard, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.122D	Toxic effect of venom of other venomous lizard, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.122S	Toxic effect of venom of other venomous lizard, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.123A	Toxic effect of venom of other venomous lizard, assault, initial encounter	Diagnosis	ICD-10-CM
T63.124A	Toxic effect of venom of other venomous lizard, undetermined, initial	Diagnosis	ICD-10-CM
T63.191A	Toxic effect of venom of other reptiles, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.192	Toxic effect of venom of other reptiles, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.192A	Toxic effect of venom of other reptiles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.192D	Toxic effect of venom of other reptiles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.192S	Toxic effect of venom of other reptiles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.193A	Toxic effect of venom of other reptiles, assault, initial encounter	Diagnosis	ICD-10-CM
T63.194A	Toxic effect of venom of other reptiles, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.2X1A	Toxic effect of venom of scorpion, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.2X2	Toxic effect of venom of scorpion, intentional self-harm	Diagnosis	ICD-10-CM
T63.2X2A	Toxic effect of venom of scorpion, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.2X2D	Toxic effect of venom of scorpion, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.2X2S	Toxic effect of venom of scorpion, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.2X3A	Toxic effect of venom of scorpion, assault, initial encounter	Diagnosis	ICD-10-CM
T63.2X4A	Toxic effect of venom of scorpion, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.301A	Toxic effect of unspecified spider venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.302	Toxic effect of unspecified spider venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.302A	Toxic effect of unspecified spider venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.302D	Toxic effect of unspecified spider venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.302S	Toxic effect of unspecified spider venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.303A	Toxic effect of unspecified spider venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.304A	Toxic effect of unspecified spider venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.311A	Toxic effect of venom of black widow spider, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.312	Toxic effect of venom of black widow spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.312A	Toxic effect of venom of black widow spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.312D	Toxic effect of venom of black widow spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.312S	Toxic effect of venom of black widow spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.313A	Toxic effect of venom of black widow spider, assault, initial encounter	Diagnosis	ICD-10-CM
T63.314A	Toxic effect of venom of black widow spider, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.321A	Toxic effect of venom of tarantula, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.322	Toxic effect of venom of tarantula, intentional self-harm	Diagnosis	ICD-10-CM
T63.322A	Toxic effect of venom of tarantula, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.322D	Toxic effect of venom of tarantula, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.322S	Toxic effect of venom of tarantula, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.323A	Toxic effect of venom of tarantula, assault, initial encounter	Diagnosis	ICD-10-CM
T63.324A	Toxic effect of venom of tarantula, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.331A	Toxic effect of venom of brown recluse spider, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.332	Toxic effect of venom of brown recluse spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.332A	Toxic effect of venom of brown recluse spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.332D	Toxic effect of venom of brown recluse spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.332S	Toxic effect of venom of brown recluse spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.333A	Toxic effect of venom of brown recluse spider, assault, initial encounter	Diagnosis	ICD-10-CM
T63.334A	Toxic effect of venom of brown recluse spider, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.391A	Toxic effect of venom of other spider, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.392	Toxic effect of venom of other spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.392A	Toxic effect of venom of other spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.392D	Toxic effect of venom of other spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.392S	Toxic effect of venom of other spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.393A	Toxic effect of venom of other spider, assault, initial encounter	Diagnosis	ICD-10-CM
T63.394A	Toxic effect of venom of other spider, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.411A	Toxic effect of venom of centipedes and venomous millipedes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.412	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm	Diagnosis	ICD-10-CM
T63.412A	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.412D	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.412S	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.413A	Toxic effect of venom of centipedes and venomous millipedes, assault, initial encounter	Diagnosis	ICD-10-CM
T63.414A	Toxic effect of venom of centipedes and venomous millipedes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.421A	Toxic effect of venom of ants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.422	Toxic effect of venom of ants, intentional self-harm	Diagnosis	ICD-10-CM
T63.422A	Toxic effect of venom of ants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.422D	Toxic effect of venom of ants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.422S	Toxic effect of venom of ants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.423A	Toxic effect of venom of ants, assault, initial encounter	Diagnosis	ICD-10-CM
T63.424A	Toxic effect of venom of ants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.431A	Toxic effect of venom of caterpillars, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.432	Toxic effect of venom of caterpillars, intentional self-harm	Diagnosis	ICD-10-CM
T63.432A	Toxic effect of venom of caterpillars, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.432D	Toxic effect of venom of caterpillars, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.432S	Toxic effect of venom of caterpillars, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.433A	Toxic effect of venom of caterpillars, assault, initial encounter	Diagnosis	ICD-10-CM
T63.434A	Toxic effect of venom of caterpillars, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.441A	Toxic effect of venom of bees, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.442	Toxic effect of venom of bees, intentional self-harm	Diagnosis	ICD-10-CM
T63.442A	Toxic effect of venom of bees, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.442D	Toxic effect of venom of bees, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.442S	Toxic effect of venom of bees, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.443A	Toxic effect of venom of bees, assault, initial encounter	Diagnosis	ICD-10-CM
T63.444A	Toxic effect of venom of bees, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.451A	Toxic effect of venom of hornets, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.452	Toxic effect of venom of hornets, intentional self-harm	Diagnosis	ICD-10-CM
T63.452A	Toxic effect of venom of hornets, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.452D	Toxic effect of venom of hornets, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.452S	Toxic effect of venom of hornets, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.453A	Toxic effect of venom of hornets, assault, initial encounter	Diagnosis	ICD-10-CM
T63.454A	Toxic effect of venom of hornets, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.461A	Toxic effect of venom of wasps, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.462	Toxic effect of venom of wasps, intentional self-harm	Diagnosis	ICD-10-CM
T63.462A	Toxic effect of venom of wasps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.462D	Toxic effect of venom of wasps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.462S	Toxic effect of venom of wasps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.463A	Toxic effect of venom of wasps, assault, initial encounter	Diagnosis	ICD-10-CM
T63.464A	Toxic effect of venom of wasps, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.481A	Toxic effect of venom of other arthropod, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.482	Toxic effect of venom of other arthropod, intentional self-harm	Diagnosis	ICD-10-CM
T63.482A	Toxic effect of venom of other arthropod, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.482D	Toxic effect of venom of other arthropod, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.482S	Toxic effect of venom of other arthropod, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.483A	Toxic effect of venom of other arthropod, assault, initial encounter	Diagnosis	ICD-10-CM
T63.484A	Toxic effect of venom of other arthropod, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.511A	Toxic effect of contact with stingray, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.512	Toxic effect of contact with stingray, intentional self-harm	Diagnosis	ICD-10-CM
T63.512A	Toxic effect of contact with stingray, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.512D	Toxic effect of contact with stingray, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.512S	Toxic effect of contact with stingray, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.513A	Toxic effect of contact with stingray, assault, initial encounter	Diagnosis	ICD-10-CM
T63.514A	Toxic effect of contact with stingray, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.591A	Toxic effect of contact with other venomous fish, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.592	Toxic effect of contact with other venomous fish, intentional self-harm	Diagnosis	ICD-10-CM
T63.592A	Toxic effect of contact with other venomous fish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.592D	Toxic effect of contact with other venomous fish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.592S	Toxic effect of contact with other venomous fish, intentional self-harm,	Diagnosis	ICD-10-CM
T63.593A	Toxic effect of contact with other venomous fish, assault, initial encounter	Diagnosis	ICD-10-CM
T63.594A	Toxic effect of contact with other venomous fish, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.611A	Toxic effect of contact with Portuguese Man-o-war, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.612	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm	Diagnosis	ICD-10-CM
T63.612A	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.612D	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.612S	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.613A	Toxic effect of contact with Portuguese Man-o-war, assault, initial encounter	Diagnosis	ICD-10-CM
T63.614A	Toxic effect of contact with Portuguese Man-o-war, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.621A	Toxic effect of contact with other jellyfish, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.622	Toxic effect of contact with other jellyfish, intentional self-harm	Diagnosis	ICD-10-CM
T63.622A	Toxic effect of contact with other jellyfish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.622D	Toxic effect of contact with other jellyfish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.622S	Toxic effect of contact with other jellyfish, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.623A	Toxic effect of contact with other jellyfish, assault, initial encounter	Diagnosis	ICD-10-CM
T63.624A	Toxic effect of contact with other jellyfish, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.631A	Toxic effect of contact with sea anemone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.632	Toxic effect of contact with sea anemone, intentional self-harm	Diagnosis	ICD-10-CM
T63.632A	Toxic effect of contact with sea anemone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.632D	Toxic effect of contact with sea anemone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.632S	Toxic effect of contact with sea anemone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.633A	Toxic effect of contact with sea anemone, assault, initial encounter	Diagnosis	ICD-10-CM
T63.634A	Toxic effect of contact with sea anemone, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.691A	Toxic effect of contact with other venomous marine animals, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.692	Toxic effect of contact with other venomous marine animals, intentional self-harm	Diagnosis	ICD-10-CM
T63.692A	Toxic effect of contact with other venomous marine animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.692D	Toxic effect of contact with other venomous marine animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.692S	Toxic effect of contact with other venomous marine animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.693A	Toxic effect of contact with other venomous marine animals, assault, initial encounter	Diagnosis	ICD-10-CM
T63.694A	Toxic effect of contact with other venomous marine animals, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.711A	Toxic effect of contact with venomous marine plant, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.712	Toxic effect of contact with venomous marine plant, intentional self-harm	Diagnosis	ICD-10-CM
T63.712A	Toxic effect of contact with venomous marine plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.712D	Toxic effect of contact with venomous marine plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.712S	Toxic effect of contact with venomous marine plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.713A	Toxic effect of contact with venomous marine plant, assault, initial encounter	Diagnosis	ICD-10-CM
T63.714A	Toxic effect of contact with venomous marine plant, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.791A	Toxic effect of contact with other venomous plant, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.792	Toxic effect of contact with other venomous plant, intentional self-harm	Diagnosis	ICD-10-CM
T63.792A	Toxic effect of contact with other venomous plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.792D	Toxic effect of contact with other venomous plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.792S	Toxic effect of contact with other venomous plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.793A	Toxic effect of contact with other venomous plant, assault, initial encounter	Diagnosis	ICD-10-CM
T63.794A	Toxic effect of contact with other venomous plant, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.811A	Toxic effect of contact with venomous frog, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.812	Toxic effect of contact with venomous frog, intentional self-harm	Diagnosis	ICD-10-CM
T63.812A	Toxic effect of contact with venomous frog, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.812D	Toxic effect of contact with venomous frog, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.812S	Toxic effect of contact with venomous frog, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.813A	Toxic effect of contact with venomous frog, assault, initial encounter	Diagnosis	ICD-10-CM
T63.814A	Toxic effect of contact with venomous frog, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.821A	Toxic effect of contact with venomous toad, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.822	Toxic effect of contact with venomous toad, intentional self-harm	Diagnosis	ICD-10-CM
T63.822A	Toxic effect of contact with venomous toad, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.822D	Toxic effect of contact with venomous toad, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.822S	Toxic effect of contact with venomous toad, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.823A	Toxic effect of contact with venomous toad, assault, initial encounter	Diagnosis	ICD-10-CM
T63.824A	Toxic effect of contact with venomous toad, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.831A	Toxic effect of contact with other venomous amphibian, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.832	Toxic effect of contact with other venomous amphibian, intentional self-harm	Diagnosis	ICD-10-CM
T63.832A	Toxic effect of contact with other venomous amphibian, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.832D	Toxic effect of contact with other venomous amphibian, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.832S	Toxic effect of contact with other venomous amphibian, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.833A	Toxic effect of contact with other venomous amphibian, assault, initial encounter	Diagnosis	ICD-10-CM
T63.834A	Toxic effect of contact with other venomous amphibian, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.891A	Toxic effect of contact with other venomous animals, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.892	Toxic effect of contact with other venomous animals, intentional self-harm	Diagnosis	ICD-10-CM
T63.892A	Toxic effect of contact with other venomous animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.892D	Toxic effect of contact with other venomous animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.892S	Toxic effect of contact with other venomous animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.893A	Toxic effect of contact with other venomous animals, assault, initial encounter	Diagnosis	ICD-10-CM
T63.894A	Toxic effect of contact with other venomous animals, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.91XA	Toxic effect of contact with unspecified venomous animal, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.92	Toxic effect of contact with unspecified venomous animal, intentional self-harm	Diagnosis	ICD-10-CM
T63.92XA	Toxic effect of contact with unspecified venomous animal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.92XD	Toxic effect of contact with unspecified venomous animal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.92XS	Toxic effect of contact with unspecified venomous animal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.93XA	Toxic effect of contact with unspecified venomous animal, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.94XA	Toxic effect of contact with unspecified venomous animal, undetermined, initial encounter	Diagnosis	ICD-10-CM
T64.01XA	Toxic effect of aflatoxin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T64.02	Toxic effect of aflatoxin, intentional self-harm	Diagnosis	ICD-10-CM
T64.02XA	Toxic effect of aflatoxin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.02XD	Toxic effect of aflatoxin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T64.02XS	Toxic effect of aflatoxin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T64.03XA	Toxic effect of aflatoxin, assault, initial encounter	Diagnosis	ICD-10-CM
T64.04XA	Toxic effect of aflatoxin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T64.81XA	Toxic effect of other mycotoxin food contaminants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T64.82	Toxic effect of other mycotoxin food contaminants, intentional self-harm	Diagnosis	ICD-10-CM
T64.82XA	Toxic effect of other mycotoxin food contaminants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.82XD	Toxic effect of other mycotoxin food contaminants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T64.82XS	Toxic effect of other mycotoxin food contaminants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T64.83XA	Toxic effect of other mycotoxin food contaminants, assault, initial encounter	Diagnosis	ICD-10-CM
T64.84XA	Toxic effect of other mycotoxin food contaminants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.0X1A	Toxic effect of cyanides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.0X2	Toxic effect of cyanides, intentional self-harm	Diagnosis	ICD-10-CM
T65.0X2A	Toxic effect of cyanides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.0X2D	Toxic effect of cyanides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.0X2S	Toxic effect of cyanides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.0X3A	Toxic effect of cyanides, assault, initial encounter	Diagnosis	ICD-10-CM
T65.0X4A	Toxic effect of cyanides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.1X1A	Toxic effect of strychnine and its salts, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.1X2	Toxic effect of strychnine and its salts, intentional self-harm	Diagnosis	ICD-10-CM
T65.1X2A	Toxic effect of strychnine and its salts, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.1X2D	Toxic effect of strychnine and its salts, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.1X2S	Toxic effect of strychnine and its salts, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.1X3A	Toxic effect of strychnine and its salts, assault, initial encounter	Diagnosis	ICD-10-CM
T65.1X4A	Toxic effect of strychnine and its salts, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.211A	Toxic effect of chewing tobacco, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.212	Toxic effect of chewing tobacco, intentional self-harm	Diagnosis	ICD-10-CM
T65.212A	Toxic effect of chewing tobacco, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.212D	Toxic effect of chewing tobacco, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.212S	Toxic effect of chewing tobacco, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.213A	Toxic effect of chewing tobacco, assault, initial encounter	Diagnosis	ICD-10-CM
T65.214A	Toxic effect of chewing tobacco, undetermined, initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T65.221A	Toxic effect of tobacco cigarettes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.222	Toxic effect of tobacco cigarettes, intentional self-harm	Diagnosis	ICD-10-CM
T65.222A	Toxic effect of tobacco cigarettes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.222D	Toxic effect of tobacco cigarettes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.222S	Toxic effect of tobacco cigarettes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.223A	Toxic effect of tobacco cigarettes, assault, initial encounter	Diagnosis	ICD-10-CM
T65.224A	Toxic effect of tobacco cigarettes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.291A	Toxic effect of other tobacco and nicotine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.292	Toxic effect of other tobacco and nicotine, intentional self-harm	Diagnosis	ICD-10-CM
T65.292A	Toxic effect of other tobacco and nicotine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.292D	Toxic effect of other tobacco and nicotine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.292S	Toxic effect of other tobacco and nicotine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.293A	Toxic effect of other tobacco and nicotine, assault, initial encounter	Diagnosis	ICD-10-CM
T65.294A	Toxic effect of other tobacco and nicotine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.3X1A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.3X2	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm	Diagnosis	ICD-10-CM
T65.3X2A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.3X2D	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.3X2S	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.3X3A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, assault, initial encounter	Diagnosis	ICD-10-CM
T65.3X4A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.4X1A	Toxic effect of carbon disulfide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.4X2	Toxic effect of carbon disulfide, intentional self-harm	Diagnosis	ICD-10-CM
T65.4X2A	Toxic effect of carbon disulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.4X2D	Toxic effect of carbon disulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.4X2S	Toxic effect of carbon disulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.4X3A	Toxic effect of carbon disulfide, assault, initial encounter	Diagnosis	ICD-10-CM
T65.4X4A	Toxic effect of carbon disulfide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.5X1A	Toxic effect of nitroglycerin and other nitric acids and esters, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.5X2	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm	Diagnosis	ICD-10-CM
T65.5X2A	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T65.5X2D	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.5X2S	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.5X3A	Toxic effect of nitroglycerin and other nitric acids and esters, assault, initial encounter	Diagnosis	ICD-10-CM
T65.5X4A	Toxic effect of nitroglycerin and other nitric acids and esters, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.6X1A	Toxic effect of paints and dyes, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.6X2	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T65.6X2A	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.6X2D	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.6X2S	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.6X3A	Toxic effect of paints and dyes, not elsewhere classified, assault, initial encounter	Diagnosis	ICD-10-CM
T65.6X4A	Toxic effect of paints and dyes, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.811A	Toxic effect of latex, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.812	Toxic effect of latex, intentional self-harm	Diagnosis	ICD-10-CM
T65.812A	Toxic effect of latex, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.812D	Toxic effect of latex, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.812S	Toxic effect of latex, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.813A	Toxic effect of latex, assault, initial encounter	Diagnosis	ICD-10-CM
T65.814A	Toxic effect of latex, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.821A	Toxic effect of harmful algae and algae toxins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.822	Toxic effect of harmful algae and algae toxins, intentional self-harm	Diagnosis	ICD-10-CM
T65.822A	Toxic effect of harmful algae and algae toxins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.822D	Toxic effect of harmful algae and algae toxins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.822S	Toxic effect of harmful algae and algae toxins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.823A	Toxic effect of harmful algae and algae toxins, assault, initial encounter	Diagnosis	ICD-10-CM
T65.824A	Toxic effect of harmful algae and algae toxins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.831A	Toxic effect of fiberglass, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.832	Toxic effect of fiberglass, intentional self-harm	Diagnosis	ICD-10-CM
T65.832A	Toxic effect of fiberglass, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.832D	Toxic effect of fiberglass, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.832S	Toxic effect of fiberglass, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.833A	Toxic effect of fiberglass, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T65.834A	Toxic effect of fiberglass, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.891A	Toxic effect of other specified substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.892	Toxic effect of other specified substances, intentional self-harm	Diagnosis	ICD-10-CM
T65.892A	Toxic effect of other specified substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.892D	Toxic effect of other specified substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.892S	Toxic effect of other specified substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.893A	Toxic effect of other specified substances, assault, initial encounter	Diagnosis	ICD-10-CM
T65.894A	Toxic effect of other specified substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.91XA	Toxic effect of unspecified substance, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.92	Toxic effect of unspecified substance, intentional self-harm	Diagnosis	ICD-10-CM
T65.92XA	Toxic effect of unspecified substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.92XD	Toxic effect of unspecified substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.92XS	Toxic effect of unspecified substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.93XA	Toxic effect of unspecified substance, assault, initial encounter	Diagnosis	ICD-10-CM
T65.94XA	Toxic effect of unspecified substance, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.111A	Asphyxiation due to smothering under pillow, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.112	Asphyxiation due to smothering under pillow, intentional self-harm	Diagnosis	ICD-10-CM
T71.112A	Asphyxiation due to smothering under pillow, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.112D	Asphyxiation due to smothering under pillow, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.112S	Asphyxiation due to smothering under pillow, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.113A	Asphyxiation due to smothering under pillow, assault, initial encounter	Diagnosis	ICD-10-CM
T71.114A	Asphyxiation due to smothering under pillow, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.121A	Asphyxiation due to plastic bag, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.122	Asphyxiation due to plastic bag, intentional self-harm	Diagnosis	ICD-10-CM
T71.122A	Asphyxiation due to plastic bag, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.122D	Asphyxiation due to plastic bag, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.122S	Asphyxiation due to plastic bag, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.123A	Asphyxiation due to plastic bag, assault, initial encounter	Diagnosis	ICD-10-CM
T71.124A	Asphyxiation due to plastic bag, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.131A	Asphyxiation due to being trapped in bed linens, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.132	Asphyxiation due to being trapped in bed linens, intentional self-harm	Diagnosis	ICD-10-CM
T71.132A	Asphyxiation due to being trapped in bed linens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.132D	Asphyxiation due to being trapped in bed linens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.132S	Asphyxiation due to being trapped in bed linens, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.133A	Asphyxiation due to being trapped in bed linens, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T71.134A	Asphyxiation due to being trapped in bed linens, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.141A	Asphyxiation due to smothering under another person's body (in bed), accidental, initial encounter	Diagnosis	ICD-10-CM
T71.143A	Asphyxiation due to smothering under another person's body (in bed), assault, initial encounter	Diagnosis	ICD-10-CM
T71.144A	Asphyxiation due to smothering under another person's body (in bed), undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.151A	Asphyxiation due to smothering in furniture, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.152	Asphyxiation due to smothering in furniture, intentional self-harm	Diagnosis	ICD-10-CM
T71.152A	Asphyxiation due to smothering in furniture, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.152D	Asphyxiation due to smothering in furniture, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.152S	Asphyxiation due to smothering in furniture, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.153A	Asphyxiation due to smothering in furniture, assault, initial encounter	Diagnosis	ICD-10-CM
T71.154A	Asphyxiation due to smothering in furniture, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.161A	Asphyxiation due to hanging, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.162	Asphyxiation due to hanging, intentional self-harm	Diagnosis	ICD-10-CM
T71.162A	Asphyxiation due to hanging, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.162D	Asphyxiation due to hanging, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.162S	Asphyxiation due to hanging, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.163A	Asphyxiation due to hanging, assault, initial encounter	Diagnosis	ICD-10-CM
T71.164A	Asphyxiation due to hanging, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.191A	Asphyxiation due to mechanical threat to breathing due to other causes, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.192	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm	Diagnosis	ICD-10-CM
T71.192A	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.192D	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.192S	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.193A	Asphyxiation due to mechanical threat to breathing due to other causes, assault, initial encounter	Diagnosis	ICD-10-CM
T71.194A	Asphyxiation due to mechanical threat to breathing due to other causes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.20XA	Asphyxiation due to systemic oxygen deficiency due to low oxygen content in ambient air due to unspecified cause, initial encounter	Diagnosis	ICD-10-CM
T71.21XA	Asphyxiation due to cave-in or falling earth, initial encounter	Diagnosis	ICD-10-CM
T71.221A	Asphyxiation due to being trapped in a car trunk, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.222	Asphyxiation due to being trapped in a car trunk, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T71.222A	Asphyxiation due to being trapped in a car trunk, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.222D	Asphyxiation due to being trapped in a car trunk, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.222S	Asphyxiation due to being trapped in a car trunk, intentional self-harm,	Diagnosis	ICD-10-CM
T71.223A	Asphyxiation due to being trapped in a car trunk, assault, initial encounter	Diagnosis	ICD-10-CM
T71.224A	Asphyxiation due to being trapped in a car trunk, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.231A	Asphyxiation due to being trapped in a (discarded) refrigerator, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.232	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm	Diagnosis	ICD-10-CM
T71.232A	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.232D	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.232S	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.233A	Asphyxiation due to being trapped in a (discarded) refrigerator, assault, initial encounter	Diagnosis	ICD-10-CM
T71.234A	Asphyxiation due to being trapped in a (discarded) refrigerator, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.29XA	Asphyxiation due to being trapped in other low oxygen environment, initial encounter	Diagnosis	ICD-10-CM
T71.9XXA	Asphyxiation due to unspecified cause, initial encounter	Diagnosis	ICD-10-CM
T78.1XXA	Other adverse food reactions, not elsewhere classified, initial encounter	Diagnosis	ICD-10-CM
V40.0	Problems with learning	Diagnosis	ICD-9-CM
V40.2	Other mental problems	Diagnosis	ICD-9-CM
V40.3	Other behavioral problems	Diagnosis	ICD-9-CM
V40.31	Wandering in diseases classified elsewhere	Diagnosis	ICD-9-CM
V40.39	Other specified behavioral problem	Diagnosis	ICD-9-CM
V40.9	Unspecified mental or behavioral problem	Diagnosis	ICD-9-CM
V41.7	Problems with sexual function	Diagnosis	ICD-9-CM
V62.84	Suicidal ideation	Diagnosis	ICD-9-CM
V65.42	Counseling on substance use and abuse	Diagnosis	ICD-9-CM
V67.3	Psychotherapy and other treatment for mental disorder follow-up examination	Diagnosis	ICD-9-CM
X71	Intentional self-harm by drowning and submersion	Diagnosis	ICD-10-CM
X71.0	Intentional self-harm by drowning and submersion while in bathtub	Diagnosis	ICD-10-CM
X71.0XXA	Intentional self-harm by drowning and submersion while in bathtub, initial encounter	Diagnosis	ICD-10-CM
X71.0XXD	Intentional self-harm by drowning and submersion while in bathtub, subsequent encounter	Diagnosis	ICD-10-CM
X71.0XXS	Intentional self-harm by drowning and submersion while in bathtub, sequela	Diagnosis	ICD-10-CM
X71.1	Intentional self-harm by drowning and submersion while in swimming pool	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X71.1XXA	Intentional self-harm by drowning and submersion while in swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.1XXD	Intentional self-harm by drowning and submersion while in swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.1XXS	Intentional self-harm by drowning and submersion while in swimming pool, sequela	Diagnosis	ICD-10-CM
X71.2	Intentional self-harm by drowning and submersion after jump into swimming pool	Diagnosis	ICD-10-CM
X71.2XXA	Intentional self-harm by drowning and submersion after jump into swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.2XXD	Intentional self-harm by drowning and submersion after jump into swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.2XXS	Intentional self-harm by drowning and submersion after jump into swimming pool, sequela	Diagnosis	ICD-10-CM
X71.3	Intentional self-harm by drowning and submersion in natural water	Diagnosis	ICD-10-CM
X71.3XXA	Intentional self-harm by drowning and submersion in natural water, initial encounter	Diagnosis	ICD-10-CM
X71.3XXD	Intentional self-harm by drowning and submersion in natural water, subsequent encounter	Diagnosis	ICD-10-CM
X71.3XXS	Intentional self-harm by drowning and submersion in natural water, sequela	Diagnosis	ICD-10-CM
X71.8	Other intentional self-harm by drowning and submersion	Diagnosis	ICD-10-CM
X71.8XXA	Other intentional self-harm by drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
X71.8XXD	Other intentional self-harm by drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
X71.8XXS	Other intentional self-harm by drowning and submersion, sequela	Diagnosis	ICD-10-CM
X71.9	Intentional self-harm by drowning and submersion, unspecified	Diagnosis	ICD-10-CM
X71.9XXA	Intentional self-harm by drowning and submersion, unspecified, initial encounter	Diagnosis	ICD-10-CM
X71.9XXD	Intentional self-harm by drowning and submersion, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
X71.9XXS	Intentional self-harm by drowning and submersion, unspecified, sequela	Diagnosis	ICD-10-CM
X72	Intentional self-harm by handgun discharge	Diagnosis	ICD-10-CM
X72.XXXA	Intentional self-harm by handgun discharge, initial encounter	Diagnosis	ICD-10-CM
X72.XXXD	Intentional self-harm by handgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X72.XXXS	Intentional self-harm by handgun discharge, sequela	Diagnosis	ICD-10-CM
X73	Intentional self-harm by rifle, shotgun and larger firearm discharge	Diagnosis	ICD-10-CM
X73.0	Intentional self-harm by shotgun discharge	Diagnosis	ICD-10-CM
X73.0XXA	Intentional self-harm by shotgun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.0XXD	Intentional self-harm by shotgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.0XXS	Intentional self-harm by shotgun discharge, sequela	Diagnosis	ICD-10-CM
X73.1	Intentional self-harm by hunting rifle discharge	Diagnosis	ICD-10-CM
X73.1XXA	Intentional self-harm by hunting rifle discharge, initial encounter	Diagnosis	ICD-10-CM
X73.1XXD	Intentional self-harm by hunting rifle discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.1XXS	Intentional self-harm by hunting rifle discharge, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X73.2	Intentional self-harm by machine gun discharge	Diagnosis	ICD-10-CM
X73.2XXA	Intentional self-harm by machine gun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.2XXD	Intentional self-harm by machine gun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.2XXS	Intentional self-harm by machine gun discharge, sequela	Diagnosis	ICD-10-CM
X73.8	Intentional self-harm by other larger firearm discharge	Diagnosis	ICD-10-CM
X73.8XXA	Intentional self-harm by other larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.8XXD	Intentional self-harm by other larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.8XXS	Intentional self-harm by other larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X73.9	Intentional self-harm by unspecified larger firearm discharge	Diagnosis	ICD-10-CM
X73.9XXA	Intentional self-harm by unspecified larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.9XXD	Intentional self-harm by unspecified larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.9XXS	Intentional self-harm by unspecified larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X74	Intentional self-harm by other and unspecified firearm and gun discharge	Diagnosis	ICD-10-CM
X74.0	Intentional self-harm by gas, air or spring-operated guns	Diagnosis	ICD-10-CM
X74.01	Intentional self-harm by airgun	Diagnosis	ICD-10-CM
X74.01XA	Intentional self-harm by airgun, initial encounter	Diagnosis	ICD-10-CM
X74.01XD	Intentional self-harm by airgun, subsequent encounter	Diagnosis	ICD-10-CM
X74.01XS	Intentional self-harm by airgun, sequela	Diagnosis	ICD-10-CM
X74.02	Intentional self-harm by paintball gun	Diagnosis	ICD-10-CM
X74.02XA	Intentional self-harm by paintball gun, initial encounter	Diagnosis	ICD-10-CM
X74.02XD	Intentional self-harm by paintball gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.02XS	Intentional self-harm by paintball gun, sequela	Diagnosis	ICD-10-CM
X74.09	Intentional self-harm by other gas, air or spring-operated gun	Diagnosis	ICD-10-CM
X74.09XA	Intentional self-harm by other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
X74.09XD	Intentional self-harm by other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.09XS	Intentional self-harm by other gas, air or spring-operated gun, sequela	Diagnosis	ICD-10-CM
X74.8	Intentional self-harm by other firearm discharge	Diagnosis	ICD-10-CM
X74.8XXA	Intentional self-harm by other firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.8XXD	Intentional self-harm by other firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.8XXS	Intentional self-harm by other firearm discharge, sequela	Diagnosis	ICD-10-CM
X74.9	Intentional self-harm by unspecified firearm discharge	Diagnosis	ICD-10-CM
X74.9XXA	Intentional self-harm by unspecified firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.9XXD	Intentional self-harm by unspecified firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.9XXS	Intentional self-harm by unspecified firearm discharge, sequela	Diagnosis	ICD-10-CM
X75	Intentional self-harm by explosive material	Diagnosis	ICD-10-CM
X75.XXXA	Intentional self-harm by explosive material, initial encounter	Diagnosis	ICD-10-CM
X75.XXXD	Intentional self-harm by explosive material, subsequent encounter	Diagnosis	ICD-10-CM
X75.XXXS	Intentional self-harm by explosive material, sequela	Diagnosis	ICD-10-CM
X76	Intentional self-harm by smoke, fire and flames	Diagnosis	ICD-10-CM
X76.XXXA	Intentional self-harm by smoke, fire and flames, initial encounter	Diagnosis	ICD-10-CM
X76.XXXD	Intentional self-harm by smoke, fire and flames, subsequent encounter	Diagnosis	ICD-10-CM
X76.XXXS	Intentional self-harm by smoke, fire and flames, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X77	Intentional self-harm by steam, hot vapors and hot objects	Diagnosis	ICD-10-CM
X77.0	Intentional self-harm by steam or hot vapors	Diagnosis	ICD-10-CM
X77.0XXA	Intentional self-harm by steam or hot vapors, initial encounter	Diagnosis	ICD-10-CM
X77.0XXD	Intentional self-harm by steam or hot vapors, subsequent encounter	Diagnosis	ICD-10-CM
X77.0XXS	Intentional self-harm by steam or hot vapors, sequela	Diagnosis	ICD-10-CM
X77.1	Intentional self-harm by hot tap water	Diagnosis	ICD-10-CM
X77.1XXA	Intentional self-harm by hot tap water, initial encounter	Diagnosis	ICD-10-CM
X77.1XXD	Intentional self-harm by hot tap water, subsequent encounter	Diagnosis	ICD-10-CM
X77.1XXS	Intentional self-harm by hot tap water, sequela	Diagnosis	ICD-10-CM
X77.2	Intentional self-harm by other hot fluids	Diagnosis	ICD-10-CM
X77.2XXA	Intentional self-harm by other hot fluids, initial encounter	Diagnosis	ICD-10-CM
X77.2XXD	Intentional self-harm by other hot fluids, subsequent encounter	Diagnosis	ICD-10-CM
X77.2XXS	Intentional self-harm by other hot fluids, sequela	Diagnosis	ICD-10-CM
X77.3	Intentional self-harm by hot household appliances	Diagnosis	ICD-10-CM
X77.3XXA	Intentional self-harm by hot household appliances, initial encounter	Diagnosis	ICD-10-CM
X77.3XXD	Intentional self-harm by hot household appliances, subsequent encounter	Diagnosis	ICD-10-CM
X77.3XXS	Intentional self-harm by hot household appliances, sequela	Diagnosis	ICD-10-CM
X77.8	Intentional self-harm by other hot objects	Diagnosis	ICD-10-CM
X77.8XXA	Intentional self-harm by other hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.8XXD	Intentional self-harm by other hot objects, subsequent encounter	Diagnosis	ICD-10-CM
X77.8XXS	Intentional self-harm by other hot objects, sequela	Diagnosis	ICD-10-CM
X77.9	Intentional self-harm by unspecified hot objects	Diagnosis	ICD-10-CM
X77.9XXA	Intentional self-harm by unspecified hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.9XXD	Intentional self-harm by unspecified hot objects, subsequent encounter	Diagnosis	ICD-10-CM
X77.9XXS	Intentional self-harm by unspecified hot objects, sequela	Diagnosis	ICD-10-CM
X78	Intentional self-harm by sharp object	Diagnosis	ICD-10-CM
X78.0	Intentional self-harm by sharp glass	Diagnosis	ICD-10-CM
X78.0XXA	Intentional self-harm by sharp glass, initial encounter	Diagnosis	ICD-10-CM
X78.0XXD	Intentional self-harm by sharp glass, subsequent encounter	Diagnosis	ICD-10-CM
X78.0XXS	Intentional self-harm by sharp glass, sequela	Diagnosis	ICD-10-CM
X78.1	Intentional self-harm by knife	Diagnosis	ICD-10-CM
X78.1XXA	Intentional self-harm by knife, initial encounter	Diagnosis	ICD-10-CM
X78.1XXD	Intentional self-harm by knife, subsequent encounter	Diagnosis	ICD-10-CM
X78.1XXS	Intentional self-harm by knife, sequela	Diagnosis	ICD-10-CM
X78.2	Intentional self-harm by sword or dagger	Diagnosis	ICD-10-CM
X78.2XXA	Intentional self-harm by sword or dagger, initial encounter	Diagnosis	ICD-10-CM
X78.2XXD	Intentional self-harm by sword or dagger, subsequent encounter	Diagnosis	ICD-10-CM
X78.2XXS	Intentional self-harm by sword or dagger, sequela	Diagnosis	ICD-10-CM
X78.8	Intentional self-harm by other sharp object	Diagnosis	ICD-10-CM
X78.8XXA	Intentional self-harm by other sharp object, initial encounter	Diagnosis	ICD-10-CM
X78.8XXD	Intentional self-harm by other sharp object, subsequent encounter	Diagnosis	ICD-10-CM
X78.8XXS	Intentional self-harm by other sharp object, sequela	Diagnosis	ICD-10-CM
X78.9	Intentional self-harm by unspecified sharp object	Diagnosis	ICD-10-CM
X78.9XXA	Intentional self-harm by unspecified sharp object, initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
X78.9XXD	Intentional self-harm by unspecified sharp object, subsequent encounter	Diagnosis	ICD-10-CM
X78.9XXS	Intentional self-harm by unspecified sharp object, sequela	Diagnosis	ICD-10-CM
X79	Intentional self-harm by blunt object	Diagnosis	ICD-10-CM
X79.XXXA	Intentional self-harm by blunt object, initial encounter	Diagnosis	ICD-10-CM
X79.XXXD	Intentional self-harm by blunt object, subsequent encounter	Diagnosis	ICD-10-CM
X79.XXXS	Intentional self-harm by blunt object, sequela	Diagnosis	ICD-10-CM
X80	Intentional self-harm by jumping from a high place	Diagnosis	ICD-10-CM
X80.XXXA	Intentional self-harm by jumping from a high place, initial encounter	Diagnosis	ICD-10-CM
X80.XXXD	Intentional self-harm by jumping from a high place, subsequent encounter	Diagnosis	ICD-10-CM
X80.XXXS	Intentional self-harm by jumping from a high place, sequela	Diagnosis	ICD-10-CM
X81	Intentional self-harm by jumping or lying in front of moving object	Diagnosis	ICD-10-CM
X81.0	Intentional self-harm by jumping or lying in front of motor vehicle	Diagnosis	ICD-10-CM
X81.0XXA	Intentional self-harm by jumping or lying in front of motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X81.0XXD	Intentional self-harm by jumping or lying in front of motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X81.0XXS	Intentional self-harm by jumping or lying in front of motor vehicle, sequela	Diagnosis	ICD-10-CM
X81.1	Intentional self-harm by jumping or lying in front of (subway) train	Diagnosis	ICD-10-CM
X81.1XXA	Intentional self-harm by jumping or lying in front of (subway) train, initial encounter	Diagnosis	ICD-10-CM
X81.1XXD	Intentional self-harm by jumping or lying in front of (subway) train, subsequent encounter	Diagnosis	ICD-10-CM
X81.1XXS	Intentional self-harm by jumping or lying in front of (subway) train, sequela	Diagnosis	ICD-10-CM
X81.8	Intentional self-harm by jumping or lying in front of other moving object	Diagnosis	ICD-10-CM
X81.8XXA	Intentional self-harm by jumping or lying in front of other moving object, initial encounter	Diagnosis	ICD-10-CM
X81.8XXD	Intentional self-harm by jumping or lying in front of other moving object, subsequent encounter	Diagnosis	ICD-10-CM
X81.8XXS	Intentional self-harm by jumping or lying in front of other moving object, sequela	Diagnosis	ICD-10-CM
X82	Intentional self-harm by crashing of motor vehicle	Diagnosis	ICD-10-CM
X82.0	Intentional collision of motor vehicle with other motor vehicle	Diagnosis	ICD-10-CM
X82.0XXA	Intentional collision of motor vehicle with other motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X82.0XXD	Intentional collision of motor vehicle with other motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X82.0XXS	Intentional collision of motor vehicle with other motor vehicle, sequela	Diagnosis	ICD-10-CM
X82.1	Intentional collision of motor vehicle with train	Diagnosis	ICD-10-CM
X82.1XXA	Intentional collision of motor vehicle with train, initial encounter	Diagnosis	ICD-10-CM
X82.1XXD	Intentional collision of motor vehicle with train, subsequent encounter	Diagnosis	ICD-10-CM
X82.1XXS	Intentional collision of motor vehicle with train, sequela	Diagnosis	ICD-10-CM
X82.2	Intentional collision of motor vehicle with tree	Diagnosis	ICD-10-CM
X82.2XXA	Intentional collision of motor vehicle with tree, initial encounter	Diagnosis	ICD-10-CM
X82.2XXD	Intentional collision of motor vehicle with tree, subsequent encounter	Diagnosis	ICD-10-CM
X82.2XXS	Intentional collision of motor vehicle with tree, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X82.8	Other intentional self-harm by crashing of motor vehicle	Diagnosis	ICD-10-CM
X82.8XXA	Other intentional self-harm by crashing of motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X82.8XXD	Other intentional self-harm by crashing of motor vehicle, subsequent	Diagnosis	ICD-10-CM
X82.8XXS	Other intentional self-harm by crashing of motor vehicle, sequela	Diagnosis	ICD-10-CM
X83	Intentional self-harm by other specified means	Diagnosis	ICD-10-CM
X83.0	Intentional self-harm by crashing of aircraft	Diagnosis	ICD-10-CM
X83.0XXA	Intentional self-harm by crashing of aircraft, initial encounter	Diagnosis	ICD-10-CM
X83.0XXD	Intentional self-harm by crashing of aircraft, subsequent encounter	Diagnosis	ICD-10-CM
X83.0XXS	Intentional self-harm by crashing of aircraft, sequela	Diagnosis	ICD-10-CM
X83.1	Intentional self-harm by electrocution	Diagnosis	ICD-10-CM
X83.1XXA	Intentional self-harm by electrocution, initial encounter	Diagnosis	ICD-10-CM
X83.1XXD	Intentional self-harm by electrocution, subsequent encounter	Diagnosis	ICD-10-CM
X83.1XXS	Intentional self-harm by electrocution, sequela	Diagnosis	ICD-10-CM
X83.2	Intentional self-harm by exposure to extremes of cold	Diagnosis	ICD-10-CM
X83.2XXA	Intentional self-harm by exposure to extremes of cold, initial encounter	Diagnosis	ICD-10-CM
X83.2XXD	Intentional self-harm by exposure to extremes of cold, subsequent encounter	Diagnosis	ICD-10-CM
X83.2XXS	Intentional self-harm by exposure to extremes of cold, sequela	Diagnosis	ICD-10-CM
X83.8	Intentional self-harm by other specified means	Diagnosis	ICD-10-CM
X83.8XXA	Intentional self-harm by other specified means, initial encounter	Diagnosis	ICD-10-CM
X83.8XXD	Intentional self-harm by other specified means, subsequent encounter	Diagnosis	ICD-10-CM
X83.8XXS	Intentional self-harm by other specified means, sequela	Diagnosis	ICD-10-CM
Z87.890	Personal history of sex reassignment	Diagnosis	ICD-10-CM
Z91.5	Personal history of self-harm	Diagnosis	ICD-10-CM
Z91.83	Wandering in diseases classified elsewhere	Diagnosis	ICD-10-CM
Psychiatric Drug Dispensing			
C9035	Injection, aripiprazole lauroxil (Aristada Initio), 1 mg	Procedure	HCPCS
C9037	Injection, risperidone (Perseris), 0.5 mg	Procedure	HCPCS
C9125	Injection, risperidone, per 12.5 mg	Procedure	HCPCS
C9204	Injection, ziprasidone mesylate injection, per 20 mg	Procedure	HCPCS
C9255	Injection, paliperidone palmitate, 1 mg	Procedure	HCPCS
C9470	Injection, aripiprazole lauroxil, 1 mg	Procedure	HCPCS
C9497	Loxapine, inhalation powder, 10 mg	Procedure	HCPCS
J0400	Injection, aripiprazole, intramuscular, 0.25 mg	Procedure	HCPCS
J0401	Injection, aripiprazole, extended release, 1 mg	Procedure	HCPCS
J1320	Injection, amitriptyline HCl, up to 20 mg	Procedure	HCPCS
J1630	Injection, haloperidol, up to 5 mg	Procedure	HCPCS
J1631	Injection, haloperidol decanoate, per 50 mg	Procedure	HCPCS
J1790	Injection, droperidol, up to 5 mg	Procedure	HCPCS
J1810	Injection, droperidol and fentanyl citrate, up to 2 ml ampule	Procedure	HCPCS
J1942	Injection, aripiprazole lauroxil, 1 mg	Procedure	HCPCS
J1990	Injection, chlordiazepoxide HCl, up to 100 mg	Procedure	HCPCS
J2060	Injection, lorazepam, 2 mg	Procedure	HCPCS
J2062	Loxapine for inhalation, 1 mg	Procedure	HCPCS
J2330	Injection, thiothixene, up to 4 mg	Procedure	HCPCS

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Code	Description	Code Category	Code Type
J2358	Injection, olanzapine, long-acting, 1 mg	Procedure	HCPCS
J2426	Injection, paliperidone palmitate extended release, 1 mg	Procedure	HCPCS
J2515	Injection, pentobarbital sodium, per 50 mg	Procedure	HCPCS
J2680	Injection, fluphenazine decanoate, up to 25 mg	Procedure	HCPCS
J2794	Injection, risperidone (RISPERDAL CONSTA), 0.5 mg	Procedure	HCPCS
J3230	Injection, chlorpromazine HCl, up to 50 mg	Procedure	HCPCS
J3270	Injection, imipramine hcl, up to 25 mg	Procedure	HCPCS
J3310	Injection, perphenazine, up to 5 mg	Procedure	HCPCS
J3360	Injection, diazepam, up to 5 mg	Procedure	HCPCS
J3486	Injection, ziprasidone mesylate, 10 mg	Procedure	HCPCS
S0136	Clozapine, 25 mg	Procedure	HCPCS
S0160	Dextroamphetamine sulfate, 5 mg	Procedure	HCPCS
S0163	Injection, risperidone, long acting, 12.5 mg	Procedure	HCPCS
S0166	Injection, olanzapine, 2.5 mg	Procedure	HCPCS
Self-Harm Encounter			
293.83	Mood disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
296.0	Bipolar I disorder, single manic episode	Diagnosis	ICD-9-CM
296.00	Bipolar I disorder, single manic episode, unspecified	Diagnosis	ICD-9-CM
296.01	Bipolar I disorder, single manic episode, mild	Diagnosis	ICD-9-CM
296.02	Bipolar I disorder, single manic episode, moderate	Diagnosis	ICD-9-CM
296.03	Bipolar I disorder, single manic episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.04	Bipolar I disorder, single manic episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.05	Bipolar I disorder, single manic episode, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.06	Bipolar I disorder, single manic episode, in full remission	Diagnosis	ICD-9-CM
296.1	Manic disorder, recurrent episode	Diagnosis	ICD-9-CM
296.10	Manic disorder, recurrent episode, unspecified	Diagnosis	ICD-9-CM
296.11	Manic disorder, recurrent episode, mild	Diagnosis	ICD-9-CM
296.12	Manic disorder, recurrent episode, moderate	Diagnosis	ICD-9-CM
296.13	Manic disorder, recurrent episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.14	Manic disorder, recurrent episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.15	Manic disorder, recurrent episode, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.16	Manic disorder, recurrent episode, in full remission	Diagnosis	ICD-9-CM
296.2	Major depressive disorder, single episode	Diagnosis	ICD-9-CM
296.20	Major depressive disorder, single episode, unspecified	Diagnosis	ICD-9-CM
296.21	Major depressive disorder, single episode, mild	Diagnosis	ICD-9-CM
296.22	Major depressive disorder, single episode, moderate	Diagnosis	ICD-9-CM
296.23	Major depressive disorder, single episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.24	Major depressive disorder, single episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.25	Major depressive disorder, single episode, in partial or unspecified remission	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
296.26	Major depressive disorder, single episode in full remission	Diagnosis	ICD-9-CM
296.3	Major depressive disorder, recurrent episode	Diagnosis	ICD-9-CM
296.30	Major depressive disorder, recurrent episode, unspecified	Diagnosis	ICD-9-CM
296.31	Major depressive disorder, recurrent episode, mild	Diagnosis	ICD-9-CM
296.32	Major depressive disorder, recurrent episode, moderate	Diagnosis	ICD-9-CM
296.33	Major depressive disorder, recurrent episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.34	Major depressive disorder, recurrent episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.35	Major depressive disorder, recurrent episode, in partial or unspecified	Diagnosis	ICD-9-CM
296.36	Major depressive disorder, recurrent episode, in full remission	Diagnosis	ICD-9-CM
296.4	Bipolar I disorder, most recent episode (or current) manic	Diagnosis	ICD-9-CM
296.40	Bipolar I disorder, most recent episode (or current) manic, unspecified	Diagnosis	ICD-9-CM
296.41	Bipolar I disorder, most recent episode (or current) manic, mild	Diagnosis	ICD-9-CM
296.42	Bipolar I disorder, most recent episode (or current) manic, moderate	Diagnosis	ICD-9-CM
296.43	Bipolar I disorder, most recent episode (or current) manic, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.44	Bipolar I disorder, most recent episode (or current) manic, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.45	Bipolar I disorder, most recent episode (or current) manic, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.46	Bipolar I disorder, most recent episode (or current) manic, in full remission	Diagnosis	ICD-9-CM
296.5	Bipolar I disorder, most recent episode (or current), depressed	Diagnosis	ICD-9-CM
296.50	Bipolar I disorder, most recent episode (or current) depressed, unspecified	Diagnosis	ICD-9-CM
296.51	Bipolar I disorder, most recent episode (or current) depressed, mild	Diagnosis	ICD-9-CM
296.52	Bipolar I disorder, most recent episode (or current) depressed, moderate	Diagnosis	ICD-9-CM
296.53	Bipolar I disorder, most recent episode (or current) depressed, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.54	Bipolar I disorder, most recent episode (or current) depressed, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.55	Bipolar I disorder, most recent episode (or current) depressed, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.56	Bipolar I disorder, most recent episode (or current) depressed, in full remission	Diagnosis	ICD-9-CM
296.6	Bipolar I disorder, most recent episode (or current), mixed	Diagnosis	ICD-9-CM
296.60	Bipolar I disorder, most recent episode (or current) mixed, unspecified	Diagnosis	ICD-9-CM
296.61	Bipolar I disorder, most recent episode (or current) mixed, mild	Diagnosis	ICD-9-CM
296.62	Bipolar I disorder, most recent episode (or current) mixed, moderate	Diagnosis	ICD-9-CM
296.63	Bipolar I disorder, most recent episode (or current) mixed, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.64	Bipolar I disorder, most recent episode (or current) mixed, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.65	Bipolar I disorder, most recent episode (or current) mixed, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.66	Bipolar I disorder, most recent episode (or current) mixed, in full remission	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
296.7	Bipolar I disorder, most recent episode (or current) unspecified	Diagnosis	ICD-9-CM
296.8	Other and unspecified bipolar disorders	Diagnosis	ICD-9-CM
296.80	Bipolar disorder, unspecified	Diagnosis	ICD-9-CM
296.81	Atypical manic disorder	Diagnosis	ICD-9-CM
296.82	Atypical depressive disorder	Diagnosis	ICD-9-CM
296.89	Other and unspecified bipolar disorders	Diagnosis	ICD-9-CM
296.90	Unspecified episodic mood disorder	Diagnosis	ICD-9-CM
296.99	Other specified episodic mood disorder	Diagnosis	ICD-9-CM
298.0	Depressive type psychosis	Diagnosis	ICD-9-CM
300.4	Dysthymic disorder	Diagnosis	ICD-9-CM
300.9	Unspecified nonpsychotic mental disorder	Diagnosis	ICD-9-CM
301.0	Paranoid personality disorder	Diagnosis	ICD-9-CM
301.1	Affective personality disorder	Diagnosis	ICD-9-CM
301.10	Affective personality disorder, unspecified	Diagnosis	ICD-9-CM
301.11	Chronic hypomanic personality disorder	Diagnosis	ICD-9-CM
301.12	Chronic depressive personality disorder	Diagnosis	ICD-9-CM
301.13	Cyclothymic disorder	Diagnosis	ICD-9-CM
301.2	Schizoid personality disorder	Diagnosis	ICD-9-CM
301.20	Schizoid personality disorder, unspecified	Diagnosis	ICD-9-CM
301.21	Introverted personality	Diagnosis	ICD-9-CM
301.22	Schizotypal personality disorder	Diagnosis	ICD-9-CM
301.3	Explosive personality disorder	Diagnosis	ICD-9-CM
301.4	Obsessive-compulsive personality disorder	Diagnosis	ICD-9-CM
301.5	Histrionic personality disorder	Diagnosis	ICD-9-CM
301.50	Histrionic personality disorder, unspecified	Diagnosis	ICD-9-CM
301.51	Chronic factitious illness with physical symptoms	Diagnosis	ICD-9-CM
301.59	Other histrionic personality disorder	Diagnosis	ICD-9-CM
301.6	Dependent personality disorder	Diagnosis	ICD-9-CM
301.7	Antisocial personality disorder	Diagnosis	ICD-9-CM
301.8	Other personality disorders	Diagnosis	ICD-9-CM
301.81	Narcissistic personality disorder	Diagnosis	ICD-9-CM
301.82	Avoidant personality disorder	Diagnosis	ICD-9-CM
301.83	Borderline personality disorder	Diagnosis	ICD-9-CM
301.84	Passive-aggressive personality	Diagnosis	ICD-9-CM
301.89	Other personality disorder	Diagnosis	ICD-9-CM
301.9	Unspecified personality disorder	Diagnosis	ICD-9-CM
309.0	Adjustment disorder with depressed mood	Diagnosis	ICD-9-CM
309.1	Prolonged depressive reaction as adjustment reaction	Diagnosis	ICD-9-CM
309.2	Predominant disturbance of other emotions as adjustment reaction	Diagnosis	ICD-9-CM
309.21	Separation anxiety disorder	Diagnosis	ICD-9-CM
309.22	Emancipation disorder of adolescence and early adult life	Diagnosis	ICD-9-CM
309.23	Specific academic or work inhibition as adjustment reaction	Diagnosis	ICD-9-CM
309.24	Adjustment disorder with anxiety	Diagnosis	ICD-9-CM
309.28	Adjustment disorder with mixed anxiety and depressed mood	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
309.29	Other adjustment reaction with predominant disturbance of other emotions	Diagnosis	ICD-9-CM
309.3	Adjustment disorder with disturbance of conduct	Diagnosis	ICD-9-CM
309.4	Adjustment disorder with mixed disturbance of emotions and conduct	Diagnosis	ICD-9-CM
309.8	Other specified adjustment reactions	Diagnosis	ICD-9-CM
309.81	Posttraumatic stress disorder	Diagnosis	ICD-9-CM
309.82	Adjustment reaction with physical symptoms	Diagnosis	ICD-9-CM
309.83	Adjustment reaction with withdrawal	Diagnosis	ICD-9-CM
309.89	Other specified adjustment reaction	Diagnosis	ICD-9-CM
309.9	Unspecified adjustment reaction	Diagnosis	ICD-9-CM
311	Depressive disorder, not elsewhere classified	Diagnosis	ICD-9-CM
881	Open wound of elbow, forearm, and wrist	Diagnosis	ICD-9-CM
960	Poisoning by antibiotics	Diagnosis	ICD-9-CM
960.0	Poisoning by penicillins	Diagnosis	ICD-9-CM
960.1	Poisoning by antifungal antibiotics	Diagnosis	ICD-9-CM
960.2	Poisoning by chloramphenicol group	Diagnosis	ICD-9-CM
960.3	Poisoning by erythromycin and other macrolides	Diagnosis	ICD-9-CM
960.4	Poisoning by tetracycline group	Diagnosis	ICD-9-CM
960.5	Poisoning of cephalosporin group	Diagnosis	ICD-9-CM
960.6	Poisoning of antimycobacterial antibiotics	Diagnosis	ICD-9-CM
960.7	Poisoning by antineoplastic antibiotics	Diagnosis	ICD-9-CM
960.8	Poisoning by other specified antibiotics	Diagnosis	ICD-9-CM
960.9	Poisoning by unspecified antibiotic	Diagnosis	ICD-9-CM
961	Poisoning by other anti-infectives	Diagnosis	ICD-9-CM
961.0	Poisoning by sulfonamides	Diagnosis	ICD-9-CM
961.1	Poisoning by arsenical anti-infectives	Diagnosis	ICD-9-CM
961.2	Poisoning by heavy metal anti-infectives	Diagnosis	ICD-9-CM
961.3	Poisoning by quinoline and hydroxyquinoline derivatives	Diagnosis	ICD-9-CM
961.4	Poisoning by antimalarials and drugs acting on other blood protozoa	Diagnosis	ICD-9-CM
961.5	Poisoning by other antiprotozoal drugs	Diagnosis	ICD-9-CM
961.6	Poisoning by anthelmintics	Diagnosis	ICD-9-CM
961.7	Poisoning by antiviral drugs	Diagnosis	ICD-9-CM
961.8	Poisoning by other antimycobacterial drugs	Diagnosis	ICD-9-CM
961.9	Poisoning by other and unspecified anti-infectives	Diagnosis	ICD-9-CM
962	Poisoning by hormones and synthetic substitutes	Diagnosis	ICD-9-CM
962.0	Poisoning by adrenal cortical steroids	Diagnosis	ICD-9-CM
962.1	Poisoning by androgens and anabolic congeners	Diagnosis	ICD-9-CM
962.2	Poisoning by ovarian hormones and synthetic substitutes	Diagnosis	ICD-9-CM
962.3	Poisoning by insulins and antidiabetic agents	Diagnosis	ICD-9-CM
962.4	Poisoning by anterior pituitary hormones	Diagnosis	ICD-9-CM
962.5	Poisoning by posterior pituitary hormones	Diagnosis	ICD-9-CM
962.6	Poisoning by parathyroid and parathyroid derivatives	Diagnosis	ICD-9-CM
962.7	Poisoning by thyroid and thyroid derivatives	Diagnosis	ICD-9-CM
962.8	Poisoning by antithyroid agents	Diagnosis	ICD-9-CM
962.9	Poisoning by other and unspecified hormones and synthetic substitutes	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
963	Poisoning by primarily systemic agents	Diagnosis	ICD-9-CM
963.0	Poisoning by antiallergic and antiemetic drugs	Diagnosis	ICD-9-CM
963.1	Poisoning by antineoplastic and immunosuppressive drugs	Diagnosis	ICD-9-CM
963.2	Poisoning by acidifying agents	Diagnosis	ICD-9-CM
963.3	Poisoning by alkalinizing agents	Diagnosis	ICD-9-CM
963.4	Poisoning by enzymes, not elsewhere classified	Diagnosis	ICD-9-CM
963.5	Poisoning by vitamins, not elsewhere classified	Diagnosis	ICD-9-CM
963.8	Poisoning by other specified systemic agents	Diagnosis	ICD-9-CM
963.9	Poisoning by unspecified systemic agent	Diagnosis	ICD-9-CM
964	Poisoning by agents primarily affecting blood constituents	Diagnosis	ICD-9-CM
964.0	Poisoning by iron and its compounds	Diagnosis	ICD-9-CM
964.1	Poisoning by liver preparations and other antianemic agents	Diagnosis	ICD-9-CM
964.2	Poisoning by anticoagulants	Diagnosis	ICD-9-CM
964.3	Poisoning by vitamin K (phytonadione)	Diagnosis	ICD-9-CM
964.4	Poisoning by fibrinolysis-affecting drugs	Diagnosis	ICD-9-CM
964.5	Poisoning by anticoagulant antagonists and other coagulants	Diagnosis	ICD-9-CM
964.6	Poisoning by gamma globulin	Diagnosis	ICD-9-CM
964.7	Poisoning by natural blood and blood products	Diagnosis	ICD-9-CM
964.8	Poisoning by other specified agents affecting blood constituents	Diagnosis	ICD-9-CM
964.9	Poisoning by unspecified agent affecting blood constituents	Diagnosis	ICD-9-CM
965	Poisoning by analgesics, antipyretics, and antirheumatics	Diagnosis	ICD-9-CM
965.0	Poisoning by opiates and related narcotics	Diagnosis	ICD-9-CM
965.00	Poisoning by opium (alkaloids), unspecified	Diagnosis	ICD-9-CM
965.01	Poisoning by heroin	Diagnosis	ICD-9-CM
965.02	Poisoning by methadone	Diagnosis	ICD-9-CM
965.09	Poisoning by opiates and related narcotics, other	Diagnosis	ICD-9-CM
965.1	Poisoning by salicylates	Diagnosis	ICD-9-CM
965.4	Poisoning by aromatic analgesics, not elsewhere classified	Diagnosis	ICD-9-CM
965.5	Poisoning by pyrazole derivatives	Diagnosis	ICD-9-CM
965.6	Poisoning by antirheumatics (antiphlogistics)	Diagnosis	ICD-9-CM
965.61	Poisoning by propionic acid derivatives	Diagnosis	ICD-9-CM
965.69	Poisoning by other antirheumatics	Diagnosis	ICD-9-CM
965.7	Poisoning by other non-narcotic analgesics	Diagnosis	ICD-9-CM
965.8	Poisoning by other specified analgesics and antipyretics	Diagnosis	ICD-9-CM
965.9	Poisoning by unspecified analgesic and antipyretic	Diagnosis	ICD-9-CM
966	Poisoning by anticonvulsants and anti-Parkinsonism drugs	Diagnosis	ICD-9-CM
966.0	Poisoning by oxazolidine derivatives	Diagnosis	ICD-9-CM
966.1	Poisoning by hydantoin derivatives	Diagnosis	ICD-9-CM
966.2	Poisoning by succinimides	Diagnosis	ICD-9-CM
966.3	Poisoning by other and unspecified anticonvulsants	Diagnosis	ICD-9-CM
966.4	Poisoning by anti-Parkinsonism drugs	Diagnosis	ICD-9-CM
967	Poisoning by sedatives and hypnotics	Diagnosis	ICD-9-CM
967.0	Poisoning by barbiturates	Diagnosis	ICD-9-CM
967.1	Poisoning by chloral hydrate group	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
967.2	Poisoning by paraldehyde	Diagnosis	ICD-9-CM
967.3	Poisoning by bromine compounds	Diagnosis	ICD-9-CM
967.4	Poisoning by methaqualone compounds	Diagnosis	ICD-9-CM
967.5	Poisoning by glutethimide group	Diagnosis	ICD-9-CM
967.6	Poisoning by mixed sedatives, not elsewhere classified	Diagnosis	ICD-9-CM
967.8	Poisoning by other sedatives and hypnotics	Diagnosis	ICD-9-CM
967.9	Poisoning by unspecified sedative or hypnotic	Diagnosis	ICD-9-CM
968	Poisoning by other central nervous system depressants and anesthetics	Diagnosis	ICD-9-CM
968.0	Poisoning by central nervous system muscle-tone depressants	Diagnosis	ICD-9-CM
968.1	Poisoning by halothane	Diagnosis	ICD-9-CM
968.2	Poisoning by other gaseous anesthetics	Diagnosis	ICD-9-CM
968.3	Poisoning by intravenous anesthetics	Diagnosis	ICD-9-CM
968.4	Poisoning by other and unspecified general anesthetics	Diagnosis	ICD-9-CM
968.5	Poisoning by other central nervous system depressants and anesthetics, Surface (topical) and infiltration anesthetics	Diagnosis	ICD-9-CM
968.6	Poisoning by peripheral nerve- and plexus-blocking anesthetics	Diagnosis	ICD-9-CM
968.7	Poisoning by spinal anesthetics	Diagnosis	ICD-9-CM
968.9	Poisoning by other and unspecified local anesthetics	Diagnosis	ICD-9-CM
969	Poisoning by psychotropic agents	Diagnosis	ICD-9-CM
969.0	Poisoning by antidepressants	Diagnosis	ICD-9-CM
969.00	Poisoning by antidepressant, unspecified	Diagnosis	ICD-9-CM
969.01	Poisoning by monoamine oxidase inhibitors	Diagnosis	ICD-9-CM
969.02	Poisoning by selective serotonin and norepinephrine reuptake inhibitors	Diagnosis	ICD-9-CM
969.03	Poisoning by selective serotonin reuptake inhibitors	Diagnosis	ICD-9-CM
969.04	Poisoning by tetracyclic antidepressants	Diagnosis	ICD-9-CM
969.05	Poisoning by tricyclic antidepressants	Diagnosis	ICD-9-CM
969.09	Poisoning by other antidepressants	Diagnosis	ICD-9-CM
969.1	Poisoning by phenothiazine-based tranquilizers	Diagnosis	ICD-9-CM
969.2	Poisoning by butyrophenone-based tranquilizers	Diagnosis	ICD-9-CM
969.3	Poisoning by other antipsychotics, neuroleptics, and major tranquilizers	Diagnosis	ICD-9-CM
969.4	Poisoning by benzodiazepine-based tranquilizers	Diagnosis	ICD-9-CM
969.5	Poisoning by other tranquilizers	Diagnosis	ICD-9-CM
969.6	Poisoning by psychodysleptics (hallucinogens)	Diagnosis	ICD-9-CM
969.7	Poisoning by psychostimulants	Diagnosis	ICD-9-CM
969.70	Poisoning by psychostimulant, unspecified	Diagnosis	ICD-9-CM
969.71	Poisoning by caffeine	Diagnosis	ICD-9-CM
969.72	Poisoning by amphetamines	Diagnosis	ICD-9-CM
969.73	Poisoning by methylphenidate	Diagnosis	ICD-9-CM
969.79	Poisoning by other psychostimulants	Diagnosis	ICD-9-CM
969.8	Poisoning by other specified psychotropic agents	Diagnosis	ICD-9-CM
969.9	Poisoning by unspecified psychotropic agent	Diagnosis	ICD-9-CM
970	Poisoning by central nervous system stimulants	Diagnosis	ICD-9-CM
970.0	Poisoning by analeptics	Diagnosis	ICD-9-CM
970.1	Poisoning by opiate antagonists	Diagnosis	ICD-9-CM



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

Code	Description	Code Category	Code Type
970.8	Poisoning by other specified central nervous system stimulants	Diagnosis	ICD-9-CM
970.9	Poisoning by unspecified central nervous system stimulant	Diagnosis	ICD-9-CM
971	Poisoning by drugs primarily affecting the autonomic nervous system	Diagnosis	ICD-9-CM
971.0	Poisoning by parasympathomimetics (cholinergics)	Diagnosis	ICD-9-CM
971.1	Poisoning by parasympatholytics (anticholinergics and antimuscarinics) and spasmolytics	Diagnosis	ICD-9-CM
971.2	Poisoning by sympathomimetics (adrenergics)	Diagnosis	ICD-9-CM
971.3	Poisoning by sympatholytics (antiadrenergics)	Diagnosis	ICD-9-CM
971.9	Poisoning by unspecified drug primarily affecting autonomic nervous system	Diagnosis	ICD-9-CM
972	Poisoning by agents primarily affecting the cardiovascular system	Diagnosis	ICD-9-CM
972.0	Poisoning by cardiac rhythm regulators	Diagnosis	ICD-9-CM
972.1	Poisoning by cardiotonic glycosides and drugs of similar action	Diagnosis	ICD-9-CM
972.2	Poisoning by antilipemic and antiarteriosclerotic drugs	Diagnosis	ICD-9-CM
972.3	Poisoning by ganglion-blocking agents	Diagnosis	ICD-9-CM
972.4	Poisoning by coronary vasodilators	Diagnosis	ICD-9-CM
972.5	Poisoning by other vasodilators	Diagnosis	ICD-9-CM
972.6	Poisoning by other antihypertensive agents	Diagnosis	ICD-9-CM
972.7	Poisoning by antivaricose drugs, including sclerosing agents	Diagnosis	ICD-9-CM
972.8	Poisoning by capillary-active drugs	Diagnosis	ICD-9-CM
972.9	Poisoning by other and unspecified agents primarily affecting the cardiovascular system	Diagnosis	ICD-9-CM
973	Poisoning by agents primarily affecting the gastrointestinal system	Diagnosis	ICD-9-CM
973.0	Poisoning by antacids and antigastric secretion drugs	Diagnosis	ICD-9-CM
973.1	Poisoning by irritant cathartics	Diagnosis	ICD-9-CM
973.2	Poisoning by emollient cathartics	Diagnosis	ICD-9-CM
973.3	Poisoning by other cathartics, including intestinal atonia drugs	Diagnosis	ICD-9-CM
973.4	Poisoning by digestants	Diagnosis	ICD-9-CM
973.5	Poisoning by antidiarrheal drugs	Diagnosis	ICD-9-CM
973.6	Poisoning by emetics	Diagnosis	ICD-9-CM
973.8	Poisoning by other specified agents primarily affecting the gastrointestinal system	Diagnosis	ICD-9-CM
973.9	Poisoning by unspecified agent primarily affecting the gastrointestinal system	Diagnosis	ICD-9-CM
974	Poisoning by water, mineral, and uric acid metabolism drugs	Diagnosis	ICD-9-CM
974.0	Poisoning by mercurial diuretics	Diagnosis	ICD-9-CM
974.1	Poisoning by purine derivative diuretics	Diagnosis	ICD-9-CM
974.2	Poisoning by carbonic acid anhydrase inhibitors	Diagnosis	ICD-9-CM
974.3	Poisoning by saluretics	Diagnosis	ICD-9-CM
974.4	Poisoning by other diuretics	Diagnosis	ICD-9-CM
974.5	Poisoning by electrolytic, caloric, and water-balance agents	Diagnosis	ICD-9-CM
974.6	Poisoning by other mineral salts, not elsewhere classified	Diagnosis	ICD-9-CM
974.7	Poisoning by uric acid metabolism drugs	Diagnosis	ICD-9-CM
975	Poisoning by agents primarily acting on the smooth and skeletal muscles and respiratory system	Diagnosis	ICD-9-CM
975.0	Poisoning by oxytocic agents	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
975.1	Poisoning by smooth muscle relaxants	Diagnosis	ICD-9-CM
975.2	Poisoning by skeletal muscle relaxants	Diagnosis	ICD-9-CM
975.3	Poisoning by other and unspecified drugs acting on muscles	Diagnosis	ICD-9-CM
975.4	Poisoning by antitussives	Diagnosis	ICD-9-CM
975.5	Poisoning by expectorants	Diagnosis	ICD-9-CM
975.6	Poisoning by anti-common cold drugs	Diagnosis	ICD-9-CM
975.7	Poisoning by antiasthmatics	Diagnosis	ICD-9-CM
975.8	Poisoning by other and unspecified respiratory drugs	Diagnosis	ICD-9-CM
976	Poisoning by agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological, and dental drugs	Diagnosis	ICD-9-CM
976.0	Poisoning by local anti-infectives and anti-inflammatory drugs	Diagnosis	ICD-9-CM
976.1	Poisoning by antipruritics	Diagnosis	ICD-9-CM
976.2	Poisoning by local astringents and local detergents	Diagnosis	ICD-9-CM
976.3	Poisoning by emollients, demulcents, and protectants	Diagnosis	ICD-9-CM
976.4	Poisoning by keratolytics, keratoplastics, other hair treatment drugs and preparations	Diagnosis	ICD-9-CM
976.5	Poisoning by eye anti-infectives and other eye drugs	Diagnosis	ICD-9-CM
976.6	Poisoning by anti-infectives and other drugs and preparations for ear, nose, and throat	Diagnosis	ICD-9-CM
976.7	Poisoning by dental drugs topically applied	Diagnosis	ICD-9-CM
976.8	Poisoning by other agents primarily affecting skin and mucous membrane	Diagnosis	ICD-9-CM
976.9	Poisoning by unspecified agent primarily affecting skin and mucous membrane	Diagnosis	ICD-9-CM
977	Poisoning by other and unspecified drugs and medicinal substances	Diagnosis	ICD-9-CM
977.0	Poisoning by dietetics	Diagnosis	ICD-9-CM
977.1	Poisoning by lipotropic drugs	Diagnosis	ICD-9-CM
977.2	Poisoning by antidotes and chelating agents, not elsewhere classified	Diagnosis	ICD-9-CM
977.3	Poisoning by alcohol deterrents	Diagnosis	ICD-9-CM
977.4	Poisoning by pharmaceutical excipients	Diagnosis	ICD-9-CM
977.8	Poisoning by other specified drugs and medicinal substances	Diagnosis	ICD-9-CM
977.9	Poisoning by unspecified drug or medicinal substance	Diagnosis	ICD-9-CM
978	Poisoning by bacterial vaccines	Diagnosis	ICD-9-CM
978.0	Poisoning by BCG vaccine	Diagnosis	ICD-9-CM
978.1	Poisoning by typhoid and paratyphoid vaccine	Diagnosis	ICD-9-CM
978.2	Poisoning by cholera vaccine	Diagnosis	ICD-9-CM
978.3	Poisoning by plague vaccine	Diagnosis	ICD-9-CM
978.4	Poisoning by tetanus vaccine	Diagnosis	ICD-9-CM
978.5	Poisoning by diphtheria vaccine	Diagnosis	ICD-9-CM
978.6	Poisoning by pertussis vaccine, including combinations with pertussis component	Diagnosis	ICD-9-CM
978.8	Poisoning by other and unspecified bacterial vaccines	Diagnosis	ICD-9-CM
978.9	Poisoning by mixed bacterial vaccines, except combinations with pertussis component	Diagnosis	ICD-9-CM
979	Poisoning by other vaccines and biological substances	Diagnosis	ICD-9-CM
979.0	Poisoning by smallpox vaccine	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
979.1	Poisoning by rabies vaccine	Diagnosis	ICD-9-CM
979.2	Poisoning by typhus vaccine	Diagnosis	ICD-9-CM
979.3	Poisoning by yellow fever vaccine	Diagnosis	ICD-9-CM
979.4	Poisoning by measles vaccine	Diagnosis	ICD-9-CM
979.5	Poisoning by poliomyelitis vaccine	Diagnosis	ICD-9-CM
979.6	Poisoning by other and unspecified viral and rickettsial vaccines	Diagnosis	ICD-9-CM
979.7	Poisoning by mixed viral-rickettsial and bacterial vaccines, except combinations with pertussis component	Diagnosis	ICD-9-CM
979.9	Poisoning by other and unspecified vaccines and biological substances	Diagnosis	ICD-9-CM
980	Toxic effect of alcohol	Diagnosis	ICD-9-CM
980.0	Toxic effect of ethyl alcohol	Diagnosis	ICD-9-CM
980.1	Toxic effect of methyl alcohol	Diagnosis	ICD-9-CM
980.2	Toxic effect of isopropyl alcohol	Diagnosis	ICD-9-CM
980.3	Toxic effect of fusel oil	Diagnosis	ICD-9-CM
980.8	Toxic effect of other specified alcohols	Diagnosis	ICD-9-CM
980.9	Toxic effect of unspecified alcohol	Diagnosis	ICD-9-CM
981	Toxic effect of petroleum products	Diagnosis	ICD-9-CM
982	Toxic effect of solvents other than petroleum-based	Diagnosis	ICD-9-CM
982.0	Toxic effect of benzene and homologues	Diagnosis	ICD-9-CM
982.1	Toxic effect of carbon tetrachloride	Diagnosis	ICD-9-CM
982.2	Toxic effect of carbon disulfide	Diagnosis	ICD-9-CM
982.3	Toxic effect of other chlorinated hydrocarbon solvents	Diagnosis	ICD-9-CM
982.4	Toxic effect of nitroglycol	Diagnosis	ICD-9-CM
982.8	Toxic effect of other nonpetroleum-based solvents	Diagnosis	ICD-9-CM
983	Toxic effect of corrosive aromatics, acids, and caustic alkalis	Diagnosis	ICD-9-CM
983.0	Toxic effect of corrosive aromatics	Diagnosis	ICD-9-CM
983.1	Toxic effect of acids	Diagnosis	ICD-9-CM
983.2	Toxic effect of caustic alkalis	Diagnosis	ICD-9-CM
983.9	Toxic effect of caustic, unspecified	Diagnosis	ICD-9-CM
984	Toxic effect of lead and its compounds (including fumes)	Diagnosis	ICD-9-CM
984.0	Toxic effect of inorganic lead compounds	Diagnosis	ICD-9-CM
984.1	Toxic effect of organic lead compounds	Diagnosis	ICD-9-CM
984.8	Toxic effect of other lead compounds	Diagnosis	ICD-9-CM
984.9	Toxic effect of unspecified lead compound	Diagnosis	ICD-9-CM
985	Toxic effect of other metals	Diagnosis	ICD-9-CM
985.0	Toxic effect of mercury and its compounds	Diagnosis	ICD-9-CM
985.1	Toxic effect of arsenic and its compounds	Diagnosis	ICD-9-CM
985.2	Toxic effect of manganese and its compounds	Diagnosis	ICD-9-CM
985.3	Toxic effect of beryllium and its compounds	Diagnosis	ICD-9-CM
985.4	Toxic effect of antimony and its compounds	Diagnosis	ICD-9-CM
985.5	Toxic effect of cadmium and its compounds	Diagnosis	ICD-9-CM
985.6	Toxic effect of chromium	Diagnosis	ICD-9-CM
985.8	Toxic effect of other specified metal	Diagnosis	ICD-9-CM
985.9	Toxic effect of unspecified metal	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
986	Toxic effect of carbon monoxide	Diagnosis	ICD-9-CM
987	Toxic effect of other gases, fumes, or vapors	Diagnosis	ICD-9-CM
987.0	Toxic effect of liquefied petroleum gases	Diagnosis	ICD-9-CM
987.1	Toxic effect of other hydrocarbon gas	Diagnosis	ICD-9-CM
987.2	Toxic effect of nitrogen oxides	Diagnosis	ICD-9-CM
987.3	Toxic effect of sulfur dioxide	Diagnosis	ICD-9-CM
987.4	Toxic effect of freon	Diagnosis	ICD-9-CM
987.5	Toxic effect of lacrimogenic gas	Diagnosis	ICD-9-CM
987.6	Toxic effect of chlorine gas	Diagnosis	ICD-9-CM
987.7	Toxic effect of hydrocyanic acid gas	Diagnosis	ICD-9-CM
987.8	Toxic effect of other specified gases, fumes, or vapors	Diagnosis	ICD-9-CM
987.9	Toxic effect of unspecified gas, fume, or vapor	Diagnosis	ICD-9-CM
988	Toxic effect of noxious substances eaten as food	Diagnosis	ICD-9-CM
988.0	Toxic effect of fish and shellfish	Diagnosis	ICD-9-CM
988.1	Toxic effect of mushrooms	Diagnosis	ICD-9-CM
988.2	Toxic effect of berries and other plants	Diagnosis	ICD-9-CM
988.8	Toxic effect of other specified noxious substances	Diagnosis	ICD-9-CM
988.9	Toxic effect of unspecified noxious substance	Diagnosis	ICD-9-CM
989	Toxic effect of other substances, chiefly nonmedicinal as to source	Diagnosis	ICD-9-CM
989.0	Toxic effect of hydrocyanic acid and cyanides	Diagnosis	ICD-9-CM
989.1	Toxic effect of strychnine and salts	Diagnosis	ICD-9-CM
989.2	Toxic effect of chlorinated hydrocarbons	Diagnosis	ICD-9-CM
989.3	Toxic effect of organophosphate and carbamate	Diagnosis	ICD-9-CM
989.4	Toxic effect of other pesticides, not elsewhere classified	Diagnosis	ICD-9-CM
989.5	Toxic effect of venom	Diagnosis	ICD-9-CM
989.6	Toxic effect of soaps and detergents	Diagnosis	ICD-9-CM
989.7	Toxic effect of aflatoxin and other mycotoxin (food contaminants)	Diagnosis	ICD-9-CM
989.8	Toxic effect of other substances, chiefly nonmedicinal as to source	Diagnosis	ICD-9-CM
989.81	Toxic effect of asbestos	Diagnosis	ICD-9-CM
989.82	Toxic effect of latex	Diagnosis	ICD-9-CM
989.83	Toxic effect of silicone	Diagnosis	ICD-9-CM
989.84	Toxic effect of tobacco	Diagnosis	ICD-9-CM
989.89	Toxic effect of other substances	Diagnosis	ICD-9-CM
989.9	Toxic effect of unspecified substance, chiefly nonmedicinal as to source	Diagnosis	ICD-9-CM
994.7	Asphyxiation and strangulation	Diagnosis	ICD-9-CM
E950	Suicide and self-inflicted poisoning by solid or liquid substances	Diagnosis	ICD-9-CM
E951	Suicide and self-inflicted poisoning by gases in domestic use	Diagnosis	ICD-9-CM
E952	Suicide and self-inflicted poisoning by other gases and vapors	Diagnosis	ICD-9-CM
E953	Suicide and self-inflicted injury by hanging strangulation and suffocation	Diagnosis	ICD-9-CM
E954	Suicide and self-inflicted injury by submersion [drowning]	Diagnosis	ICD-9-CM
E955	Suicide and self-inflicted injury by firearms air guns and explosives	Diagnosis	ICD-9-CM
E956	Suicide and self-inflicted injury by cutting and piercing instrument	Diagnosis	ICD-9-CM
E957	Suicide and self-inflicted injuries by jumping from high place	Diagnosis	ICD-9-CM
E958	Suicide and self-inflicted injury by other and unspecified means	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
T14.91	Suicide attempt	Diagnosis	ICD-10-CM
T14.91XA	Suicide attempt, initial encounter	Diagnosis	ICD-10-CM
T14.91XD	Suicide attempt, subsequent encounter	Diagnosis	ICD-10-CM
T14.91XS	Suicide attempt, sequela	Diagnosis	ICD-10-CM
T36.0X2	Poisoning by penicillins, intentional self-harm	Diagnosis	ICD-10-CM
T36.0X2A	Poisoning by penicillins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.0X2D	Poisoning by penicillins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.0X2S	Poisoning by penicillins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.1X2	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm	Diagnosis	ICD-10-CM
T36.1X2A	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.1X2D	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.1X2S	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.2X2	Poisoning by chloramphenicol group, intentional self-harm	Diagnosis	ICD-10-CM
T36.2X2A	Poisoning by chloramphenicol group, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.2X2D	Poisoning by chloramphenicol group, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.2X2S	Poisoning by chloramphenicol group, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.3X2	Poisoning by macrolides, intentional self-harm	Diagnosis	ICD-10-CM
T36.3X2A	Poisoning by macrolides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.3X2D	Poisoning by macrolides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.3X2S	Poisoning by macrolides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.4X2	Poisoning by tetracyclines, intentional self-harm	Diagnosis	ICD-10-CM
T36.4X2A	Poisoning by tetracyclines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.4X2D	Poisoning by tetracyclines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.4X2S	Poisoning by tetracyclines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.5X2	Poisoning by aminoglycosides, intentional self-harm	Diagnosis	ICD-10-CM
T36.5X2A	Poisoning by aminoglycosides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.5X2D	Poisoning by aminoglycosides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.5X2S	Poisoning by aminoglycosides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.6X2	Poisoning by rifampicins, intentional self-harm	Diagnosis	ICD-10-CM
T36.6X2A	Poisoning by rifampicins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.6X2D	Poisoning by rifampicins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.6X2S	Poisoning by rifampicins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.7X2	Poisoning by antifungal antibiotics, systemically used, intentional self-harm	Diagnosis	ICD-10-CM
T36.7X2A	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.7X2D	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.7X2S	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T36.8X2	Poisoning by other systemic antibiotics, intentional self-harm	Diagnosis	ICD-10-CM
T36.8X2A	Poisoning by other systemic antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.8X2D	Poisoning by other systemic antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.8X2S	Poisoning by other systemic antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.92	Poisoning by unspecified systemic antibiotic, intentional self-harm	Diagnosis	ICD-10-CM
T36.92XA	Poisoning by unspecified systemic antibiotic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.92XD	Poisoning by unspecified systemic antibiotic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.92XS	Poisoning by unspecified systemic antibiotic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.0X2	Poisoning by sulfonamides, intentional self-harm	Diagnosis	ICD-10-CM
T37.0X2A	Poisoning by sulfonamides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.0X2D	Poisoning by sulfonamides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.0X2S	Poisoning by sulfonamides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.1X2	Poisoning by antimycobacterial drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.1X2A	Poisoning by antimycobacterial drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.1X2D	Poisoning by antimycobacterial drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.1X2S	Poisoning by antimycobacterial drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.2X2	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm	Diagnosis	ICD-10-CM
T37.2X2A	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.2X2D	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.2X2S	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.3X2	Poisoning by other antiprotozoal drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.3X2A	Poisoning by other antiprotozoal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.3X2D	Poisoning by other antiprotozoal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.3X2S	Poisoning by other antiprotozoal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.4X2	Poisoning by anthelmintics, intentional self-harm	Diagnosis	ICD-10-CM
T37.4X2A	Poisoning by anthelmintics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.4X2D	Poisoning by anthelmintics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.4X2S	Poisoning by anthelmintics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.5X2	Poisoning by antiviral drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.5X2A	Poisoning by antiviral drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.5X2D	Poisoning by antiviral drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.5X2S	Poisoning by antiviral drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.8X2	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T37.8X2A	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.8X2D	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.8X2S	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.92	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm	Diagnosis	ICD-10-CM
T37.92XA	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.92XD	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.92XS	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.0X2	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm	Diagnosis	ICD-10-CM
T38.0X2A	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.0X2D	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.0X2S	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.1X2	Poisoning by thyroid hormones and substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.1X2A	Poisoning by thyroid hormones and substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.1X2D	Poisoning by thyroid hormones and substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.1X2S	Poisoning by thyroid hormones and substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.2X2	Poisoning by antithyroid drugs, intentional self-harm	Diagnosis	ICD-10-CM
T38.2X2A	Poisoning by antithyroid drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.2X2D	Poisoning by antithyroid drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.2X2S	Poisoning by antithyroid drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.3X2	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm	Diagnosis	ICD-10-CM
T38.3X2A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.3X2D	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.3X2S	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.4X2	Poisoning by oral contraceptives, intentional self-harm	Diagnosis	ICD-10-CM
T38.4X2A	Poisoning by oral contraceptives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.4X2D	Poisoning by oral contraceptives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.4X2S	Poisoning by oral contraceptives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.5X2	Poisoning by other estrogens and progestogens, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T38.5X2A	Poisoning by other estrogens and progestogens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.5X2D	Poisoning by other estrogens and progestogens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.5X2S	Poisoning by other estrogens and progestogens, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.6X2	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T38.6X2A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.6X2D	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.6X2S	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.7X2	Poisoning by androgens and anabolic congeners, intentional self-harm	Diagnosis	ICD-10-CM
T38.7X2A	Poisoning by androgens and anabolic congeners, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.7X2D	Poisoning by androgens and anabolic congeners, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.7X2S	Poisoning by androgens and anabolic congeners, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.802	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.802A	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.802D	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.802S	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.812	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm	Diagnosis	ICD-10-CM
T38.812A	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.812D	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.812S	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.892	Poisoning by other hormones and synthetic substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.892A	Poisoning by other hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.892D	Poisoning by other hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.892S	Poisoning by other hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.902	Poisoning by unspecified hormone antagonists, intentional self-harm	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T38.902A	Poisoning by unspecified hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.902D	Poisoning by unspecified hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.902S	Poisoning by unspecified hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.992	Poisoning by other hormone antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T38.992A	Poisoning by other hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.992D	Poisoning by other hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.992S	Poisoning by other hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.012	Poisoning by aspirin, intentional self-harm	Diagnosis	ICD-10-CM
T39.012A	Poisoning by aspirin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.012D	Poisoning by aspirin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.012S	Poisoning by aspirin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.092	Poisoning by salicylates, intentional self-harm	Diagnosis	ICD-10-CM
T39.092A	Poisoning by salicylates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.092D	Poisoning by salicylates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.092S	Poisoning by salicylates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.1X2	Poisoning by 4-Aminophenol derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.1X2A	Poisoning by 4-Aminophenol derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.1X2D	Poisoning by 4-Aminophenol derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.1X2S	Poisoning by 4-Aminophenol derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.2X2	Poisoning by pyrazolone derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.2X2A	Poisoning by pyrazolone derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.2X2D	Poisoning by pyrazolone derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.2X2S	Poisoning by pyrazolone derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.312	Poisoning by propionic acid derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.312A	Poisoning by propionic acid derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.312D	Poisoning by propionic acid derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.312S	Poisoning by propionic acid derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.392	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm	Diagnosis	ICD-10-CM
T39.392A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.392D	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.392S	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.4X2	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T39.4X2A	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.4X2D	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.4X2S	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.8X2	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T39.8X2A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.8X2D	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.8X2S	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.92	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm	Diagnosis	ICD-10-CM
T39.92XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.92XD	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.92XS	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.0X2	Poisoning by opium, intentional self-harm	Diagnosis	ICD-10-CM
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.1X2	Poisoning by heroin, intentional self-harm	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
T40.2X2	Poisoning by other opioids, intentional self-harm	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
T40.3X2	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
T40.412	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 encounter	Diagnosis	ICD-10-CM
T40.412S	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T40.422	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
T40.492	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.492A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.492D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.492S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.4X2	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.5X2	Poisoning by cocaine, intentional self-harm	Diagnosis	ICD-10-CM
T40.5X2A	Poisoning by cocaine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.5X2D	Poisoning by cocaine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X2S	Poisoning by cocaine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.602	Poisoning by unspecified narcotics, intentional self-harm	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
T40.692	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
T40.712	Poisoning by cannabis, intentional self-harm	Diagnosis	ICD-10-CM
T40.712A	Poisoning by cannabis, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.712D	Poisoning by cannabis, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.712S	Poisoning by cannabis, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.722	Poisoning by synthetic cannabinoids, intentional self-harm	Diagnosis	ICD-10-CM
T40.722A	Poisoning by synthetic cannabinoids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.722D	Poisoning by synthetic cannabinoids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.722S	Poisoning by synthetic cannabinoids, intentional self-harm, sequela	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
T40.7X2D	Poisoning by cannabis (derivatives), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X2S	Poisoning by cannabis (derivatives), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.8X2	Poisoning by lysergide [LSD], intentional self-harm	Diagnosis	ICD-10-CM
T40.8X2A	Poisoning by lysergide [LSD], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.8X2D	Poisoning by lysergide [LSD], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X2S	Poisoning by lysergide [LSD], intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T40.902	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-	Diagnosis	ICD-10-CM
T40.902A	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.902D	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.902S	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.992	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm	Diagnosis	ICD-10-CM
T40.992A	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.992D	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.992S	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.0X2	Poisoning by inhaled anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.0X2A	Poisoning by inhaled anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.0X2D	Poisoning by inhaled anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.0X2S	Poisoning by inhaled anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.1X2	Poisoning by intravenous anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.1X2A	Poisoning by intravenous anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.1X2D	Poisoning by intravenous anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.1X2S	Poisoning by intravenous anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.202	Poisoning by unspecified general anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.202A	Poisoning by unspecified general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.202D	Poisoning by unspecified general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.202S	Poisoning by unspecified general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.292	Poisoning by other general anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.292A	Poisoning by other general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.292D	Poisoning by other general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.292S	Poisoning by other general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.3X2	Poisoning by local anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.3X2A	Poisoning by local anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.3X2D	Poisoning by local anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.3X2S	Poisoning by local anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.42	Poisoning by unspecified anesthetic, intentional self-harm	Diagnosis	ICD-10-CM
T41.42XA	Poisoning by unspecified anesthetic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.42XD	Poisoning by unspecified anesthetic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.42XS	Poisoning by unspecified anesthetic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.5X2	Poisoning by therapeutic gases, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T41.5X2A	Poisoning by therapeutic gases, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.5X2D	Poisoning by therapeutic gases, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.5X2S	Poisoning by therapeutic gases, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.0X2	Poisoning by hydantoin derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T42.0X2A	Poisoning by hydantoin derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.0X2D	Poisoning by hydantoin derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.0X2S	Poisoning by hydantoin derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.1X2	Poisoning by iminostilbenes, intentional self-harm	Diagnosis	ICD-10-CM
T42.1X2A	Poisoning by iminostilbenes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.1X2D	Poisoning by iminostilbenes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.1X2S	Poisoning by iminostilbenes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.2X2	Poisoning by succinimides and oxazolidinediones, intentional self-harm	Diagnosis	ICD-10-CM
T42.2X2A	Poisoning by succinimides and oxazolidinediones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.2X2D	Poisoning by succinimides and oxazolidinediones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.2X2S	Poisoning by succinimides and oxazolidinediones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.3X2	Poisoning by barbiturates, intentional self-harm	Diagnosis	ICD-10-CM
T42.3X2A	Poisoning by barbiturates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.3X2D	Poisoning by barbiturates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.3X2S	Poisoning by barbiturates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.4X2	Poisoning by benzodiazepines, intentional self-harm	Diagnosis	ICD-10-CM
T42.4X2A	Poisoning by benzodiazepines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.4X2D	Poisoning by benzodiazepines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.4X2S	Poisoning by benzodiazepines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.5X2	Poisoning by mixed antiepileptics, intentional self-harm	Diagnosis	ICD-10-CM
T42.5X2A	Poisoning by mixed antiepileptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.5X2D	Poisoning by mixed antiepileptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.5X2S	Poisoning by mixed antiepileptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.6X2	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T42.6X2A	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.6X2D	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.6X2S	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.72	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T42.72XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.72XD	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T42.72XS	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.8X2	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm	Diagnosis	ICD-10-CM
T42.8X2A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.8X2D	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.8X2S	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.012	Poisoning by tricyclic antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.012A	Poisoning by tricyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.012D	Poisoning by tricyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.012S	Poisoning by tricyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.022	Poisoning by tetracyclic antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.022A	Poisoning by tetracyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.022D	Poisoning by tetracyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.022S	Poisoning by tetracyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.1X2	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.1X2A	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.1X2D	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.1X2S	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.202	Poisoning by unspecified antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.202A	Poisoning by unspecified antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.202D	Poisoning by unspecified antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.202S	Poisoning by unspecified antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.212	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm	Diagnosis	ICD-10-CM
T43.212A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.212D	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.212S	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.222	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T43.222A	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.222D	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.222S	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.292	Poisoning by other antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.292A	Poisoning by other antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.292D	Poisoning by other antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.292S	Poisoning by other antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.3X2	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.3X2A	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.3X2D	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.3X2S	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.4X2	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.4X2A	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.4X2D	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.4X2S	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.502	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.502A	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.502D	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.502S	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.592	Poisoning by other antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.592A	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.592D	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.592S	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.602	Poisoning by unspecified psychostimulants, intentional self-harm	Diagnosis	ICD-10-CM
T43.602A	Poisoning by unspecified psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T43.602D	Poisoning by unspecified psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.602S	Poisoning by unspecified psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.612	Poisoning by caffeine, intentional self-harm	Diagnosis	ICD-10-CM
T43.612A	Poisoning by caffeine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.612D	Poisoning by caffeine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.612S	Poisoning by caffeine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.622	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
T43.632	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
T43.642	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
T43.692	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
T43.692S	Poisoning by other psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.8X2	Poisoning by other psychotropic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T43.8X2A	Poisoning by other psychotropic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.8X2D	Poisoning by other psychotropic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.8X2S	Poisoning by other psychotropic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.92	Poisoning by unspecified psychotropic drug, intentional self-harm	Diagnosis	ICD-10-CM
T43.92XA	Poisoning by unspecified psychotropic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.92XD	Poisoning by unspecified psychotropic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.92XS	Poisoning by unspecified psychotropic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.0X2	Poisoning by anticholinesterase agents, intentional self-harm	Diagnosis	ICD-10-CM
T44.0X2A	Poisoning by anticholinesterase agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.0X2D	Poisoning by anticholinesterase agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.0X2S	Poisoning by anticholinesterase agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.1X2	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm	Diagnosis	ICD-10-CM
T44.1X2A	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T44.1X2D	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.1X2S	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.2X2	Poisoning by ganglionic blocking drugs, intentional self-harm	Diagnosis	ICD-10-CM
T44.2X2A	Poisoning by ganglionic blocking drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.2X2D	Poisoning by ganglionic blocking drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.2X2S	Poisoning by ganglionic blocking drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.3X2	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm	Diagnosis	ICD-10-CM
T44.3X2A	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.3X2D	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.3X2S	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.4X2	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.4X2A	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.4X2D	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.4X2S	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.5X2	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.5X2A	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.5X2D	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.5X2S	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.6X2	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.6X2A	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.6X2D	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.6X2S	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.7X2	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.7X2A	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.7X2D	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T44.7X2S	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.8X2	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm	Diagnosis	ICD-10-CM
T44.8X2A	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.8X2D	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.8X2S	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.902	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm	Diagnosis	ICD-10-CM
T44.902A	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.902D	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.902S	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.992	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm	Diagnosis	ICD-10-CM
T44.992A	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.992D	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.992S	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.0X2	Poisoning by antiallergic and antiemetic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.0X2A	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.0X2D	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.0X2S	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.1X2	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.1X2A	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.1X2D	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.1X2S	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.2X2	Poisoning by vitamins, intentional self-harm	Diagnosis	ICD-10-CM
T45.2X2A	Poisoning by vitamins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.2X2D	Poisoning by vitamins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.2X2S	Poisoning by vitamins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.3X2	Poisoning by enzymes, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T45.3X2A	Poisoning by enzymes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.3X2D	Poisoning by enzymes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.3X2S	Poisoning by enzymes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.4X2	Poisoning by iron and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T45.4X2A	Poisoning by iron and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.4X2D	Poisoning by iron and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.4X2S	Poisoning by iron and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.512	Poisoning by anticoagulants, intentional self-harm	Diagnosis	ICD-10-CM
T45.512A	Poisoning by anticoagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.512D	Poisoning by anticoagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.512S	Poisoning by anticoagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.522	Poisoning by antithrombotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.522A	Poisoning by antithrombotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.522D	Poisoning by antithrombotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.522S	Poisoning by antithrombotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.602	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.602A	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.602D	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.602S	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.612	Poisoning by thrombolytic drug, intentional self-harm	Diagnosis	ICD-10-CM
T45.612A	Poisoning by thrombolytic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.612D	Poisoning by thrombolytic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.612S	Poisoning by thrombolytic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.622	Poisoning by hemostatic drug, intentional self-harm	Diagnosis	ICD-10-CM
T45.622A	Poisoning by hemostatic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.622D	Poisoning by hemostatic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.622S	Poisoning by hemostatic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.692	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.692A	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.692D	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.692S	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.7X2	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm	Diagnosis	ICD-10-CM
T45.7X2A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.7X2D	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T45.7X2S	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.8X2	Poisoning by other primarily systemic and hematological agents, intentional self-harm	Diagnosis	ICD-10-CM
T45.8X2A	Poisoning by other primarily systemic and hematological agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.8X2D	Poisoning by other primarily systemic and hematological agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.8X2S	Poisoning by other primarily systemic and hematological agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.92	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm	Diagnosis	ICD-10-CM
T45.92XA	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.92XD	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.92XS	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.0X2	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm	Diagnosis	ICD-10-CM
T46.0X2A	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.0X2D	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.0X2S	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.1X2	Poisoning by calcium-channel blockers, intentional self-harm	Diagnosis	ICD-10-CM
T46.1X2A	Poisoning by calcium-channel blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.1X2D	Poisoning by calcium-channel blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.1X2S	Poisoning by calcium-channel blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.2X2	Poisoning by other antidysrhythmic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.2X2A	Poisoning by other antidysrhythmic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.2X2D	Poisoning by other antidysrhythmic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.2X2S	Poisoning by other antidysrhythmic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.3X2	Poisoning by coronary vasodilators, intentional self-harm	Diagnosis	ICD-10-CM
T46.3X2A	Poisoning by coronary vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.3X2D	Poisoning by coronary vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.3X2S	Poisoning by coronary vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.4X2	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T46.4X2A	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.4X2D	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.4X2S	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.5X2	Poisoning by other antihypertensive drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.5X2A	Poisoning by other antihypertensive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.5X2D	Poisoning by other antihypertensive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.5X2S	Poisoning by other antihypertensive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.6X2	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.6X2A	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.6X2D	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.6X2S	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.7X2	Poisoning by peripheral vasodilators, intentional self-harm	Diagnosis	ICD-10-CM
T46.7X2A	Poisoning by peripheral vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.7X2D	Poisoning by peripheral vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.7X2S	Poisoning by peripheral vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.8X2	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm	Diagnosis	ICD-10-CM
T46.8X2A	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.8X2D	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.8X2S	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.902	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm	Diagnosis	ICD-10-CM
T46.902A	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.902D	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.902S	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.992	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T46.992A	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.992D	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.992S	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.0X2	Poisoning by histamine H2-receptor blockers, intentional self-harm	Diagnosis	ICD-10-CM
T47.0X2A	Poisoning by histamine H2-receptor blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.0X2D	Poisoning by histamine H2-receptor blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.0X2S	Poisoning by histamine H2-receptor blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.1X2	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm	Diagnosis	ICD-10-CM
T47.1X2A	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.1X2D	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.1X2S	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.2X2	Poisoning by stimulant laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.2X2A	Poisoning by stimulant laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.2X2D	Poisoning by stimulant laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.2X2S	Poisoning by stimulant laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.3X2	Poisoning by saline and osmotic laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.3X2A	Poisoning by saline and osmotic laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.3X2D	Poisoning by saline and osmotic laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.3X2S	Poisoning by saline and osmotic laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.4X2	Poisoning by other laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.4X2A	Poisoning by other laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.4X2D	Poisoning by other laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.4X2S	Poisoning by other laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.5X2	Poisoning by digestants, intentional self-harm	Diagnosis	ICD-10-CM
T47.5X2A	Poisoning by digestants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.5X2D	Poisoning by digestants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.5X2S	Poisoning by digestants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.6X2	Poisoning by antidiarrheal drugs, intentional self-harm	Diagnosis	ICD-10-CM
T47.6X2A	Poisoning by antidiarrheal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.6X2D	Poisoning by antidiarrheal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.6X2S	Poisoning by antidiarrheal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.7X2	Poisoning by emetics, intentional self-harm	Diagnosis	ICD-10-CM
T47.7X2A	Poisoning by emetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T47.7X2D	Poisoning by emetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.7X2S	Poisoning by emetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.8X2	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm	Diagnosis	ICD-10-CM
T47.8X2A	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.8X2D	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.8X2S	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.92	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm	Diagnosis	ICD-10-CM
T47.92XA	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.92XD	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.92XS	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.0X2	Poisoning by oxytotoxic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T48.0X2A	Poisoning by oxytotoxic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.0X2D	Poisoning by oxytotoxic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.0X2S	Poisoning by oxytotoxic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.1X2	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm	Diagnosis	ICD-10-CM
T48.1X2A	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.1X2D	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.1X2S	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.202	Poisoning by unspecified drugs acting on muscles, intentional self-harm	Diagnosis	ICD-10-CM
T48.202A	Poisoning by unspecified drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.202D	Poisoning by unspecified drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.202S	Poisoning by unspecified drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.292	Poisoning by other drugs acting on muscles, intentional self-harm	Diagnosis	ICD-10-CM
T48.292A	Poisoning by other drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.292D	Poisoning by other drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.292S	Poisoning by other drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.3X2	Poisoning by antitussives, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T48.3X2A	Poisoning by antitussives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.3X2D	Poisoning by antitussives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.3X2S	Poisoning by antitussives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.4X2	Poisoning by expectorants, intentional self-harm	Diagnosis	ICD-10-CM
T48.4X2A	Poisoning by expectorants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.4X2D	Poisoning by expectorants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.4X2S	Poisoning by expectorants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.5X2	Poisoning by other anti-common-cold drugs, intentional self-harm	Diagnosis	ICD-10-CM
T48.5X2A	Poisoning by other anti-common-cold drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.5X2D	Poisoning by other anti-common-cold drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.5X2S	Poisoning by other anti-common-cold drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.6X2	Poisoning by antiasthmatics, intentional self-harm	Diagnosis	ICD-10-CM
T48.6X2A	Poisoning by antiasthmatics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.6X2D	Poisoning by antiasthmatics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.6X2S	Poisoning by antiasthmatics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.902	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm	Diagnosis	ICD-10-CM
T48.902A	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.902D	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.902S	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.992	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm	Diagnosis	ICD-10-CM
T48.992A	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.992D	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.992S	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.0X2	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm	Diagnosis	ICD-10-CM
T49.0X2A	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.0X2D	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.0X2S	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.1X2	Poisoning by antipruritics, intentional self-harm	Diagnosis	ICD-10-CM
T49.1X2A	Poisoning by antipruritics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.1X2D	Poisoning by antipruritics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T49.1X2S	Poisoning by antipruritics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.2X2	Poisoning by local astringents and local detergents, intentional self-harm	Diagnosis	ICD-10-CM
T49.2X2A	Poisoning by local astringents and local detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.2X2D	Poisoning by local astringents and local detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.2X2S	Poisoning by local astringents and local detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.3X2	Poisoning by emollients, demulcents and protectants, intentional self-harm	Diagnosis	ICD-10-CM
T49.3X2A	Poisoning by emollients, demulcents and protectants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.3X2D	Poisoning by emollients, demulcents and protectants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.3X2S	Poisoning by emollients, demulcents and protectants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.4X2	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.4X2A	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.4X2D	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.4X2S	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.5X2	Poisoning by ophthalmological drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.5X2A	Poisoning by ophthalmological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.5X2D	Poisoning by ophthalmological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.5X2S	Poisoning by ophthalmological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.6X2	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.6X2A	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.6X2D	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.6X2S	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.7X2	Poisoning by dental drugs, topically applied, intentional self-harm	Diagnosis	ICD-10-CM
T49.7X2A	Poisoning by dental drugs, topically applied, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.7X2D	Poisoning by dental drugs, topically applied, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.7X2S	Poisoning by dental drugs, topically applied, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T49.8X2	Poisoning by other topical agents, intentional self-harm	Diagnosis	ICD-10-CM
T49.8X2A	Poisoning by other topical agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.8X2D	Poisoning by other topical agents, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T49.8X2S	Poisoning by other topical agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.92	Poisoning by unspecified topical agent, intentional self-harm	Diagnosis	ICD-10-CM
T49.92XA	Poisoning by unspecified topical agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.92XD	Poisoning by unspecified topical agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.92XS	Poisoning by unspecified topical agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.0X2	Poisoning by mineralocorticoids and their antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T50.0X2A	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.0X2D	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.0X2S	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.1X2	Poisoning by loop [high-ceiling] diuretics, intentional self-harm	Diagnosis	ICD-10-CM
T50.1X2A	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.1X2D	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.1X2S	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.2X2	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm	Diagnosis	ICD-10-CM
T50.2X2A	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.2X2D	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.2X2S	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.3X2	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.3X2A	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.3X2D	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.3X2S	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.4X2	Poisoning by drugs affecting uric acid metabolism, intentional self-harm	Diagnosis	ICD-10-CM
T50.4X2A	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.4X2D	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.4X2S	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T50.5X2	Poisoning by appetite depressants, intentional self-harm	Diagnosis	ICD-10-CM
T50.5X2A	Poisoning by appetite depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.5X2D	Poisoning by appetite depressants, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T50.5X2S	Poisoning by appetite depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.6X2	Poisoning by antidotes and chelating agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.6X2A	Poisoning by antidotes and chelating agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.6X2D	Poisoning by antidotes and chelating agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.6X2S	Poisoning by antidotes and chelating agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.7X2	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T50.7X2A	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.7X2D	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.7X2S	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.8X2	Poisoning by diagnostic agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.8X2A	Poisoning by diagnostic agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.8X2D	Poisoning by diagnostic agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.8X2S	Poisoning by diagnostic agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.902	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.902A	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.902D	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.902S	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.912	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.912A	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.912D	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.912S	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.992	Poisoning by other drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.992A	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.992D	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T50.992S	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A12	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm	Diagnosis	ICD-10-CM
T50.A12A	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A12D	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A12S	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A22	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm	Diagnosis	ICD-10-CM
T50.A22A	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A22D	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A22S	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A92	Poisoning by other bacterial vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.A92A	Poisoning by other bacterial vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A92D	Poisoning by other bacterial vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A92S	Poisoning by other bacterial vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B12	Poisoning by smallpox vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.B12A	Poisoning by smallpox vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.B12D	Poisoning by smallpox vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.B12S	Poisoning by smallpox vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B92	Poisoning by other viral vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.B92A	Poisoning by other viral vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.B92D	Poisoning by other viral vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.B92S	Poisoning by other viral vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z12	Poisoning by immunoglobulin, intentional self-harm	Diagnosis	ICD-10-CM
T50.Z12A	Poisoning by immunoglobulin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z12D	Poisoning by immunoglobulin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z12S	Poisoning by immunoglobulin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z92	Poisoning by other vaccines and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.Z92A	Poisoning by other vaccines and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z92D	Poisoning by other vaccines and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z92S	Poisoning by other vaccines and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.0X2	Toxic effect of ethanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.0X2A	Toxic effect of ethanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T51.0X2D	Toxic effect of ethanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X2S	Toxic effect of ethanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.1X2	Toxic effect of methanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.1X2A	Toxic effect of methanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.1X2D	Toxic effect of methanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.1X2S	Toxic effect of methanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.2X2	Toxic effect of 2-Propanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.2X2A	Toxic effect of 2-Propanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.2X2D	Toxic effect of 2-Propanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.2X2S	Toxic effect of 2-Propanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.3X2	Toxic effect of fusel oil, intentional self-harm	Diagnosis	ICD-10-CM
T51.3X2A	Toxic effect of fusel oil, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.3X2D	Toxic effect of fusel oil, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.3X2S	Toxic effect of fusel oil, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.8X2	Toxic effect of other alcohols, intentional self-harm	Diagnosis	ICD-10-CM
T51.8X2A	Toxic effect of other alcohols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.8X2D	Toxic effect of other alcohols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.8X2S	Toxic effect of other alcohols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.92	Toxic effect of unspecified alcohol, intentional self-harm	Diagnosis	ICD-10-CM
T51.92XA	Toxic effect of unspecified alcohol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.92XD	Toxic effect of unspecified alcohol, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T51.92XS	Toxic effect of unspecified alcohol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.0X2	Toxic effect of petroleum products, intentional self-harm	Diagnosis	ICD-10-CM
T52.0X2A	Toxic effect of petroleum products, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.0X2D	Toxic effect of petroleum products, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T52.0X2S	Toxic effect of petroleum products, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.1X2	Toxic effect of benzene, intentional self-harm	Diagnosis	ICD-10-CM
T52.1X2A	Toxic effect of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.1X2D	Toxic effect of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.1X2S	Toxic effect of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.2X2	Toxic effect of homologues of benzene, intentional self-harm	Diagnosis	ICD-10-CM
T52.2X2A	Toxic effect of homologues of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.2X2D	Toxic effect of homologues of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.2X2S	Toxic effect of homologues of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.3X2	Toxic effect of glycols, intentional self-harm	Diagnosis	ICD-10-CM
T52.3X2A	Toxic effect of glycols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.3X2D	Toxic effect of glycols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.3X2S	Toxic effect of glycols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.4X2	Toxic effect of ketones, intentional self-harm	Diagnosis	ICD-10-CM
T52.4X2A	Toxic effect of ketones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.4X2D	Toxic effect of ketones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.4X2S	Toxic effect of ketones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.8X2	Toxic effect of other organic solvents, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T52.8X2A	Toxic effect of other organic solvents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.8X2D	Toxic effect of other organic solvents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.8X2S	Toxic effect of other organic solvents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.92	Toxic effect of unspecified organic solvent, intentional self-harm	Diagnosis	ICD-10-CM
T52.92XA	Toxic effect of unspecified organic solvent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.92XD	Toxic effect of unspecified organic solvent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.92XS	Toxic effect of unspecified organic solvent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.0X2	Toxic effect of carbon tetrachloride, intentional self-harm	Diagnosis	ICD-10-CM
T53.0X2A	Toxic effect of carbon tetrachloride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.0X2D	Toxic effect of carbon tetrachloride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.0X2S	Toxic effect of carbon tetrachloride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.1X2	Toxic effect of chloroform, intentional self-harm	Diagnosis	ICD-10-CM
T53.1X2A	Toxic effect of chloroform, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.1X2D	Toxic effect of chloroform, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.1X2S	Toxic effect of chloroform, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.2X2	Toxic effect of trichloroethylene, intentional self-harm	Diagnosis	ICD-10-CM
T53.2X2A	Toxic effect of trichloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.2X2D	Toxic effect of trichloroethylene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.2X2S	Toxic effect of trichloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.3X2	Toxic effect of tetrachloroethylene, intentional self-harm	Diagnosis	ICD-10-CM
T53.3X2A	Toxic effect of tetrachloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.3X2D	Toxic effect of tetrachloroethylene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.3X2S	Toxic effect of tetrachloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.4X2	Toxic effect of dichloromethane, intentional self-harm	Diagnosis	ICD-10-CM
T53.4X2A	Toxic effect of dichloromethane, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.4X2D	Toxic effect of dichloromethane, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.4X2S	Toxic effect of dichloromethane, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.5X2	Toxic effect of chlorofluorocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.5X2A	Toxic effect of chlorofluorocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.5X2D	Toxic effect of chlorofluorocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.5X2S	Toxic effect of chlorofluorocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.6X2	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.6X2A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.6X2D	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.6X2S	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T53.7X2	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.7X2A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.7X2D	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.7X2S	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.92	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.92XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.92XD	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.92XS	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.0X2	Toxic effect of phenol and phenol homologues, intentional self-harm	Diagnosis	ICD-10-CM
T54.0X2A	Toxic effect of phenol and phenol homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.0X2D	Toxic effect of phenol and phenol homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.0X2S	Toxic effect of phenol and phenol homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.1X2	Toxic effect of other corrosive organic compounds, intentional self-harm	Diagnosis	ICD-10-CM
T54.1X2A	Toxic effect of other corrosive organic compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.1X2D	Toxic effect of other corrosive organic compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.1X2S	Toxic effect of other corrosive organic compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.2X2	Toxic effect of corrosive acids and acid-like substances, intentional self-harm	Diagnosis	ICD-10-CM
T54.2X2A	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.2X2D	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.2X2S	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.3X2	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm	Diagnosis	ICD-10-CM
T54.3X2A	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.3X2D	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.3X2S	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.92	Toxic effect of unspecified corrosive substance, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T54.92XA	Toxic effect of unspecified corrosive substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.92XD	Toxic effect of unspecified corrosive substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.92XS	Toxic effect of unspecified corrosive substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.0X2	Toxic effect of soaps, intentional self-harm	Diagnosis	ICD-10-CM
T55.0X2A	Toxic effect of soaps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.0X2D	Toxic effect of soaps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.0X2S	Toxic effect of soaps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.1X2	Toxic effect of detergents, intentional self-harm	Diagnosis	ICD-10-CM
T55.1X2A	Toxic effect of detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.1X2D	Toxic effect of detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.1X2S	Toxic effect of detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.0X2	Toxic effect of lead and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.0X2A	Toxic effect of lead and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.0X2D	Toxic effect of lead and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.0X2S	Toxic effect of lead and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.1X2	Toxic effect of mercury and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.1X2A	Toxic effect of mercury and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.1X2D	Toxic effect of mercury and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.1X2S	Toxic effect of mercury and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.2X2	Toxic effect of chromium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.2X2A	Toxic effect of chromium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.2X2D	Toxic effect of chromium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.2X2S	Toxic effect of chromium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.3X2	Toxic effect of cadmium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.3X2A	Toxic effect of cadmium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.3X2D	Toxic effect of cadmium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.3X2S	Toxic effect of cadmium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.4X2	Toxic effect of copper and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.4X2A	Toxic effect of copper and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.4X2D	Toxic effect of copper and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.4X2S	Toxic effect of copper and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.5X2	Toxic effect of zinc and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.5X2A	Toxic effect of zinc and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T56.5X2D	Toxic effect of zinc and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.5X2S	Toxic effect of zinc and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.6X2	Toxic effect of tin and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.6X2A	Toxic effect of tin and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.6X2D	Toxic effect of tin and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.6X2S	Toxic effect of tin and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.7X2	Toxic effect of beryllium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.7X2A	Toxic effect of beryllium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.7X2D	Toxic effect of beryllium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.7X2S	Toxic effect of beryllium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.812	Toxic effect of thallium, intentional self-harm	Diagnosis	ICD-10-CM
T56.812A	Toxic effect of thallium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.812D	Toxic effect of thallium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.812S	Toxic effect of thallium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.892	Toxic effect of other metals, intentional self-harm	Diagnosis	ICD-10-CM
T56.892A	Toxic effect of other metals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.892D	Toxic effect of other metals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.892S	Toxic effect of other metals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.92	Toxic effect of unspecified metal, intentional self-harm	Diagnosis	ICD-10-CM
T56.92XA	Toxic effect of unspecified metal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.92XD	Toxic effect of unspecified metal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.92XS	Toxic effect of unspecified metal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.0X2	Toxic effect of arsenic and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T57.0X2A	Toxic effect of arsenic and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.0X2D	Toxic effect of arsenic and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.0X2S	Toxic effect of arsenic and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.1X2	Toxic effect of phosphorus and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T57.1X2A	Toxic effect of phosphorus and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.1X2D	Toxic effect of phosphorus and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.1X2S	Toxic effect of phosphorus and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.2X2	Toxic effect of manganese and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T57.2X2A	Toxic effect of manganese and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.2X2D	Toxic effect of manganese and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.2X2S	Toxic effect of manganese and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T57.3X2	Toxic effect of hydrogen cyanide, intentional self-harm	Diagnosis	ICD-10-CM
T57.3X2A	Toxic effect of hydrogen cyanide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.3X2D	Toxic effect of hydrogen cyanide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.3X2S	Toxic effect of hydrogen cyanide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.8X2	Toxic effect of other specified inorganic substances, intentional self-harm	Diagnosis	ICD-10-CM
T57.8X2A	Toxic effect of other specified inorganic substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.8X2D	Toxic effect of other specified inorganic substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.8X2S	Toxic effect of other specified inorganic substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.92	Toxic effect of unspecified inorganic substance, intentional self-harm	Diagnosis	ICD-10-CM
T57.92XA	Toxic effect of unspecified inorganic substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.92XD	Toxic effect of unspecified inorganic substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.92XS	Toxic effect of unspecified inorganic substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.02	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm	Diagnosis	ICD-10-CM
T58.02XA	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.02XD	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.02XS	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.12	Toxic effect of carbon monoxide from utility gas, intentional self-harm	Diagnosis	ICD-10-CM
T58.12XA	Toxic effect of carbon monoxide from utility gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.12XD	Toxic effect of carbon monoxide from utility gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.12XS	Toxic effect of carbon monoxide from utility gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.2X2	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm	Diagnosis	ICD-10-CM
T58.2X2A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.2X2D	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.2X2S	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.8X2	Toxic effect of carbon monoxide from other source, intentional self-harm	Diagnosis	ICD-10-CM
T58.8X2A	Toxic effect of carbon monoxide from other source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.8X2D	Toxic effect of carbon monoxide from other source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T58.8X2S	Toxic effect of carbon monoxide from other source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.92	Toxic effect of carbon monoxide from unspecified source, intentional self-harm	Diagnosis	ICD-10-CM
T58.92XA	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.92XD	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.92XS	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.0X2	Toxic effect of nitrogen oxides, intentional self-harm	Diagnosis	ICD-10-CM
T59.0X2A	Toxic effect of nitrogen oxides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.0X2D	Toxic effect of nitrogen oxides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.0X2S	Toxic effect of nitrogen oxides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.1X2	Toxic effect of sulfur dioxide, intentional self-harm	Diagnosis	ICD-10-CM
T59.1X2A	Toxic effect of sulfur dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.1X2D	Toxic effect of sulfur dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.1X2S	Toxic effect of sulfur dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.2X2	Toxic effect of formaldehyde, intentional self-harm	Diagnosis	ICD-10-CM
T59.2X2A	Toxic effect of formaldehyde, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.2X2D	Toxic effect of formaldehyde, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.2X2S	Toxic effect of formaldehyde, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.3X2	Toxic effect of lacrimogenic gas, intentional self-harm	Diagnosis	ICD-10-CM
T59.3X2A	Toxic effect of lacrimogenic gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.3X2D	Toxic effect of lacrimogenic gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.3X2S	Toxic effect of lacrimogenic gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.4X2	Toxic effect of chlorine gas, intentional self-harm	Diagnosis	ICD-10-CM
T59.4X2A	Toxic effect of chlorine gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.4X2D	Toxic effect of chlorine gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.4X2S	Toxic effect of chlorine gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.5X2	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm	Diagnosis	ICD-10-CM
T59.5X2A	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.5X2D	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.5X2S	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.6X2	Toxic effect of hydrogen sulfide, intentional self-harm	Diagnosis	ICD-10-CM
T59.6X2A	Toxic effect of hydrogen sulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.6X2D	Toxic effect of hydrogen sulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.6X2S	Toxic effect of hydrogen sulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.7X2	Toxic effect of carbon dioxide, intentional self-harm	Diagnosis	ICD-10-CM
T59.7X2A	Toxic effect of carbon dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.7X2D	Toxic effect of carbon dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.7X2S	Toxic effect of carbon dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.812	Toxic effect of smoke, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T59.812A	Toxic effect of smoke, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.812D	Toxic effect of smoke, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.812S	Toxic effect of smoke, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.892	Toxic effect of other specified gases, fumes and vapors, intentional self-harm	Diagnosis	ICD-10-CM
T59.892A	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.892D	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.892S	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.92	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm	Diagnosis	ICD-10-CM
T59.92XA	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.92XD	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.92XS	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.0X2	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.0X2A	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.0X2D	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.0X2S	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.1X2	Toxic effect of halogenated insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.1X2A	Toxic effect of halogenated insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.1X2D	Toxic effect of halogenated insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.1X2S	Toxic effect of halogenated insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.2X2	Toxic effect of other insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.2X2A	Toxic effect of other insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.2X2D	Toxic effect of other insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.2X2S	Toxic effect of other insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.3X2	Toxic effect of herbicides and fungicides, intentional self-harm	Diagnosis	ICD-10-CM
T60.3X2A	Toxic effect of herbicides and fungicides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.3X2D	Toxic effect of herbicides and fungicides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.3X2S	Toxic effect of herbicides and fungicides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.4X2	Toxic effect of rodenticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.4X2A	Toxic effect of rodenticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.4X2D	Toxic effect of rodenticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.4X2S	Toxic effect of rodenticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.8X2	Toxic effect of other pesticides, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T60.8X2A	Toxic effect of other pesticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.8X2D	Toxic effect of other pesticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.8X2S	Toxic effect of other pesticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.92	Toxic effect of unspecified pesticide, intentional self-harm	Diagnosis	ICD-10-CM
T60.92XA	Toxic effect of unspecified pesticide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.92XD	Toxic effect of unspecified pesticide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.92XS	Toxic effect of unspecified pesticide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.02	Ciguatera fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.02XA	Ciguatera fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.02XD	Ciguatera fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.02XS	Ciguatera fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.12	Scombroid fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.12XA	Scombroid fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.12XD	Scombroid fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.12XS	Scombroid fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.772	Other fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.772A	Other fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.772D	Other fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.772S	Other fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.782	Other shellfish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.782A	Other shellfish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.782D	Other shellfish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.782S	Other shellfish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.8X2	Toxic effect of other seafood, intentional self-harm	Diagnosis	ICD-10-CM
T61.8X2A	Toxic effect of other seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.8X2D	Toxic effect of other seafood, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.8X2S	Toxic effect of other seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.92	Toxic effect of unspecified seafood, intentional self-harm	Diagnosis	ICD-10-CM
T61.92XA	Toxic effect of unspecified seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.92XD	Toxic effect of unspecified seafood, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T61.92XS	Toxic effect of unspecified seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.0X2	Toxic effect of ingested mushrooms, intentional self-harm	Diagnosis	ICD-10-CM
T62.0X2A	Toxic effect of ingested mushrooms, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.0X2D	Toxic effect of ingested mushrooms, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.0X2S	Toxic effect of ingested mushrooms, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.1X2	Toxic effect of ingested berries, intentional self-harm	Diagnosis	ICD-10-CM
T62.1X2A	Toxic effect of ingested berries, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.1X2D	Toxic effect of ingested berries, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.1X2S	Toxic effect of ingested berries, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.2X2	Toxic effect of other ingested (parts of) plant(s), intentional self-harm	Diagnosis	ICD-10-CM
T62.2X2A	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T62.2X2D	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.2X2S	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.8X2	Toxic effect of other specified noxious substances eaten as food, intentional self-harm	Diagnosis	ICD-10-CM
T62.8X2A	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.8X2D	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.8X2S	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.92	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm	Diagnosis	ICD-10-CM
T62.92XA	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.92XD	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.92XS	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.002	Toxic effect of unspecified snake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.002A	Toxic effect of unspecified snake venom, intentional self-harm, initial	Diagnosis	ICD-10-CM
T63.002D	Toxic effect of unspecified snake venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.002S	Toxic effect of unspecified snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.012	Toxic effect of rattlesnake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.012A	Toxic effect of rattlesnake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.012D	Toxic effect of rattlesnake venom, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T63.012S	Toxic effect of rattlesnake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.022	Toxic effect of coral snake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.022A	Toxic effect of coral snake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.022D	Toxic effect of coral snake venom, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T63.022S	Toxic effect of coral snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.032	Toxic effect of taipan venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.032A	Toxic effect of taipan venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.032D	Toxic effect of taipan venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.032S	Toxic effect of taipan venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.042	Toxic effect of cobra venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.042A	Toxic effect of cobra venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.042D	Toxic effect of cobra venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.042S	Toxic effect of cobra venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.062	Toxic effect of venom of other North and South American snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.062A	Toxic effect of venom of other North and South American snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.062D	Toxic effect of venom of other North and South American snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.062S	Toxic effect of venom of other North and South American snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.072	Toxic effect of venom of other Australian snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.072A	Toxic effect of venom of other Australian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.072D	Toxic effect of venom of other Australian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.072S	Toxic effect of venom of other Australian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.082	Toxic effect of venom of other African and Asian snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.082A	Toxic effect of venom of other African and Asian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.082D	Toxic effect of venom of other African and Asian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.082S	Toxic effect of venom of other African and Asian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.092	Toxic effect of venom of other snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.092A	Toxic effect of venom of other snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.092D	Toxic effect of venom of other snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.092S	Toxic effect of venom of other snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.112	Toxic effect of venom of gila monster, intentional self-harm	Diagnosis	ICD-10-CM
T63.112A	Toxic effect of venom of gila monster, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.112D	Toxic effect of venom of gila monster, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.112S	Toxic effect of venom of gila monster, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.122	Toxic effect of venom of other venomous lizard, intentional self-harm	Diagnosis	ICD-10-CM
T63.122A	Toxic effect of venom of other venomous lizard, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.122D	Toxic effect of venom of other venomous lizard, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.122S	Toxic effect of venom of other venomous lizard, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.192	Toxic effect of venom of other reptiles, intentional self-harm	Diagnosis	ICD-10-CM
T63.192A	Toxic effect of venom of other reptiles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.192D	Toxic effect of venom of other reptiles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.192S	Toxic effect of venom of other reptiles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.2X2	Toxic effect of venom of scorpion, intentional self-harm	Diagnosis	ICD-10-CM
T63.2X2A	Toxic effect of venom of scorpion, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.2X2D	Toxic effect of venom of scorpion, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.2X2S	Toxic effect of venom of scorpion, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.302	Toxic effect of unspecified spider venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.302A	Toxic effect of unspecified spider venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.302D	Toxic effect of unspecified spider venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.302S	Toxic effect of unspecified spider venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.312	Toxic effect of venom of black widow spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.312A	Toxic effect of venom of black widow spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.312D	Toxic effect of venom of black widow spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.312S	Toxic effect of venom of black widow spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.322	Toxic effect of venom of tarantula, intentional self-harm	Diagnosis	ICD-10-CM
T63.322A	Toxic effect of venom of tarantula, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.322D	Toxic effect of venom of tarantula, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.322S	Toxic effect of venom of tarantula, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.332	Toxic effect of venom of brown recluse spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.332A	Toxic effect of venom of brown recluse spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.332D	Toxic effect of venom of brown recluse spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.332S	Toxic effect of venom of brown recluse spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.392	Toxic effect of venom of other spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.392A	Toxic effect of venom of other spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.392D	Toxic effect of venom of other spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.392S	Toxic effect of venom of other spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.412	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm	Diagnosis	ICD-10-CM
T63.412A	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.412D	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.412S	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.422	Toxic effect of venom of ants, intentional self-harm	Diagnosis	ICD-10-CM
T63.422A	Toxic effect of venom of ants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.422D	Toxic effect of venom of ants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.422S	Toxic effect of venom of ants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.432	Toxic effect of venom of caterpillars, intentional self-harm	Diagnosis	ICD-10-CM
T63.432A	Toxic effect of venom of caterpillars, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.432D	Toxic effect of venom of caterpillars, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.432S	Toxic effect of venom of caterpillars, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.442	Toxic effect of venom of bees, intentional self-harm	Diagnosis	ICD-10-CM
T63.442A	Toxic effect of venom of bees, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.442D	Toxic effect of venom of bees, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T63.442S	Toxic effect of venom of bees, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.452	Toxic effect of venom of hornets, intentional self-harm	Diagnosis	ICD-10-CM
T63.452A	Toxic effect of venom of hornets, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.452D	Toxic effect of venom of hornets, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.452S	Toxic effect of venom of hornets, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.462	Toxic effect of venom of wasps, intentional self-harm	Diagnosis	ICD-10-CM
T63.462A	Toxic effect of venom of wasps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.462D	Toxic effect of venom of wasps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.462S	Toxic effect of venom of wasps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.482	Toxic effect of venom of other arthropod, intentional self-harm	Diagnosis	ICD-10-CM
T63.482A	Toxic effect of venom of other arthropod, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.482D	Toxic effect of venom of other arthropod, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.482S	Toxic effect of venom of other arthropod, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.512	Toxic effect of contact with stingray, intentional self-harm	Diagnosis	ICD-10-CM
T63.512A	Toxic effect of contact with stingray, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.512D	Toxic effect of contact with stingray, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.512S	Toxic effect of contact with stingray, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.592	Toxic effect of contact with other venomous fish, intentional self-harm	Diagnosis	ICD-10-CM
T63.592A	Toxic effect of contact with other venomous fish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.592D	Toxic effect of contact with other venomous fish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.592S	Toxic effect of contact with other venomous fish, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.612	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm	Diagnosis	ICD-10-CM
T63.612A	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.612D	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.612S	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.622	Toxic effect of contact with other jellyfish, intentional self-harm	Diagnosis	ICD-10-CM
T63.622A	Toxic effect of contact with other jellyfish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.622D	Toxic effect of contact with other jellyfish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.622S	Toxic effect of contact with other jellyfish, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.632	Toxic effect of contact with sea anemone, intentional self-harm	Diagnosis	ICD-10-CM
T63.632A	Toxic effect of contact with sea anemone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.632D	Toxic effect of contact with sea anemone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.632S	Toxic effect of contact with sea anemone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.692	Toxic effect of contact with other venomous marine animals, intentional self-harm	Diagnosis	ICD-10-CM
T63.692A	Toxic effect of contact with other venomous marine animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.692D	Toxic effect of contact with other venomous marine animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.692S	Toxic effect of contact with other venomous marine animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.712	Toxic effect of contact with venomous marine plant, intentional self-harm	Diagnosis	ICD-10-CM
T63.712A	Toxic effect of contact with venomous marine plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.712D	Toxic effect of contact with venomous marine plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.712S	Toxic effect of contact with venomous marine plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.792	Toxic effect of contact with other venomous plant, intentional self-harm	Diagnosis	ICD-10-CM
T63.792A	Toxic effect of contact with other venomous plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.792D	Toxic effect of contact with other venomous plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.792S	Toxic effect of contact with other venomous plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.812	Toxic effect of contact with venomous frog, intentional self-harm	Diagnosis	ICD-10-CM
T63.812A	Toxic effect of contact with venomous frog, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.812D	Toxic effect of contact with venomous frog, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.812S	Toxic effect of contact with venomous frog, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.822	Toxic effect of contact with venomous toad, intentional self-harm	Diagnosis	ICD-10-CM
T63.822A	Toxic effect of contact with venomous toad, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.822D	Toxic effect of contact with venomous toad, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.822S	Toxic effect of contact with venomous toad, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.832	Toxic effect of contact with other venomous amphibian, intentional self-harm	Diagnosis	ICD-10-CM
T63.832A	Toxic effect of contact with other venomous amphibian, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.832D	Toxic effect of contact with other venomous amphibian, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.832S	Toxic effect of contact with other venomous amphibian, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.892	Toxic effect of contact with other venomous animals, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.892A	Toxic effect of contact with other venomous animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.892D	Toxic effect of contact with other venomous animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.892S	Toxic effect of contact with other venomous animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.92	Toxic effect of contact with unspecified venomous animal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.92XA	Toxic effect of contact with unspecified venomous animal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.92XD	Toxic effect of contact with unspecified venomous animal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.92XS	Toxic effect of contact with unspecified venomous animal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T64.02	Toxic effect of aflatoxin, intentional self-harm	Diagnosis	ICD-10-CM
T64.02XA	Toxic effect of aflatoxin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.02XD	Toxic effect of aflatoxin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T64.02XS	Toxic effect of aflatoxin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T64.82	Toxic effect of other mycotoxin food contaminants, intentional self-harm	Diagnosis	ICD-10-CM
T64.82XA	Toxic effect of other mycotoxin food contaminants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.82XD	Toxic effect of other mycotoxin food contaminants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T64.82XS	Toxic effect of other mycotoxin food contaminants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.0X2	Toxic effect of cyanides, intentional self-harm	Diagnosis	ICD-10-CM
T65.0X2A	Toxic effect of cyanides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.0X2D	Toxic effect of cyanides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.0X2S	Toxic effect of cyanides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.1X2	Toxic effect of strychnine and its salts, intentional self-harm	Diagnosis	ICD-10-CM
T65.1X2A	Toxic effect of strychnine and its salts, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.1X2D	Toxic effect of strychnine and its salts, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.1X2S	Toxic effect of strychnine and its salts, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.212	Toxic effect of chewing tobacco, intentional self-harm	Diagnosis	ICD-10-CM
T65.212A	Toxic effect of chewing tobacco, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.212D	Toxic effect of chewing tobacco, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.212S	Toxic effect of chewing tobacco, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.222	Toxic effect of tobacco cigarettes, intentional self-harm	Diagnosis	ICD-10-CM
T65.222A	Toxic effect of tobacco cigarettes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.222D	Toxic effect of tobacco cigarettes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.222S	Toxic effect of tobacco cigarettes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.292	Toxic effect of other tobacco and nicotine, intentional self-harm	Diagnosis	ICD-10-CM
T65.292A	Toxic effect of other tobacco and nicotine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T65.292D	Toxic effect of other tobacco and nicotine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.292S	Toxic effect of other tobacco and nicotine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.3X2	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm	Diagnosis	ICD-10-CM
T65.3X2A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.3X2D	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.3X2S	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.4X2	Toxic effect of carbon disulfide, intentional self-harm	Diagnosis	ICD-10-CM
T65.4X2A	Toxic effect of carbon disulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.4X2D	Toxic effect of carbon disulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.4X2S	Toxic effect of carbon disulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.5X2	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm	Diagnosis	ICD-10-CM
T65.5X2A	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.5X2D	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.5X2S	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.6X2	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T65.6X2A	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.6X2D	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.6X2S	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.812	Toxic effect of latex, intentional self-harm	Diagnosis	ICD-10-CM
T65.812A	Toxic effect of latex, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.812D	Toxic effect of latex, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.812S	Toxic effect of latex, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.822	Toxic effect of harmful algae and algae toxins, intentional self-harm	Diagnosis	ICD-10-CM
T65.822A	Toxic effect of harmful algae and algae toxins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.822D	Toxic effect of harmful algae and algae toxins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.822S	Toxic effect of harmful algae and algae toxins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.832	Toxic effect of fiberglass, intentional self-harm	Diagnosis	ICD-10-CM
T65.832A	Toxic effect of fiberglass, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.832D	Toxic effect of fiberglass, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.832S	Toxic effect of fiberglass, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T65.892	Toxic effect of other specified substances, intentional self-harm	Diagnosis	ICD-10-CM
T65.892A	Toxic effect of other specified substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.892D	Toxic effect of other specified substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.892S	Toxic effect of other specified substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.92	Toxic effect of unspecified substance, intentional self-harm	Diagnosis	ICD-10-CM
T65.92XA	Toxic effect of unspecified substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.92XD	Toxic effect of unspecified substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.92XS	Toxic effect of unspecified substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.112	Asphyxiation due to smothering under pillow, intentional self-harm	Diagnosis	ICD-10-CM
T71.112A	Asphyxiation due to smothering under pillow, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.112D	Asphyxiation due to smothering under pillow, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.112S	Asphyxiation due to smothering under pillow, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.122	Asphyxiation due to plastic bag, intentional self-harm	Diagnosis	ICD-10-CM
T71.122A	Asphyxiation due to plastic bag, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.122D	Asphyxiation due to plastic bag, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.122S	Asphyxiation due to plastic bag, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.132	Asphyxiation due to being trapped in bed linens, intentional self-harm	Diagnosis	ICD-10-CM
T71.132A	Asphyxiation due to being trapped in bed linens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.132D	Asphyxiation due to being trapped in bed linens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.132S	Asphyxiation due to being trapped in bed linens, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.152	Asphyxiation due to smothering in furniture, intentional self-harm	Diagnosis	ICD-10-CM
T71.152A	Asphyxiation due to smothering in furniture, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.152D	Asphyxiation due to smothering in furniture, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.152S	Asphyxiation due to smothering in furniture, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.162	Asphyxiation due to hanging, intentional self-harm	Diagnosis	ICD-10-CM
T71.162A	Asphyxiation due to hanging, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.162D	Asphyxiation due to hanging, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.162S	Asphyxiation due to hanging, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.192	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm	Diagnosis	ICD-10-CM
T71.192A	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.192D	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T71.192S	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.222	Asphyxiation due to being trapped in a car trunk, intentional self-harm	Diagnosis	ICD-10-CM
T71.222A	Asphyxiation due to being trapped in a car trunk, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.222D	Asphyxiation due to being trapped in a car trunk, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.222S	Asphyxiation due to being trapped in a car trunk, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.232	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm	Diagnosis	ICD-10-CM
T71.232A	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.232D	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.232S	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, sequela	Diagnosis	ICD-10-CM
X71	Intentional self-harm by drowning and submersion	Diagnosis	ICD-10-CM
X71.0	Intentional self-harm by drowning and submersion while in bathtub	Diagnosis	ICD-10-CM
X71.0XXA	Intentional self-harm by drowning and submersion while in bathtub, initial encounter	Diagnosis	ICD-10-CM
X71.0XXD	Intentional self-harm by drowning and submersion while in bathtub, subsequent encounter	Diagnosis	ICD-10-CM
X71.0XXS	Intentional self-harm by drowning and submersion while in bathtub, sequela	Diagnosis	ICD-10-CM
X71.1	Intentional self-harm by drowning and submersion while in swimming pool	Diagnosis	ICD-10-CM
X71.1XXA	Intentional self-harm by drowning and submersion while in swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.1XXD	Intentional self-harm by drowning and submersion while in swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.1XXS	Intentional self-harm by drowning and submersion while in swimming pool, sequela	Diagnosis	ICD-10-CM
X71.2	Intentional self-harm by drowning and submersion after jump into swimming pool	Diagnosis	ICD-10-CM
X71.2XXA	Intentional self-harm by drowning and submersion after jump into swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.2XXD	Intentional self-harm by drowning and submersion after jump into swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.2XXS	Intentional self-harm by drowning and submersion after jump into swimming pool, sequela	Diagnosis	ICD-10-CM
X71.3	Intentional self-harm by drowning and submersion in natural water	Diagnosis	ICD-10-CM
X71.3XXA	Intentional self-harm by drowning and submersion in natural water, initial encounter	Diagnosis	ICD-10-CM
X71.3XXD	Intentional self-harm by drowning and submersion in natural water, subsequent encounter	Diagnosis	ICD-10-CM
X71.3XXS	Intentional self-harm by drowning and submersion in natural water, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X71.8	Other intentional self-harm by drowning and submersion	Diagnosis	ICD-10-CM
X71.8XXA	Other intentional self-harm by drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
X71.8XXD	Other intentional self-harm by drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
X71.8XXS	Other intentional self-harm by drowning and submersion, sequela	Diagnosis	ICD-10-CM
X71.9	Intentional self-harm by drowning and submersion, unspecified	Diagnosis	ICD-10-CM
X71.9XXA	Intentional self-harm by drowning and submersion, unspecified, initial encounter	Diagnosis	ICD-10-CM
X71.9XXD	Intentional self-harm by drowning and submersion, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
X71.9XXS	Intentional self-harm by drowning and submersion, unspecified, sequela	Diagnosis	ICD-10-CM
X72	Intentional self-harm by handgun discharge	Diagnosis	ICD-10-CM
X72.XXXA	Intentional self-harm by handgun discharge, initial encounter	Diagnosis	ICD-10-CM
X72.XXXD	Intentional self-harm by handgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X72.XXXS	Intentional self-harm by handgun discharge, sequela	Diagnosis	ICD-10-CM
X73	Intentional self-harm by rifle, shotgun and larger firearm discharge	Diagnosis	ICD-10-CM
X73.0	Intentional self-harm by shotgun discharge	Diagnosis	ICD-10-CM
X73.0XXA	Intentional self-harm by shotgun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.0XXD	Intentional self-harm by shotgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.0XXS	Intentional self-harm by shotgun discharge, sequela	Diagnosis	ICD-10-CM
X73.1	Intentional self-harm by hunting rifle discharge	Diagnosis	ICD-10-CM
X73.1XXA	Intentional self-harm by hunting rifle discharge, initial encounter	Diagnosis	ICD-10-CM
X73.1XXD	Intentional self-harm by hunting rifle discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.1XXS	Intentional self-harm by hunting rifle discharge, sequela	Diagnosis	ICD-10-CM
X73.2	Intentional self-harm by machine gun discharge	Diagnosis	ICD-10-CM
X73.2XXA	Intentional self-harm by machine gun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.2XXD	Intentional self-harm by machine gun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.2XXS	Intentional self-harm by machine gun discharge, sequela	Diagnosis	ICD-10-CM
X73.8	Intentional self-harm by other larger firearm discharge	Diagnosis	ICD-10-CM
X73.8XXA	Intentional self-harm by other larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.8XXD	Intentional self-harm by other larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.8XXS	Intentional self-harm by other larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X73.9	Intentional self-harm by unspecified larger firearm discharge	Diagnosis	ICD-10-CM
X73.9XXA	Intentional self-harm by unspecified larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.9XXD	Intentional self-harm by unspecified larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.9XXS	Intentional self-harm by unspecified larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X74	Intentional self-harm by other and unspecified firearm and gun discharge	Diagnosis	ICD-10-CM
X74.0	Intentional self-harm by gas, air or spring-operated guns	Diagnosis	ICD-10-CM
X74.01	Intentional self-harm by airgun	Diagnosis	ICD-10-CM
X74.01XA	Intentional self-harm by airgun, initial encounter	Diagnosis	ICD-10-CM
X74.01XD	Intentional self-harm by airgun, subsequent encounter	Diagnosis	ICD-10-CM
X74.01XS	Intentional self-harm by airgun, sequela	Diagnosis	ICD-10-CM
X74.02	Intentional self-harm by paintball gun	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X74.02XA	Intentional self-harm by paintball gun, initial encounter	Diagnosis	ICD-10-CM
X74.02XD	Intentional self-harm by paintball gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.02XS	Intentional self-harm by paintball gun, sequela	Diagnosis	ICD-10-CM
X74.09	Intentional self-harm by other gas, air or spring-operated gun	Diagnosis	ICD-10-CM
X74.09XA	Intentional self-harm by other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
X74.09XD	Intentional self-harm by other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.09XS	Intentional self-harm by other gas, air or spring-operated gun, sequela	Diagnosis	ICD-10-CM
X74.8	Intentional self-harm by other firearm discharge	Diagnosis	ICD-10-CM
X74.8XXA	Intentional self-harm by other firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.8XXD	Intentional self-harm by other firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.8XXS	Intentional self-harm by other firearm discharge, sequela	Diagnosis	ICD-10-CM
X74.9	Intentional self-harm by unspecified firearm discharge	Diagnosis	ICD-10-CM
X74.9XXA	Intentional self-harm by unspecified firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.9XXD	Intentional self-harm by unspecified firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.9XXS	Intentional self-harm by unspecified firearm discharge, sequela	Diagnosis	ICD-10-CM
X75	Intentional self-harm by explosive material	Diagnosis	ICD-10-CM
X75.XXXA	Intentional self-harm by explosive material, initial encounter	Diagnosis	ICD-10-CM
X75.XXXD	Intentional self-harm by explosive material, subsequent encounter	Diagnosis	ICD-10-CM
X75.XXXS	Intentional self-harm by explosive material, sequela	Diagnosis	ICD-10-CM
X76	Intentional self-harm by smoke, fire and flames	Diagnosis	ICD-10-CM
X76.XXXA	Intentional self-harm by smoke, fire and flames, initial encounter	Diagnosis	ICD-10-CM
X76.XXXD	Intentional self-harm by smoke, fire and flames, subsequent encounter	Diagnosis	ICD-10-CM
X76.XXXS	Intentional self-harm by smoke, fire and flames, sequela	Diagnosis	ICD-10-CM
X77	Intentional self-harm by steam, hot vapors and hot objects	Diagnosis	ICD-10-CM
X77.0	Intentional self-harm by steam or hot vapors	Diagnosis	ICD-10-CM
X77.0XXA	Intentional self-harm by steam or hot vapors, initial encounter	Diagnosis	ICD-10-CM
X77.0XXD	Intentional self-harm by steam or hot vapors, subsequent encounter	Diagnosis	ICD-10-CM
X77.0XXS	Intentional self-harm by steam or hot vapors, sequela	Diagnosis	ICD-10-CM
X77.1	Intentional self-harm by hot tap water	Diagnosis	ICD-10-CM
X77.1XXA	Intentional self-harm by hot tap water, initial encounter	Diagnosis	ICD-10-CM
X77.1XXD	Intentional self-harm by hot tap water, subsequent encounter	Diagnosis	ICD-10-CM
X77.1XXS	Intentional self-harm by hot tap water, sequela	Diagnosis	ICD-10-CM
X77.2	Intentional self-harm by other hot fluids	Diagnosis	ICD-10-CM
X77.2XXA	Intentional self-harm by other hot fluids, initial encounter	Diagnosis	ICD-10-CM
X77.2XXD	Intentional self-harm by other hot fluids, subsequent encounter	Diagnosis	ICD-10-CM
X77.2XXS	Intentional self-harm by other hot fluids, sequela	Diagnosis	ICD-10-CM
X77.3	Intentional self-harm by hot household appliances	Diagnosis	ICD-10-CM
X77.3XXA	Intentional self-harm by hot household appliances, initial encounter	Diagnosis	ICD-10-CM
X77.3XXD	Intentional self-harm by hot household appliances, subsequent encounter	Diagnosis	ICD-10-CM
X77.3XXS	Intentional self-harm by hot household appliances, sequela	Diagnosis	ICD-10-CM
X77.8	Intentional self-harm by other hot objects	Diagnosis	ICD-10-CM
X77.8XXA	Intentional self-harm by other hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.8XXD	Intentional self-harm by other hot objects, subsequent encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
X77.8XXS	Intentional self-harm by other hot objects, sequela	Diagnosis	ICD-10-CM
X77.9	Intentional self-harm by unspecified hot objects	Diagnosis	ICD-10-CM
X77.9XXA	Intentional self-harm by unspecified hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.9XXD	Intentional self-harm by unspecified hot objects, subsequent encounter	Diagnosis	ICD-10-CM
X77.9XXS	Intentional self-harm by unspecified hot objects, sequela	Diagnosis	ICD-10-CM
X78	Intentional self-harm by sharp object	Diagnosis	ICD-10-CM
X78.0	Intentional self-harm by sharp glass	Diagnosis	ICD-10-CM
X78.0XXA	Intentional self-harm by sharp glass, initial encounter	Diagnosis	ICD-10-CM
X78.0XXD	Intentional self-harm by sharp glass, subsequent encounter	Diagnosis	ICD-10-CM
X78.0XXS	Intentional self-harm by sharp glass, sequela	Diagnosis	ICD-10-CM
X78.1	Intentional self-harm by knife	Diagnosis	ICD-10-CM
X78.1XXA	Intentional self-harm by knife, initial encounter	Diagnosis	ICD-10-CM
X78.1XXD	Intentional self-harm by knife, subsequent encounter	Diagnosis	ICD-10-CM
X78.1XXS	Intentional self-harm by knife, sequela	Diagnosis	ICD-10-CM
X78.2	Intentional self-harm by sword or dagger	Diagnosis	ICD-10-CM
X78.2XXA	Intentional self-harm by sword or dagger, initial encounter	Diagnosis	ICD-10-CM
X78.2XXD	Intentional self-harm by sword or dagger, subsequent encounter	Diagnosis	ICD-10-CM
X78.2XXS	Intentional self-harm by sword or dagger, sequela	Diagnosis	ICD-10-CM
X78.8	Intentional self-harm by other sharp object	Diagnosis	ICD-10-CM
X78.8XXA	Intentional self-harm by other sharp object, initial encounter	Diagnosis	ICD-10-CM
X78.8XXD	Intentional self-harm by other sharp object, subsequent encounter	Diagnosis	ICD-10-CM
X78.8XXS	Intentional self-harm by other sharp object, sequela	Diagnosis	ICD-10-CM
X78.9	Intentional self-harm by unspecified sharp object	Diagnosis	ICD-10-CM
X78.9XXA	Intentional self-harm by unspecified sharp object, initial encounter	Diagnosis	ICD-10-CM
X78.9XXD	Intentional self-harm by unspecified sharp object, subsequent encounter	Diagnosis	ICD-10-CM
X78.9XXS	Intentional self-harm by unspecified sharp object, sequela	Diagnosis	ICD-10-CM
X79	Intentional self-harm by blunt object	Diagnosis	ICD-10-CM
X79.XXXA	Intentional self-harm by blunt object, initial encounter	Diagnosis	ICD-10-CM
X79.XXXD	Intentional self-harm by blunt object, subsequent encounter	Diagnosis	ICD-10-CM
X79.XXXS	Intentional self-harm by blunt object, sequela	Diagnosis	ICD-10-CM
X80	Intentional self-harm by jumping from a high place	Diagnosis	ICD-10-CM
X80.XXXA	Intentional self-harm by jumping from a high place, initial encounter	Diagnosis	ICD-10-CM
X80.XXXD	Intentional self-harm by jumping from a high place, subsequent encounter	Diagnosis	ICD-10-CM
X80.XXXS	Intentional self-harm by jumping from a high place, sequela	Diagnosis	ICD-10-CM
X81	Intentional self-harm by jumping or lying in front of moving object	Diagnosis	ICD-10-CM
X81.0	Intentional self-harm by jumping or lying in front of motor vehicle	Diagnosis	ICD-10-CM
X81.0XXA	Intentional self-harm by jumping or lying in front of motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X81.0XXD	Intentional self-harm by jumping or lying in front of motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X81.0XXS	Intentional self-harm by jumping or lying in front of motor vehicle, sequela	Diagnosis	ICD-10-CM
X81.1	Intentional self-harm by jumping or lying in front of (subway) train	Diagnosis	ICD-10-CM
X81.1XXA	Intentional self-harm by jumping or lying in front of (subway) train, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X81.1XXD	Intentional self-harm by jumping or lying in front of (subway) train, subsequent encounter	Diagnosis	ICD-10-CM
X81.1XXS	Intentional self-harm by jumping or lying in front of (subway) train, sequela	Diagnosis	ICD-10-CM
X81.8	Intentional self-harm by jumping or lying in front of other moving object	Diagnosis	ICD-10-CM
X81.8XXA	Intentional self-harm by jumping or lying in front of other moving object, initial encounter	Diagnosis	ICD-10-CM
X81.8XXD	Intentional self-harm by jumping or lying in front of other moving object, subsequent encounter	Diagnosis	ICD-10-CM
X81.8XXS	Intentional self-harm by jumping or lying in front of other moving object, sequela	Diagnosis	ICD-10-CM
X82	Intentional self-harm by crashing of motor vehicle	Diagnosis	ICD-10-CM
X82.0	Intentional collision of motor vehicle with other motor vehicle	Diagnosis	ICD-10-CM
X82.0XXA	Intentional collision of motor vehicle with other motor vehicle, initial	Diagnosis	ICD-10-CM
X82.0XXD	Intentional collision of motor vehicle with other motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X82.0XXS	Intentional collision of motor vehicle with other motor vehicle, sequela	Diagnosis	ICD-10-CM
X82.1	Intentional collision of motor vehicle with train	Diagnosis	ICD-10-CM
X82.1XXA	Intentional collision of motor vehicle with train, initial encounter	Diagnosis	ICD-10-CM
X82.1XXD	Intentional collision of motor vehicle with train, subsequent encounter	Diagnosis	ICD-10-CM
X82.1XXS	Intentional collision of motor vehicle with train, sequela	Diagnosis	ICD-10-CM
X82.2	Intentional collision of motor vehicle with tree	Diagnosis	ICD-10-CM
X82.2XXA	Intentional collision of motor vehicle with tree, initial encounter	Diagnosis	ICD-10-CM
X82.2XXD	Intentional collision of motor vehicle with tree, subsequent encounter	Diagnosis	ICD-10-CM
X82.2XXS	Intentional collision of motor vehicle with tree, sequela	Diagnosis	ICD-10-CM
X82.8	Other intentional self-harm by crashing of motor vehicle	Diagnosis	ICD-10-CM
X82.8XXA	Other intentional self-harm by crashing of motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X82.8XXD	Other intentional self-harm by crashing of motor vehicle, subsequent	Diagnosis	ICD-10-CM
X82.8XXS	Other intentional self-harm by crashing of motor vehicle, sequela	Diagnosis	ICD-10-CM
X83	Intentional self-harm by other specified means	Diagnosis	ICD-10-CM
X83.0	Intentional self-harm by crashing of aircraft	Diagnosis	ICD-10-CM
X83.0XXA	Intentional self-harm by crashing of aircraft, initial encounter	Diagnosis	ICD-10-CM
X83.0XXD	Intentional self-harm by crashing of aircraft, subsequent encounter	Diagnosis	ICD-10-CM
X83.0XXS	Intentional self-harm by crashing of aircraft, sequela	Diagnosis	ICD-10-CM
X83.1	Intentional self-harm by electrocution	Diagnosis	ICD-10-CM
X83.1XXA	Intentional self-harm by electrocution, initial encounter	Diagnosis	ICD-10-CM
X83.1XXD	Intentional self-harm by electrocution, subsequent encounter	Diagnosis	ICD-10-CM
X83.1XXS	Intentional self-harm by electrocution, sequela	Diagnosis	ICD-10-CM
X83.2	Intentional self-harm by exposure to extremes of cold	Diagnosis	ICD-10-CM
X83.2XXA	Intentional self-harm by exposure to extremes of cold, initial encounter	Diagnosis	ICD-10-CM
X83.2XXD	Intentional self-harm by exposure to extremes of cold, subsequent encounter	Diagnosis	ICD-10-CM
X83.2XXS	Intentional self-harm by exposure to extremes of cold, sequela	Diagnosis	ICD-10-CM
X83.8	Intentional self-harm by other specified means	Diagnosis	ICD-10-CM
X83.8XXA	Intentional self-harm by other specified means, initial encounter	Diagnosis	ICD-10-CM
X83.8XXD	Intentional self-harm by other specified means, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X83.8XXS	Intentional self-harm by other specified means, sequela	Diagnosis	ICD-10-CM
<b>Encounter for Other Psychiatric Event</b>			
290.0	Senile dementia, uncomplicated	Diagnosis	ICD-9-CM
290.10	Presenile dementia, uncomplicated	Diagnosis	ICD-9-CM
290.11	Presenile dementia with delirium	Diagnosis	ICD-9-CM
290.12	Presenile dementia with delusional features	Diagnosis	ICD-9-CM
290.13	Presenile dementia with depressive features	Diagnosis	ICD-9-CM
290.20	Senile dementia with delusional features	Diagnosis	ICD-9-CM
290.21	Senile dementia with depressive features	Diagnosis	ICD-9-CM
290.3	Senile dementia with delirium	Diagnosis	ICD-9-CM
290.40	Vascular dementia, uncomplicated	Diagnosis	ICD-9-CM
290.41	Vascular dementia, with delirium	Diagnosis	ICD-9-CM
290.42	Vascular dementia, with delusions	Diagnosis	ICD-9-CM
290.43	Vascular dementia, with depressed mood	Diagnosis	ICD-9-CM
290.8	Other specified senile psychotic conditions	Diagnosis	ICD-9-CM
290.9	Unspecified senile psychotic condition	Diagnosis	ICD-9-CM
291	Alcohol-induced mental disorders	Diagnosis	ICD-9-CM
291.0	Alcohol withdrawal delirium	Diagnosis	ICD-9-CM
291.1	Alcohol-induced persisting amnestic disorder	Diagnosis	ICD-9-CM
291.2	Alcohol-induced persisting dementia	Diagnosis	ICD-9-CM
291.3	Alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-9-CM
291.4	Idiosyncratic alcohol intoxication	Diagnosis	ICD-9-CM
291.5	Alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-9-CM
291.8	Other specified alcohol-induced mental disorders	Diagnosis	ICD-9-CM
291.81	Alcohol withdrawal	Diagnosis	ICD-9-CM
291.82	Alcohol induced sleep disorders	Diagnosis	ICD-9-CM
291.89	Other specified alcohol-induced mental disorders	Diagnosis	ICD-9-CM
291.9	Unspecified alcohol-induced mental disorders	Diagnosis	ICD-9-CM
292	Drug-induced mental disorders	Diagnosis	ICD-9-CM
292.0	Drug withdrawal	Diagnosis	ICD-9-CM
292.1	Drug-induced psychotic disorder	Diagnosis	ICD-9-CM
292.11	Drug-induced psychotic disorder with delusions	Diagnosis	ICD-9-CM
292.12	Drug-induced psychotic disorder with hallucinations	Diagnosis	ICD-9-CM
292.2	Pathological drug intoxication	Diagnosis	ICD-9-CM
292.8	Other specified drug-induced mental disorders	Diagnosis	ICD-9-CM
292.81	Drug-induced delirium	Diagnosis	ICD-9-CM
292.82	Drug-induced persisting dementia	Diagnosis	ICD-9-CM
292.83	Drug-induced persisting amnestic disorder	Diagnosis	ICD-9-CM
292.84	Drug-induced mood disorder	Diagnosis	ICD-9-CM
292.85	Drug induced sleep disorders	Diagnosis	ICD-9-CM
292.89	Other specified drug-induced mental disorder	Diagnosis	ICD-9-CM
292.9	Unspecified drug-induced mental disorder	Diagnosis	ICD-9-CM
293	Transient mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
293.0	Delirium due to conditions classified elsewhere	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
293.1	Subacute delirium	Diagnosis	ICD-9-CM
293.8	Other specified transient mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
293.81	Psychotic disorder with delusions in conditions classified elsewhere	Diagnosis	ICD-9-CM
293.82	Psychotic disorder with hallucinations in conditions classified elsewhere	Diagnosis	ICD-9-CM
293.83	Mood disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
293.84	Anxiety disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
293.89	Other transient mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
293.9	Unspecified transient mental disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
294	Persistent mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
294.0	Amnestic disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
294.1	Dementia in conditions classified elsewhere	Diagnosis	ICD-9-CM
294.10	Dementia in conditions classified elsewhere without behavioral disturbance	Diagnosis	ICD-9-CM
294.11	Dementia in conditions classified elsewhere with behavioral disturbance	Diagnosis	ICD-9-CM
294.2	Dementia, unspecified	Diagnosis	ICD-9-CM
294.20	Dementia, unspecified, without behavioral disturbance	Diagnosis	ICD-9-CM
294.21	Dementia, unspecified, with behavioral disturbance	Diagnosis	ICD-9-CM
294.8	Other persistent mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
294.9	Unspecified persistent mental disorders due to conditions classified elsewhere	Diagnosis	ICD-9-CM
295	Schizophrenic disorders	Diagnosis	ICD-9-CM
295.0	Simple type schizophrenia	Diagnosis	ICD-9-CM
295.00	Simple schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.01	Simple schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.02	Simple schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.03	Simple schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.04	Simple schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.05	Simple schizophrenia, in remission	Diagnosis	ICD-9-CM
295.1	Disorganized type schizophrenia	Diagnosis	ICD-9-CM
295.10	Disorganized schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.11	Disorganized schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.12	Disorganized schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.13	Disorganized schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.14	Disorganized schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.15	Disorganized schizophrenia, in remission	Diagnosis	ICD-9-CM
295.2	Catatonic type schizophrenia	Diagnosis	ICD-9-CM
295.20	Catatonic schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.21	Catatonic schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.22	Catatonic schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.23	Catatonic schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.24	Catatonic schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.25	Catatonic schizophrenia, in remission	Diagnosis	ICD-9-CM
295.3	Paranoid type schizophrenia	Diagnosis	ICD-9-CM
295.30	Paranoid schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.31	Paranoid schizophrenia, subchronic condition	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
295.32	Paranoid schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.33	Paranoid schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.34	Paranoid schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.35	Paranoid schizophrenia, in remission	Diagnosis	ICD-9-CM
295.4	Schizophreniform disorder	Diagnosis	ICD-9-CM
295.40	Schizophreniform disorder, unspecified	Diagnosis	ICD-9-CM
295.41	Schizophreniform disorder, subchronic	Diagnosis	ICD-9-CM
295.42	Schizophreniform disorder, chronic	Diagnosis	ICD-9-CM
295.43	Schizophreniform disorder, subchronic with acute exacerbation	Diagnosis	ICD-9-CM
295.44	Schizophreniform disorder, chronic with acute exacerbation	Diagnosis	ICD-9-CM
295.45	Schizophreniform disorder, in remission	Diagnosis	ICD-9-CM
295.5	Latent schizophrenia	Diagnosis	ICD-9-CM
295.50	Latent schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.51	Latent schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.52	Latent schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.53	Latent schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.54	Latent schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.55	Latent schizophrenia, in remission	Diagnosis	ICD-9-CM
295.6	Schizophrenic disorders, residual type	Diagnosis	ICD-9-CM
295.60	Schizophrenic disorders, residual type, unspecified	Diagnosis	ICD-9-CM
295.61	Schizophrenic disorders, residual type, subchronic	Diagnosis	ICD-9-CM
295.62	Schizophrenic disorders, residual type, chronic	Diagnosis	ICD-9-CM
295.63	Schizophrenic disorders, residual type, subchronic with acute exacerbation	Diagnosis	ICD-9-CM
295.64	Schizophrenic disorders, residual type, chronic with acute exacerbation	Diagnosis	ICD-9-CM
295.65	Schizophrenic disorders, residual type, in remission	Diagnosis	ICD-9-CM
295.7	Schizoaffective disorder	Diagnosis	ICD-9-CM
295.70	Schizoaffective disorder, unspecified	Diagnosis	ICD-9-CM
295.71	Schizoaffective disorder, subchronic	Diagnosis	ICD-9-CM
295.72	Schizoaffective disorder, chronic	Diagnosis	ICD-9-CM
295.73	Schizoaffective disorder, subchronic with acute exacerbation	Diagnosis	ICD-9-CM
295.74	Schizoaffective disorder, chronic with acute exacerbation	Diagnosis	ICD-9-CM
295.75	Schizoaffective disorder, in remission	Diagnosis	ICD-9-CM
295.8	Other specified types of schizophrenia	Diagnosis	ICD-9-CM
295.80	Other specified types of schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.81	Other specified types of schizophrenia, subchronic condition	Diagnosis	ICD-9-CM
295.82	Other specified types of schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.83	Other specified types of schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.84	Other specified types of schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.85	Other specified types of schizophrenia, in remission	Diagnosis	ICD-9-CM
295.9	Unspecified schizophrenia	Diagnosis	ICD-9-CM
295.90	Unspecified schizophrenia, unspecified condition	Diagnosis	ICD-9-CM
295.91	Unspecified schizophrenia, subchronic condition	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
295.92	Unspecified schizophrenia, chronic condition	Diagnosis	ICD-9-CM
295.93	Unspecified schizophrenia, subchronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.94	Unspecified schizophrenia, chronic condition with acute exacerbation	Diagnosis	ICD-9-CM
295.95	Unspecified schizophrenia, in remission	Diagnosis	ICD-9-CM
296.0	Bipolar I disorder, single manic episode	Diagnosis	ICD-9-CM
296.00	Bipolar I disorder, single manic episode, unspecified	Diagnosis	ICD-9-CM
296.01	Bipolar I disorder, single manic episode, mild	Diagnosis	ICD-9-CM
296.02	Bipolar I disorder, single manic episode, moderate	Diagnosis	ICD-9-CM
296.03	Bipolar I disorder, single manic episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.04	Bipolar I disorder, single manic episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.05	Bipolar I disorder, single manic episode, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.06	Bipolar I disorder, single manic episode, in full remission	Diagnosis	ICD-9-CM
296.1	Manic disorder, recurrent episode	Diagnosis	ICD-9-CM
296.10	Manic disorder, recurrent episode, unspecified	Diagnosis	ICD-9-CM
296.11	Manic disorder, recurrent episode, mild	Diagnosis	ICD-9-CM
296.12	Manic disorder, recurrent episode, moderate	Diagnosis	ICD-9-CM
296.13	Manic disorder, recurrent episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.14	Manic disorder, recurrent episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.15	Manic disorder, recurrent episode, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.16	Manic disorder, recurrent episode, in full remission	Diagnosis	ICD-9-CM
296.2	Major depressive disorder, single episode	Diagnosis	ICD-9-CM
296.20	Major depressive disorder, single episode, unspecified	Diagnosis	ICD-9-CM
296.21	Major depressive disorder, single episode, mild	Diagnosis	ICD-9-CM
296.22	Major depressive disorder, single episode, moderate	Diagnosis	ICD-9-CM
296.23	Major depressive disorder, single episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.24	Major depressive disorder, single episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.25	Major depressive disorder, single episode, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.26	Major depressive disorder, single episode in full remission	Diagnosis	ICD-9-CM
296.3	Major depressive disorder, recurrent episode	Diagnosis	ICD-9-CM
296.30	Major depressive disorder, recurrent episode, unspecified	Diagnosis	ICD-9-CM
296.31	Major depressive disorder, recurrent episode, mild	Diagnosis	ICD-9-CM
296.32	Major depressive disorder, recurrent episode, moderate	Diagnosis	ICD-9-CM
296.33	Major depressive disorder, recurrent episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.34	Major depressive disorder, recurrent episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.35	Major depressive disorder, recurrent episode, in partial or unspecified	Diagnosis	ICD-9-CM
296.36	Major depressive disorder, recurrent episode, in full remission	Diagnosis	ICD-9-CM
296.4	Bipolar I disorder, most recent episode (or current) manic	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
296.40	Bipolar I disorder, most recent episode (or current) manic, unspecified	Diagnosis	ICD-9-CM
296.41	Bipolar I disorder, most recent episode (or current) manic, mild	Diagnosis	ICD-9-CM
296.42	Bipolar I disorder, most recent episode (or current) manic, moderate	Diagnosis	ICD-9-CM
296.43	Bipolar I disorder, most recent episode (or current) manic, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.44	Bipolar I disorder, most recent episode (or current) manic, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.45	Bipolar I disorder, most recent episode (or current) manic, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.46	Bipolar I disorder, most recent episode (or current) manic, in full remission	Diagnosis	ICD-9-CM
296.5	Bipolar I disorder, most recent episode (or current), depressed	Diagnosis	ICD-9-CM
296.50	Bipolar I disorder, most recent episode (or current) depressed, unspecified	Diagnosis	ICD-9-CM
296.51	Bipolar I disorder, most recent episode (or current) depressed, mild	Diagnosis	ICD-9-CM
296.52	Bipolar I disorder, most recent episode (or current) depressed, moderate	Diagnosis	ICD-9-CM
296.53	Bipolar I disorder, most recent episode (or current) depressed, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.54	Bipolar I disorder, most recent episode (or current) depressed, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.55	Bipolar I disorder, most recent episode (or current) depressed, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.56	Bipolar I disorder, most recent episode (or current) depressed, in full remission	Diagnosis	ICD-9-CM
296.6	Bipolar I disorder, most recent episode (or current), mixed	Diagnosis	ICD-9-CM
296.60	Bipolar I disorder, most recent episode (or current) mixed, unspecified	Diagnosis	ICD-9-CM
296.61	Bipolar I disorder, most recent episode (or current) mixed, mild	Diagnosis	ICD-9-CM
296.62	Bipolar I disorder, most recent episode (or current) mixed, moderate	Diagnosis	ICD-9-CM
296.63	Bipolar I disorder, most recent episode (or current) mixed, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.64	Bipolar I disorder, most recent episode (or current) mixed, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.65	Bipolar I disorder, most recent episode (or current) mixed, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.66	Bipolar I disorder, most recent episode (or current) mixed, in full remission	Diagnosis	ICD-9-CM
296.7	Bipolar I disorder, most recent episode (or current) unspecified	Diagnosis	ICD-9-CM
296.8	Other and unspecified bipolar disorders	Diagnosis	ICD-9-CM
296.80	Bipolar disorder, unspecified	Diagnosis	ICD-9-CM
296.81	Atypical manic disorder	Diagnosis	ICD-9-CM
296.82	Atypical depressive disorder	Diagnosis	ICD-9-CM
296.89	Other and unspecified bipolar disorders	Diagnosis	ICD-9-CM
296.90	Unspecified episodic mood disorder	Diagnosis	ICD-9-CM
296.99	Other specified episodic mood disorder	Diagnosis	ICD-9-CM
297	Delusional disorders	Diagnosis	ICD-9-CM
297.0	Paranoid state, simple	Diagnosis	ICD-9-CM
297.1	Delusional disorder	Diagnosis	ICD-9-CM
297.2	Paraphrenia	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
297.3	Shared psychotic disorder	Diagnosis	ICD-9-CM
297.8	Other specified paranoid states	Diagnosis	ICD-9-CM
297.9	Unspecified paranoid state	Diagnosis	ICD-9-CM
298	Other nonorganic psychoses	Diagnosis	ICD-9-CM
298.0	Depressive type psychosis	Diagnosis	ICD-9-CM
298.1	Excitatory type psychosis	Diagnosis	ICD-9-CM
298.2	Reactive confusion	Diagnosis	ICD-9-CM
298.3	Acute paranoid reaction	Diagnosis	ICD-9-CM
298.4	Psychogenic paranoid psychosis	Diagnosis	ICD-9-CM
298.8	Other and unspecified reactive psychosis	Diagnosis	ICD-9-CM
298.9	Unspecified psychosis	Diagnosis	ICD-9-CM
299	Pervasive developmental disorders	Diagnosis	ICD-9-CM
299.0	Autistic disorder	Diagnosis	ICD-9-CM
299.00	Autistic disorder, current or active state	Diagnosis	ICD-9-CM
299.01	Autistic disorder, residual state	Diagnosis	ICD-9-CM
299.1	Childhood disintegrative disorder	Diagnosis	ICD-9-CM
299.10	Childhood disintegrative disorder, current or active state	Diagnosis	ICD-9-CM
299.11	Childhood disintegrative disorder, residual state	Diagnosis	ICD-9-CM
299.8	Other specified pervasive developmental disorders	Diagnosis	ICD-9-CM
299.80	Other specified pervasive developmental disorders, current or active state	Diagnosis	ICD-9-CM
299.81	Other specified pervasive developmental disorders, residual state	Diagnosis	ICD-9-CM
299.9	Unspecified pervasive developmental disorder	Diagnosis	ICD-9-CM
299.90	Unspecified pervasive developmental disorder, current or active state	Diagnosis	ICD-9-CM
299.91	Unspecified pervasive developmental disorder, residual state	Diagnosis	ICD-9-CM
300.0	Anxiety states	Diagnosis	ICD-9-CM
300.00	Anxiety state, unspecified	Diagnosis	ICD-9-CM
300.01	Panic disorder without agoraphobia	Diagnosis	ICD-9-CM
300.02	Generalized anxiety disorder	Diagnosis	ICD-9-CM
300.09	Other anxiety states	Diagnosis	ICD-9-CM
300.1	Dissociative, conversion and factitious disorders	Diagnosis	ICD-9-CM
300.10	Hysteria, unspecified	Diagnosis	ICD-9-CM
300.11	Conversion disorder	Diagnosis	ICD-9-CM
300.12	Dissociative amnesia	Diagnosis	ICD-9-CM
300.13	Dissociative fugue	Diagnosis	ICD-9-CM
300.14	Dissociative identity disorder	Diagnosis	ICD-9-CM
300.15	Dissociative disorder or reaction, unspecified	Diagnosis	ICD-9-CM
300.16	Factitious disorder with predominantly psychological signs and symptoms	Diagnosis	ICD-9-CM
300.19	Other and unspecified factitious illness	Diagnosis	ICD-9-CM
300.2	Phobic disorders	Diagnosis	ICD-9-CM
300.20	Phobia, unspecified	Diagnosis	ICD-9-CM
300.21	Agoraphobia with panic disorder	Diagnosis	ICD-9-CM
300.22	Agoraphobia without mention of panic attacks	Diagnosis	ICD-9-CM
300.23	Social phobia	Diagnosis	ICD-9-CM
300.29	Other isolated or specific phobias	Diagnosis	ICD-9-CM



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

Code	Description	Code Category	Code Type
300.3	Obsessive-compulsive disorders	Diagnosis	ICD-9-CM
300.4	Dysthymic disorder	Diagnosis	ICD-9-CM
300.5	Neurasthenia	Diagnosis	ICD-9-CM
300.6	Depersonalization disorder	Diagnosis	ICD-9-CM
300.7	Hypochondriasis	Diagnosis	ICD-9-CM
300.8	Somatoform disorders	Diagnosis	ICD-9-CM
300.81	Somatization disorder	Diagnosis	ICD-9-CM
300.82	Undifferentiated somatoform disorder	Diagnosis	ICD-9-CM
300.89	Other somatoform disorders	Diagnosis	ICD-9-CM
300.9	Unspecified nonpsychotic mental disorder	Diagnosis	ICD-9-CM
301	Personality disorders	Diagnosis	ICD-9-CM
301.0	Paranoid personality disorder	Diagnosis	ICD-9-CM
301.1	Affective personality disorder	Diagnosis	ICD-9-CM
301.10	Affective personality disorder, unspecified	Diagnosis	ICD-9-CM
301.11	Chronic hypomanic personality disorder	Diagnosis	ICD-9-CM
301.12	Chronic depressive personality disorder	Diagnosis	ICD-9-CM
301.13	Cyclothymic disorder	Diagnosis	ICD-9-CM
301.2	Schizoid personality disorder	Diagnosis	ICD-9-CM
301.20	Schizoid personality disorder, unspecified	Diagnosis	ICD-9-CM
301.21	Introverted personality	Diagnosis	ICD-9-CM
301.22	Schizotypal personality disorder	Diagnosis	ICD-9-CM
301.3	Explosive personality disorder	Diagnosis	ICD-9-CM
301.4	Obsessive-compulsive personality disorder	Diagnosis	ICD-9-CM
301.5	Histrionic personality disorder	Diagnosis	ICD-9-CM
301.50	Histrionic personality disorder, unspecified	Diagnosis	ICD-9-CM
301.51	Chronic factitious illness with physical symptoms	Diagnosis	ICD-9-CM
301.59	Other histrionic personality disorder	Diagnosis	ICD-9-CM
301.6	Dependent personality disorder	Diagnosis	ICD-9-CM
301.7	Antisocial personality disorder	Diagnosis	ICD-9-CM
301.8	Other personality disorders	Diagnosis	ICD-9-CM
301.81	Narcissistic personality disorder	Diagnosis	ICD-9-CM
301.82	Avoidant personality disorder	Diagnosis	ICD-9-CM
301.83	Borderline personality disorder	Diagnosis	ICD-9-CM
301.84	Passive-aggressive personality	Diagnosis	ICD-9-CM
301.89	Other personality disorder	Diagnosis	ICD-9-CM
301.9	Unspecified personality disorder	Diagnosis	ICD-9-CM
302	Sexual and gender identity disorders	Diagnosis	ICD-9-CM
302.0	Ego-dystonic sexual orientation	Diagnosis	ICD-9-CM
302.1	Zoophilia	Diagnosis	ICD-9-CM
302.2	Pedophilia	Diagnosis	ICD-9-CM
302.3	Transvestic fetishism	Diagnosis	ICD-9-CM
302.4	Exhibitionism	Diagnosis	ICD-9-CM
302.5	Trans-sexualism	Diagnosis	ICD-9-CM
302.50	Trans-sexualism with unspecified sexual history	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
302.51	Trans-sexualism with asexual history	Diagnosis	ICD-9-CM
302.52	Trans-sexualism with homosexual history	Diagnosis	ICD-9-CM
302.53	Trans-sexualism with heterosexual history	Diagnosis	ICD-9-CM
302.6	Gender identity disorder in children	Diagnosis	ICD-9-CM
302.7	Psychosexual dysfunction	Diagnosis	ICD-9-CM
302.70	Psychosexual dysfunction, unspecified	Diagnosis	ICD-9-CM
302.71	Hypoactive sexual desire disorder	Diagnosis	ICD-9-CM
302.72	Psychosexual dysfunction with inhibited sexual excitement	Diagnosis	ICD-9-CM
302.73	Female orgasmic disorder	Diagnosis	ICD-9-CM
302.74	Male orgasmic disorder	Diagnosis	ICD-9-CM
302.75	Premature ejaculation	Diagnosis	ICD-9-CM
302.76	Dyspareunia, psychogenic	Diagnosis	ICD-9-CM
302.79	Psychosexual dysfunction with other specified psychosexual dysfunctions	Diagnosis	ICD-9-CM
302.8	Other specified psychosexual disorders	Diagnosis	ICD-9-CM
302.81	Fetishism	Diagnosis	ICD-9-CM
302.82	Voyeurism	Diagnosis	ICD-9-CM
302.83	Sexual masochism	Diagnosis	ICD-9-CM
302.84	Sexual sadism	Diagnosis	ICD-9-CM
302.85	Gender identity disorder in adolescents or adults	Diagnosis	ICD-9-CM
302.89	Other specified psychosexual disorder	Diagnosis	ICD-9-CM
302.9	Unspecified psychosexual disorder	Diagnosis	ICD-9-CM
303	Alcohol dependence syndrome	Diagnosis	ICD-9-CM
303.0	Acute alcoholic intoxication	Diagnosis	ICD-9-CM
303.00	Acute alcoholic intoxication, unspecified	Diagnosis	ICD-9-CM
303.01	Acute alcoholic intoxication, continuous	Diagnosis	ICD-9-CM
303.02	Acute alcoholic intoxication, episodic	Diagnosis	ICD-9-CM
303.03	Acute alcoholic intoxication, in remission	Diagnosis	ICD-9-CM
303.9	Other and unspecified alcohol dependence	Diagnosis	ICD-9-CM
303.90	Other and unspecified alcohol dependence, unspecified	Diagnosis	ICD-9-CM
303.91	Other and unspecified alcohol dependence, continuous	Diagnosis	ICD-9-CM
303.92	Other and unspecified alcohol dependence, episodic	Diagnosis	ICD-9-CM
303.93	Other and unspecified alcohol dependence, in remission	Diagnosis	ICD-9-CM
304	Drug dependence	Diagnosis	ICD-9-CM
304.0	Opioid type dependence	Diagnosis	ICD-9-CM
304.00	Opioid type dependence, unspecified	Diagnosis	ICD-9-CM
304.01	Opioid type dependence, continuous	Diagnosis	ICD-9-CM
304.02	Opioid type dependence, episodic	Diagnosis	ICD-9-CM
304.03	Opioid type dependence, in remission	Diagnosis	ICD-9-CM
304.1	Sedative, hypnotic or anxiolytic dependence	Diagnosis	ICD-9-CM
304.10	Sedative, hypnotic or anxiolytic dependence, unspecified	Diagnosis	ICD-9-CM
304.11	Sedative, hypnotic or anxiolytic dependence, continuous	Diagnosis	ICD-9-CM
304.12	Sedative, hypnotic or anxiolytic dependence, episodic	Diagnosis	ICD-9-CM
304.13	Sedative, hypnotic or anxiolytic dependence, in remission	Diagnosis	ICD-9-CM
304.2	Cocaine dependence	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
304.20	Cocaine dependence, unspecified	Diagnosis	ICD-9-CM
304.21	Cocaine dependence, continuous	Diagnosis	ICD-9-CM
304.22	Cocaine dependence, episodic	Diagnosis	ICD-9-CM
304.23	Cocaine dependence, in remission	Diagnosis	ICD-9-CM
304.3	Cannabis dependence	Diagnosis	ICD-9-CM
304.30	Cannabis dependence, unspecified	Diagnosis	ICD-9-CM
304.31	Cannabis dependence, continuous	Diagnosis	ICD-9-CM
304.32	Cannabis dependence, episodic	Diagnosis	ICD-9-CM
304.33	Cannabis dependence, in remission	Diagnosis	ICD-9-CM
304.4	Amphetamine and other psychostimulant dependence	Diagnosis	ICD-9-CM
304.40	Amphetamine and other psychostimulant dependence, unspecified	Diagnosis	ICD-9-CM
304.41	Amphetamine and other psychostimulant dependence, continuous	Diagnosis	ICD-9-CM
304.42	Amphetamine and other psychostimulant dependence, episodic	Diagnosis	ICD-9-CM
304.43	Amphetamine and other psychostimulant dependence, in remission	Diagnosis	ICD-9-CM
304.5	Hallucinogen dependence	Diagnosis	ICD-9-CM
304.50	Hallucinogen dependence, unspecified	Diagnosis	ICD-9-CM
304.51	Hallucinogen dependence, continuous	Diagnosis	ICD-9-CM
304.52	Hallucinogen dependence, episodic	Diagnosis	ICD-9-CM
304.53	Hallucinogen dependence, in remission	Diagnosis	ICD-9-CM
304.6	Other specified drug dependence	Diagnosis	ICD-9-CM
304.60	Other specified drug dependence, unspecified	Diagnosis	ICD-9-CM
304.61	Other specified drug dependence, continuous	Diagnosis	ICD-9-CM
304.62	Other specified drug dependence, episodic	Diagnosis	ICD-9-CM
304.63	Other specified drug dependence, in remission	Diagnosis	ICD-9-CM
304.7	Combinations of opioid type drug with any other drug dependence	Diagnosis	ICD-9-CM
304.70	Combinations of opioid type drug with any other drug dependence,	Diagnosis	ICD-9-CM
304.71	Combinations of opioid type drug with any other drug dependence,	Diagnosis	ICD-9-CM
304.72	Combinations of opioid type drug with any other drug dependence, episodic	Diagnosis	ICD-9-CM
304.73	Combinations of opioid type drug with any other drug dependence, in	Diagnosis	ICD-9-CM
304.8	Combinations of drug dependence excluding opioid type drug	Diagnosis	ICD-9-CM
304.80	Combinations of drug dependence excluding opioid type drug, unspecified	Diagnosis	ICD-9-CM
304.81	Combinations of drug dependence excluding opioid type drug, continuous	Diagnosis	ICD-9-CM
304.82	Combinations of drug dependence excluding opioid type drug, episodic	Diagnosis	ICD-9-CM
304.83	Combinations of drug dependence excluding opioid type drug, in remission	Diagnosis	ICD-9-CM
304.9	Unspecified drug dependence	Diagnosis	ICD-9-CM
304.90	Unspecified drug dependence, unspecified	Diagnosis	ICD-9-CM
304.91	Unspecified drug dependence, continuous	Diagnosis	ICD-9-CM
304.92	Unspecified drug dependence, episodic	Diagnosis	ICD-9-CM
304.93	Unspecified drug dependence, in remission	Diagnosis	ICD-9-CM
305	Nondependent abuse of drugs	Diagnosis	ICD-9-CM
305.0	Nondependent alcohol abuse	Diagnosis	ICD-9-CM
305.00	Nondependent alcohol abuse, unspecified	Diagnosis	ICD-9-CM
305.01	Nondependent alcohol abuse, continuous	Diagnosis	ICD-9-CM
305.02	Nondependent alcohol abuse, episodic	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
305.03	Nondependent alcohol abuse, in remission	Diagnosis	ICD-9-CM
305.1	Nondependent tobacco use disorder	Diagnosis	ICD-9-CM
305.2	Nondependent cannabis abuse	Diagnosis	ICD-9-CM
305.20	Nondependent cannabis abuse, unspecified	Diagnosis	ICD-9-CM
305.21	Nondependent cannabis abuse, continuous	Diagnosis	ICD-9-CM
305.22	Nondependent cannabis abuse, episodic	Diagnosis	ICD-9-CM
305.23	Nondependent cannabis abuse, in remission	Diagnosis	ICD-9-CM
305.3	Nondependent hallucinogen abuse	Diagnosis	ICD-9-CM
305.30	Nondependent hallucinogen abuse, unspecified	Diagnosis	ICD-9-CM
305.31	Nondependent hallucinogen abuse, continuous	Diagnosis	ICD-9-CM
305.32	Nondependent hallucinogen abuse, episodic	Diagnosis	ICD-9-CM
305.33	Nondependent hallucinogen abuse, in remission	Diagnosis	ICD-9-CM
305.4	Nondependent sedative, hypnotic or anxiolytic abuse	Diagnosis	ICD-9-CM
305.40	Nondependent sedative, hypnotic or anxiolytic abuse, unspecified	Diagnosis	ICD-9-CM
305.41	Nondependent sedative hypnotic or anxiolytic abuse, continuous	Diagnosis	ICD-9-CM
305.42	Nondependent sedative, hypnotic or anxiolytic abuse, episodic	Diagnosis	ICD-9-CM
305.43	Nondependent sedative, hypnotic or anxiolytic abuse, in remission	Diagnosis	ICD-9-CM
305.5	Nondependent opioid abuse	Diagnosis	ICD-9-CM
305.50	Nondependent opioid abuse, unspecified	Diagnosis	ICD-9-CM
305.51	Nondependent opioid abuse, continuous	Diagnosis	ICD-9-CM
305.52	Nondependent opioid abuse, episodic	Diagnosis	ICD-9-CM
305.53	Nondependent opioid abuse, in remission	Diagnosis	ICD-9-CM
305.6	Nondependent cocaine abuse	Diagnosis	ICD-9-CM
305.60	Nondependent cocaine abuse, unspecified	Diagnosis	ICD-9-CM
305.61	Nondependent cocaine abuse, continuous	Diagnosis	ICD-9-CM
305.62	Nondependent cocaine abuse, episodic	Diagnosis	ICD-9-CM
305.63	Nondependent cocaine abuse, in remission	Diagnosis	ICD-9-CM
305.7	Nondependent amphetamine or related acting sympathomimetic abuse	Diagnosis	ICD-9-CM
305.70	Nondependent amphetamine or related acting sympathomimetic abuse, unspecified	Diagnosis	ICD-9-CM
305.71	Nondependent amphetamine or related acting sympathomimetic abuse, continuous	Diagnosis	ICD-9-CM
305.72	Nondependent amphetamine or related acting sympathomimetic abuse, episodic	Diagnosis	ICD-9-CM
305.73	Nondependent amphetamine or related acting sympathomimetic abuse, in remission	Diagnosis	ICD-9-CM
305.8	Nondependent antidepressant type abuse	Diagnosis	ICD-9-CM
305.80	Nondependent antidepressant type abuse, unspecified	Diagnosis	ICD-9-CM
305.81	Nondependent antidepressant type abuse, continuous	Diagnosis	ICD-9-CM
305.82	Nondependent antidepressant type abuse, episodic	Diagnosis	ICD-9-CM
305.83	Nondependent antidepressant type abuse, in remission	Diagnosis	ICD-9-CM
305.9	Other, mixed, or unspecified nondependent drug abuse	Diagnosis	ICD-9-CM
305.90	Other, mixed, or unspecified nondependent drug abuse, unspecified	Diagnosis	ICD-9-CM
305.91	Other, mixed, or unspecified nondependent drug abuse, continuous	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
305.92	Other, mixed, or unspecified nondependent drug abuse, episodic	Diagnosis	ICD-9-CM
305.93	Other, mixed, or unspecified nondependent drug abuse, in remission	Diagnosis	ICD-9-CM
306	Physiological malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.0	Musculoskeletal malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.1	Respiratory malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.2	Cardiovascular malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.3	Skin malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.4	Gastrointestinal malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.5	Genitourinary malfunctions arising from mental factors	Diagnosis	ICD-9-CM
306.50	Psychogenic genitourinary malfunction, unspecified	Diagnosis	ICD-9-CM
306.51	Psychogenic vaginismus	Diagnosis	ICD-9-CM
306.52	Psychogenic dysmenorrhea	Diagnosis	ICD-9-CM
306.53	Psychogenic dysuria	Diagnosis	ICD-9-CM
306.59	Other genitourinary malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.6	Endocrine malfunction arising from mental factors	Diagnosis	ICD-9-CM
306.7	Malfunction of organs of special sense arising from mental factors	Diagnosis	ICD-9-CM
306.8	Other specified psychophysiological malfunction	Diagnosis	ICD-9-CM
306.9	Unspecified psychophysiological malfunction	Diagnosis	ICD-9-CM
307	Special symptoms or syndromes, not elsewhere classified	Diagnosis	ICD-9-CM
307.0	Adult onset fluency disorder	Diagnosis	ICD-9-CM
307.1	Anorexia nervosa	Diagnosis	ICD-9-CM
307.2	Tics	Diagnosis	ICD-9-CM
307.20	Tic disorder, unspecified	Diagnosis	ICD-9-CM
307.21	Transient tic disorder	Diagnosis	ICD-9-CM
307.22	Chronic motor or vocal tic disorder	Diagnosis	ICD-9-CM
307.23	Tourette's disorder	Diagnosis	ICD-9-CM
307.3	Stereotypic movement disorder	Diagnosis	ICD-9-CM
307.4	Specific disorders of sleep of nonorganic origin	Diagnosis	ICD-9-CM
307.40	Nonorganic sleep disorder, unspecified	Diagnosis	ICD-9-CM
307.41	Transient disorder of initiating or maintaining sleep	Diagnosis	ICD-9-CM
307.42	Persistent disorder of initiating or maintaining sleep	Diagnosis	ICD-9-CM
307.43	Transient disorder of initiating or maintaining wakefulness	Diagnosis	ICD-9-CM
307.44	Persistent disorder of initiating or maintaining wakefulness	Diagnosis	ICD-9-CM
307.45	Circadian rhythm sleep disorder of nonorganic origin	Diagnosis	ICD-9-CM
307.46	Sleep arousal disorder	Diagnosis	ICD-9-CM
307.47	Other dysfunctions of sleep stages or arousal from sleep	Diagnosis	ICD-9-CM
307.48	Repetitive intrusions of sleep	Diagnosis	ICD-9-CM
307.49	Other specific disorder of sleep of nonorganic origin	Diagnosis	ICD-9-CM
307.5	Other and unspecified disorders of eating	Diagnosis	ICD-9-CM
307.50	Eating disorder, unspecified	Diagnosis	ICD-9-CM
307.51	Bulimia nervosa	Diagnosis	ICD-9-CM
307.52	Pica	Diagnosis	ICD-9-CM
307.53	Rumination disorder	Diagnosis	ICD-9-CM
307.54	Psychogenic vomiting	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
307.59	Other disorder of eating	Diagnosis	ICD-9-CM
307.6	Enuresis	Diagnosis	ICD-9-CM
307.7	Encopresis	Diagnosis	ICD-9-CM
307.8	Pain disorders related to psychological factors	Diagnosis	ICD-9-CM
307.80	Psychogenic pain, site unspecified	Diagnosis	ICD-9-CM
307.81	Tension headache	Diagnosis	ICD-9-CM
307.89	Other pain disorder related to psychological factors	Diagnosis	ICD-9-CM
307.9	Other and unspecified special symptom or syndrome, not elsewhere classified	Diagnosis	ICD-9-CM
308	Acute reaction to stress	Diagnosis	ICD-9-CM
308.0	Predominant disturbance of emotions	Diagnosis	ICD-9-CM
308.1	Predominant disturbance of consciousness as reaction to stress	Diagnosis	ICD-9-CM
308.2	Predominant psychomotor disturbance as reaction to stress	Diagnosis	ICD-9-CM
308.3	Other acute reactions to stress	Diagnosis	ICD-9-CM
308.4	Mixed disorders as reaction to stress	Diagnosis	ICD-9-CM
308.9	Unspecified acute reaction to stress	Diagnosis	ICD-9-CM
309.0	Adjustment disorder with depressed mood	Diagnosis	ICD-9-CM
309.1	Prolonged depressive reaction as adjustment reaction	Diagnosis	ICD-9-CM
309.2	Predominant disturbance of other emotions as adjustment reaction	Diagnosis	ICD-9-CM
309.21	Separation anxiety disorder	Diagnosis	ICD-9-CM
309.22	Emancipation disorder of adolescence and early adult life	Diagnosis	ICD-9-CM
309.23	Specific academic or work inhibition as adjustment reaction	Diagnosis	ICD-9-CM
309.24	Adjustment disorder with anxiety	Diagnosis	ICD-9-CM
309.28	Adjustment disorder with mixed anxiety and depressed mood	Diagnosis	ICD-9-CM
309.29	Other adjustment reaction with predominant disturbance of other emotions	Diagnosis	ICD-9-CM
309.3	Adjustment disorder with disturbance of conduct	Diagnosis	ICD-9-CM
309.4	Adjustment disorder with mixed disturbance of emotions and conduct	Diagnosis	ICD-9-CM
309.8	Other specified adjustment reactions	Diagnosis	ICD-9-CM
309.81	Posttraumatic stress disorder	Diagnosis	ICD-9-CM
309.82	Adjustment reaction with physical symptoms	Diagnosis	ICD-9-CM
309.83	Adjustment reaction with withdrawal	Diagnosis	ICD-9-CM
309.89	Other specified adjustment reaction	Diagnosis	ICD-9-CM
309.9	Unspecified adjustment reaction	Diagnosis	ICD-9-CM
310	Specific nonpsychotic mental disorders due to brain damage	Diagnosis	ICD-9-CM
310.0	Frontal lobe syndrome	Diagnosis	ICD-9-CM
310.1	Personality change due to conditions classified elsewhere	Diagnosis	ICD-9-CM
310.2	Postconcussion syndrome	Diagnosis	ICD-9-CM
310.8	Other specified nonpsychotic mental disorder following organic brain damage	Diagnosis	ICD-9-CM
310.81	Pseudobulbar affect	Diagnosis	ICD-9-CM
310.89	Other specified nonpsychotic mental disorders following organic brain damage	Diagnosis	ICD-9-CM
310.9	Unspecified nonpsychotic mental disorder following organic brain damage	Diagnosis	ICD-9-CM
311	Depressive disorder, not elsewhere classified	Diagnosis	ICD-9-CM
312	Disturbance of conduct, not elsewhere classified	Diagnosis	ICD-9-CM
312.0	Undersocialized conduct disorder, aggressive type	Diagnosis	ICD-9-CM
312.00	Undersocialized conduct disorder, aggressive type, unspecified	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
312.01	Undersocialized conduct disorder, aggressive type, mild	Diagnosis	ICD-9-CM
312.02	Undersocialized conduct disorder, aggressive type, moderate	Diagnosis	ICD-9-CM
312.03	Undersocialized conduct disorder, aggressive type, severe	Diagnosis	ICD-9-CM
312.1	Undersocialized conduct disorder, unaggressive type	Diagnosis	ICD-9-CM
312.10	Undersocialized conduct disorder, unaggressive type, unspecified	Diagnosis	ICD-9-CM
312.11	Undersocialized conduct disorder, unaggressive type, mild	Diagnosis	ICD-9-CM
312.12	Undersocialized conduct disorder, unaggressive type, moderate	Diagnosis	ICD-9-CM
312.13	Undersocialized conduct disorder, unaggressive type, severe	Diagnosis	ICD-9-CM
312.2	Socialized conduct disorder	Diagnosis	ICD-9-CM
312.20	Socialized conduct disorder, unspecified	Diagnosis	ICD-9-CM
312.21	Socialized conduct disorder, mild	Diagnosis	ICD-9-CM
312.22	Socialized conduct disorder, moderate	Diagnosis	ICD-9-CM
312.23	Socialized conduct disorder, severe	Diagnosis	ICD-9-CM
312.3	Disorders of impulse control, not elsewhere classified	Diagnosis	ICD-9-CM
312.30	Impulse control disorder, unspecified	Diagnosis	ICD-9-CM
312.31	Pathological gambling	Diagnosis	ICD-9-CM
312.32	Kleptomania	Diagnosis	ICD-9-CM
312.33	Pyromania	Diagnosis	ICD-9-CM
312.34	Intermittent explosive disorder	Diagnosis	ICD-9-CM
312.35	Isolated explosive disorder	Diagnosis	ICD-9-CM
312.39	Other disorder of impulse control	Diagnosis	ICD-9-CM
312.4	Mixed disturbance of conduct and emotions	Diagnosis	ICD-9-CM
312.8	Other specified disturbances of conduct, not elsewhere classified	Diagnosis	ICD-9-CM
312.81	Conduct disorder, childhood onset type	Diagnosis	ICD-9-CM
312.82	Conduct disorder, adolescent onset type	Diagnosis	ICD-9-CM
312.89	Other specified disturbance of conduct, not elsewhere classified	Diagnosis	ICD-9-CM
312.9	Unspecified disturbance of conduct	Diagnosis	ICD-9-CM
313	Disturbance of emotions specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.0	Overanxious disorder specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.1	Misery and unhappiness disorder specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.2	Sensitivity, shyness, and social withdrawal disorder specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.21	Shyness disorder of childhood	Diagnosis	ICD-9-CM
313.22	Introverted disorder of childhood	Diagnosis	ICD-9-CM
313.23	Selective mutism	Diagnosis	ICD-9-CM
313.3	Relationship problems specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.8	Other or mixed emotional disturbances of childhood or adolescence	Diagnosis	ICD-9-CM
313.81	Oppositional defiant disorder	Diagnosis	ICD-9-CM
313.82	Identity disorder of childhood or adolescence	Diagnosis	ICD-9-CM
313.83	Academic underachievement disorder of childhood or adolescence	Diagnosis	ICD-9-CM
313.89	Other emotional disturbance of childhood or adolescence	Diagnosis	ICD-9-CM
313.9	Unspecified emotional disturbance of childhood or adolescence	Diagnosis	ICD-9-CM
314	Hyperkinetic syndrome of childhood	Diagnosis	ICD-9-CM
314.0	Attention deficit disorder of childhood	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
314.00	Attention deficit disorder of childhood without mention of hyperactivity	Diagnosis	ICD-9-CM
314.01	Attention deficit disorder of childhood with hyperactivity	Diagnosis	ICD-9-CM
314.1	Hyperkinesis of childhood with developmental delay	Diagnosis	ICD-9-CM
314.2	Hyperkinetic conduct disorder of childhood	Diagnosis	ICD-9-CM
314.8	Other specified manifestations of hyperkinetic syndrome of childhood	Diagnosis	ICD-9-CM
314.9	Unspecified hyperkinetic syndrome of childhood	Diagnosis	ICD-9-CM
315	Specific delays in development	Diagnosis	ICD-9-CM
315.0	Specific developmental reading disorder	Diagnosis	ICD-9-CM
315.00	Developmental reading disorder, unspecified	Diagnosis	ICD-9-CM
315.01	Alexia	Diagnosis	ICD-9-CM
315.02	Developmental dyslexia	Diagnosis	ICD-9-CM
315.09	Other specific developmental reading disorder	Diagnosis	ICD-9-CM
315.1	Mathematics disorder	Diagnosis	ICD-9-CM
315.2	Other specific developmental learning difficulties	Diagnosis	ICD-9-CM
315.3	Developmental speech or language disorder	Diagnosis	ICD-9-CM
315.31	Expressive language disorder	Diagnosis	ICD-9-CM
315.32	Mixed receptive-expressive language disorder	Diagnosis	ICD-9-CM
315.34	Speech and language developmental delay due to hearing loss	Diagnosis	ICD-9-CM
315.35	Childhood onset fluency disorder	Diagnosis	ICD-9-CM
315.39	Other developmental speech or language disorder	Diagnosis	ICD-9-CM
315.4	Developmental coordination disorder	Diagnosis	ICD-9-CM
315.5	Mixed development disorder	Diagnosis	ICD-9-CM
315.8	Other specified delay in development	Diagnosis	ICD-9-CM
315.9	Unspecified delay in development	Diagnosis	ICD-9-CM
316	Psychic factors associated with diseases classified elsewhere	Diagnosis	ICD-9-CM
317	Mild intellectual disabilities	Diagnosis	ICD-9-CM
318.0	Moderate intellectual disabilities	Diagnosis	ICD-9-CM
318.1	Severe intellectual disabilities	Diagnosis	ICD-9-CM
318.2	Profound intellectual disabilities	Diagnosis	ICD-9-CM
319	Unspecified intellectual disabilities	Diagnosis	ICD-9-CM
327	Organic sleep disorders	Diagnosis	ICD-9-CM
327.0	Organic disorders of initiating and maintaining sleep [Organic insomnia]	Diagnosis	ICD-9-CM
327.00	Organic insomnia, unspecified	Diagnosis	ICD-9-CM
327.01	Insomnia due to medical condition classified elsewhere	Diagnosis	ICD-9-CM
327.02	Insomnia due to mental disorder	Diagnosis	ICD-9-CM
327.09	Other organic insomnia	Diagnosis	ICD-9-CM
327.1	Organic disorders of excessive somnolence [Organic hypersomnia]	Diagnosis	ICD-9-CM
327.10	Organic hypersomnia, unspecified	Diagnosis	ICD-9-CM
327.11	Idiopathic hypersomnia with long sleep time	Diagnosis	ICD-9-CM
327.12	Idiopathic hypersomnia without long sleep time	Diagnosis	ICD-9-CM
327.13	Recurrent hypersomnia	Diagnosis	ICD-9-CM
327.14	Hypersomnia due to medical condition classified elsewhere	Diagnosis	ICD-9-CM
327.15	Hypersomnia due to mental disorder	Diagnosis	ICD-9-CM
327.19	Other organic hypersomnia	Diagnosis	ICD-9-CM



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

Code	Description	Code Category	Code Type
327.2	Organic sleep apnea	Diagnosis	ICD-9-CM
327.20	Organic sleep apnea, unspecified	Diagnosis	ICD-9-CM
327.21	Primary central sleep apnea	Diagnosis	ICD-9-CM
327.23	Obstructive sleep apnea (adult) (pediatric)	Diagnosis	ICD-9-CM
327.24	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-9-CM
327.25	Congenital central alveolar hypoventilation syndrome	Diagnosis	ICD-9-CM
327.26	Sleep related hypoventilation/hypoxemia in conditions classifiable elsewhere	Diagnosis	ICD-9-CM
327.27	Central sleep apnea in conditions classified elsewhere	Diagnosis	ICD-9-CM
327.29	Other organic sleep apnea	Diagnosis	ICD-9-CM
327.3	Circadian rhythm sleep disorder	Diagnosis	ICD-9-CM
327.30	Circadian rhythm sleep disorder, unspecified	Diagnosis	ICD-9-CM
327.31	Circadian rhythm sleep disorder, delayed sleep phase type	Diagnosis	ICD-9-CM
327.32	Circadian rhythm sleep disorder, advanced sleep phase type	Diagnosis	ICD-9-CM
327.33	Circadian rhythm sleep disorder, irregular sleep-wake type	Diagnosis	ICD-9-CM
327.34	Circadian rhythm sleep disorder, free-running type	Diagnosis	ICD-9-CM
327.35	Circadian rhythm sleep disorder, jet lag type	Diagnosis	ICD-9-CM
327.36	Circadian rhythm sleep disorder, shift work type	Diagnosis	ICD-9-CM
327.37	Circadian rhythm sleep disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
327.39	Other circadian rhythm sleep disorder	Diagnosis	ICD-9-CM
327.4	Organic parasomnia	Diagnosis	ICD-9-CM
327.40	Organic parasomnia, unspecified	Diagnosis	ICD-9-CM
327.41	Confusional arousals	Diagnosis	ICD-9-CM
327.42	REM sleep behavior disorder	Diagnosis	ICD-9-CM
327.43	Recurrent isolated sleep paralysis	Diagnosis	ICD-9-CM
327.44	Parasomnia in conditions classified elsewhere	Diagnosis	ICD-9-CM
327.49	Other organic parasomnia	Diagnosis	ICD-9-CM
327.5	Organic sleep related movement disorders	Diagnosis	ICD-9-CM
327.51	Periodic limb movement disorder	Diagnosis	ICD-9-CM
327.52	Sleep related leg cramps	Diagnosis	ICD-9-CM
327.53	Sleep related bruxism	Diagnosis	ICD-9-CM
327.59	Other organic sleep related movement disorders	Diagnosis	ICD-9-CM
327.8	Other organic sleep disorders	Diagnosis	ICD-9-CM
330	Cerebral degenerations usually manifest in childhood	Diagnosis	ICD-9-CM
330.0	Leukodystrophy	Diagnosis	ICD-9-CM
330.1	Cerebral lipidoses	Diagnosis	ICD-9-CM
330.2	Cerebral degeneration in generalized lipidoses	Diagnosis	ICD-9-CM
330.3	Cerebral degeneration of childhood in other diseases classified elsewhere	Diagnosis	ICD-9-CM
330.8	Other specified cerebral degenerations in childhood	Diagnosis	ICD-9-CM
330.9	Unspecified cerebral degeneration in childhood	Diagnosis	ICD-9-CM
331	Other cerebral degenerations	Diagnosis	ICD-9-CM
331.0	Alzheimer's disease	Diagnosis	ICD-9-CM
331.1	Frontotemporal dementia	Diagnosis	ICD-9-CM
331.11	Pick's disease	Diagnosis	ICD-9-CM
331.19	Other frontotemporal dementia	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
331.2	Senile degeneration of brain	Diagnosis	ICD-9-CM
331.3	Communicating hydrocephalus	Diagnosis	ICD-9-CM
331.4	Obstructive hydrocephalus	Diagnosis	ICD-9-CM
331.5	Idiopathic normal pressure hydrocephalus [INPH]	Diagnosis	ICD-9-CM
331.6	Corticobasal degeneration	Diagnosis	ICD-9-CM
331.7	Cerebral degeneration in diseases classified elsewhere	Diagnosis	ICD-9-CM
331.8	Other cerebral degeneration	Diagnosis	ICD-9-CM
331.81	Reye's syndrome	Diagnosis	ICD-9-CM
331.82	Dementia with Lewy bodies	Diagnosis	ICD-9-CM
331.83	Mild cognitive impairment, so stated	Diagnosis	ICD-9-CM
331.89	Other cerebral degeneration	Diagnosis	ICD-9-CM
331.9	Unspecified cerebral degeneration	Diagnosis	ICD-9-CM
333.99	Other extrapyramidal disease and abnormal movement disorder	Diagnosis	ICD-9-CM
347	Cataplexy and narcolepsy	Diagnosis	ICD-9-CM
347.0	Narcolepsy	Diagnosis	ICD-9-CM
347.00	Narcolepsy, without cataplexy	Diagnosis	ICD-9-CM
347.01	Narcolepsy, with cataplexy	Diagnosis	ICD-9-CM
347.1	Narcolepsy in conditions classified elsewhere	Diagnosis	ICD-9-CM
347.10	Narcolepsy in conditions classified elsewhere, without cataplexy	Diagnosis	ICD-9-CM
347.11	Narcolepsy in conditions classified elsewhere, with cataplexy	Diagnosis	ICD-9-CM
348.3	Encephalopathy, not elsewhere classified	Diagnosis	ICD-9-CM
348.30	Encephalopathy, unspecified	Diagnosis	ICD-9-CM
348.31	Metabolic encephalopathy	Diagnosis	ICD-9-CM
348.39	Other encephalopathy	Diagnosis	ICD-9-CM
357.5	Alcoholic polyneuropathy	Diagnosis	ICD-9-CM
425.5	Alcoholic cardiomyopathy	Diagnosis	ICD-9-CM
4320F	Patient counseled regarding psychosocial and pharmacologic treatment options for alcohol dependence (SUD)	Procedure	CPT-2
535.3	Alcoholic gastritis	Diagnosis	ICD-9-CM
535.30	Alcoholic gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.31	Alcoholic gastritis with hemorrhage	Diagnosis	ICD-9-CM
571.0	Alcoholic fatty liver	Diagnosis	ICD-9-CM
571.1	Acute alcoholic hepatitis	Diagnosis	ICD-9-CM
571.2	Alcoholic cirrhosis of liver	Diagnosis	ICD-9-CM
571.3	Unspecified alcoholic liver damage	Diagnosis	ICD-9-CM
61885	Insertion or replacement of cranial neurostimulator pulse generator or receiver, direct or inductive coupling; with connection to a single electrode	Procedure	CPT-4
61886	Insertion or replacement of cranial neurostimulator pulse generator or receiver, direct or inductive coupling; with connection to 2 or more electrode	Procedure	CPT-4
61888	Revision or removal of cranial neurostimulator pulse generator or receiver	Procedure	CPT-4
625.4	Premenstrual tension syndromes	Diagnosis	ICD-9-CM
64553	Percutaneous implantation of neurostimulator electrode array; cranial nerve	Procedure	CPT-4
64568	Open implantation of cranial nerve (eg, vagus nerve) neurostimulator electrode array and pulse generator	Procedure	CPT-4

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

Code	Description	Code Category	Code Type
64569	Revision or replacement of cranial nerve (eg, vagus nerve) neurostimulator electrode array, including connection to existing pulse generator	Procedure	CPT-4
64570	Removal of cranial nerve (eg, vagus nerve) neurostimulator electrode array and pulse generator	Procedure	CPT-4
64585	Revision or removal of peripheral neurostimulator electrode array	Procedure	CPT-4
648.30	Maternal drug dependence complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	Diagnosis	ICD-9-CM
648.31	Maternal drug dependence, with delivery	Diagnosis	ICD-9-CM
648.32	Maternal drug dependence, with delivery, with current postpartum complication	Diagnosis	ICD-9-CM
648.33	Maternal drug dependence, antepartum	Diagnosis	ICD-9-CM
648.34	Maternal drug dependence complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	Diagnosis	ICD-9-CM
648.40	Maternal mental disorders, complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	Diagnosis	ICD-9-CM
648.41	Maternal mental disorders, with delivery	Diagnosis	ICD-9-CM
648.42	Maternal mental disorders, with delivery, with current postpartum complication	Diagnosis	ICD-9-CM
648.43	Maternal mental disorders, antepartum	Diagnosis	ICD-9-CM
648.44	Maternal mental disorders complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	Diagnosis	ICD-9-CM
655.50	Suspected damage to fetus from drugs, affecting management of mother, unspecified as to episode of care	Diagnosis	ICD-9-CM
655.51	Suspected damage to fetus from drugs, affecting management of mother, delivered	Diagnosis	ICD-9-CM
655.53	Suspected damage to fetus from drugs, affecting management of mother, antepartum	Diagnosis	ICD-9-CM
760.71	Noxious influences affecting fetus or newborn via placenta or breast milk, alcohol	Diagnosis	ICD-9-CM
760.72	Noxious influences affecting fetus or newborn via placenta or breast milk, narcotics	Diagnosis	ICD-9-CM
760.73	Noxious influences affecting fetus or newborn via placenta or breast milk, hallucinogenic agents	Diagnosis	ICD-9-CM
760.75	Noxious influences affecting fetus or newborn via placenta or breast milk, cocaine	Diagnosis	ICD-9-CM
779.5	Drug withdrawal syndrome in newborn	Diagnosis	ICD-9-CM
780.1	Hallucinations	Diagnosis	ICD-9-CM
780.5	Sleep disturbances	Diagnosis	ICD-9-CM
780.50	Unspecified sleep disturbance	Diagnosis	ICD-9-CM
780.51	Insomnia with sleep apnea, unspecified	Diagnosis	ICD-9-CM
780.52	Insomnia, unspecified	Diagnosis	ICD-9-CM
780.53	Hypersomnia with sleep apnea, unspecified	Diagnosis	ICD-9-CM
780.54	Hypersomnia, unspecified	Diagnosis	ICD-9-CM
780.55	Disruption of 24 hour sleep wake cycle, unspecified	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
780.56	Dysfunctions associated with sleep stages or arousal from sleep	Diagnosis	ICD-9-CM
780.57	Unspecified sleep apnea	Diagnosis	ICD-9-CM
780.58	Sleep related movement disorder, unspecified	Diagnosis	ICD-9-CM
780.59	Other sleep disturbances	Diagnosis	ICD-9-CM
881	Open wound of elbow, forearm, and wrist	Diagnosis	ICD-9-CM
8E0ZXY5	Meditation	Procedure	ICD-10-PCS
90810	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 20 to 30 minutes face-to-face with the patient;	Procedure	CPT-4
90811	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 20 to 30 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90812	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 45 to 50 minutes face-to-face with the patient;	Procedure	CPT-4
90813	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 45 to 50 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90814	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 75 to 80 minutes face-to-face with the patient;	Procedure	CPT-4
90815	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 75 to 80 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90823	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 20 to 30 minutes face-to-face with the patient;	Procedure	CPT-4
90824	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 20 to 30 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90826	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 45 to 50 minutes face-to-face with the patient;	Procedure	CPT-4

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

Code	Description	Code Category	Code Type
90827	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 45 to 50 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90828	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 75 to 80 minutes face-to-face with the patient;	Procedure	CPT-4
90829	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 75 to 80 minutes face-to-face with the patient; with medical evaluation and management services	Procedure	CPT-4
90832	Psychotherapy, 30 minutes with patient	Procedure	CPT-4
90833	Psychotherapy, 30 minutes with patient when performed with an evaluation and management service (List separately in addition to the code for primary procedure)	Procedure	CPT-4
90834	Psychotherapy, 45 minutes with patient	Procedure	CPT-4
90836	Psychotherapy, 45 minutes with patient when performed with an evaluation and management service (List separately in addition to the code for primary procedure)	Procedure	CPT-4
90837	Psychotherapy, 60 minutes with patient	Procedure	CPT-4
90838	Psychotherapy, 60 minutes with patient when performed with an evaluation and management service (List separately in addition to the code for primary procedure)	Procedure	CPT-4
90839	Psychotherapy for crisis; first 60 minutes	Procedure	CPT-4
90840	Psychotherapy for crisis; each additional 30 minutes (List separately in addition to code for primary service)	Procedure	CPT-4
90845	Psychoanalysis	Procedure	CPT-4
90853	Group psychotherapy (other than of a multiple-family group)	Procedure	CPT-4
90857	Interactive group psychotherapy	Procedure	CPT-4
90867	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; initial, including cortical mapping, motor threshold determination, delivery and management	Procedure	CPT-4
90868	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; subsequent delivery and management, per session	Procedure	CPT-4
90869	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; subsequent motor threshold re-determination with delivery and management	Procedure	CPT-4
90870	Electroconvulsive therapy (includes necessary monitoring)	Procedure	CPT-4
90871	Electroconvulsive therapy (includes necessary monitoring); multiple seizures, per day	Procedure	CPT-4
94.31	Psychoanalysis	Procedure	ICD-9-CM
94.32	Hypnotherapy	Procedure	ICD-9-CM

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Code	Description	Code Category	Code Type
94.33	Behavior therapy	Procedure	ICD-9-CM
94.35	Crisis intervention	Procedure	ICD-9-CM
94.36	Play psychotherapy	Procedure	ICD-9-CM
94.37	Exploratory verbal psychotherapy	Procedure	ICD-9-CM
94.38	Supportive verbal psychotherapy	Procedure	ICD-9-CM
94.39	Other individual psychotherapy	Procedure	ICD-9-CM
94.43	Psychodrama	Procedure	ICD-9-CM
94.44	Other group therapy	Procedure	ICD-9-CM
94.46	Alcoholism counseling	Procedure	ICD-9-CM
94.53	Referral for alcoholism rehabilitation	Procedure	ICD-9-CM
94.6	Alcohol and drug rehabilitation and detoxification	Procedure	ICD-9-CM
94.61	Alcohol rehabilitation	Procedure	ICD-9-CM
94.62	Alcohol detoxification	Procedure	ICD-9-CM
94.63	Alcohol rehabilitation and detoxification	Procedure	ICD-9-CM
94.67	Combined alcohol and drug rehabilitation	Procedure	ICD-9-CM
94.68	Combined alcohol and drug detoxification	Procedure	ICD-9-CM
94.69	Combined alcohol and drug rehabilitation and detoxification	Procedure	ICD-9-CM
95970	Electronic analysis of implanted neurostimulator pulse generator/transmitter (eg, contact group[s], interleaving, amplitude, pulse width, frequency [Hz], on/off cycling, burst, magnet mode, dose lockout, patient selectable parameters, responsive neurostimulation, detection algorithms, closed loop parameters, and passive parameters) by physician or other qualified health care professional; with brain, cranial nerve, spinal cord, peripheral nerve, or sacral nerve, neurostimulator pulse generator/transmitter, without	Procedure	CPT-4
95971	Electronic analysis of implanted neurostimulator pulse generator/transmitter (eg, contact group[s], interleaving, amplitude, pulse width, frequency [Hz], on/off cycling, burst, magnet mode, dose lockout, patient selectable parameters, responsive neurostimulation, detection algorithms, closed loop parameters, and passive parameters) by physician or other qualified health care professional; with simple spinal cord or peripheral nerve (eg, sacral nerve) neurostimulator pulse generator/transmitter programming by physician or other qualified health care professional	Procedure	CPT-4
95974	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude, pulse duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements); complex cranial nerve neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming, with or without nerve interface testing, first hour	Procedure	CPT-4

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Code	Description	Code Category	Code Type
95975	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude, pulse duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements); complex cranial nerve neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming, each additional 30 minutes after first hour (List separately in addition to code for primary procedure)	Procedure	CPT-4
960	Poisoning by antibiotics	Diagnosis	ICD-9-CM
960.0	Poisoning by penicillins	Diagnosis	ICD-9-CM
960.1	Poisoning by antifungal antibiotics	Diagnosis	ICD-9-CM
960.2	Poisoning by chloramphenicol group	Diagnosis	ICD-9-CM
960.3	Poisoning by erythromycin and other macrolides	Diagnosis	ICD-9-CM
960.4	Poisoning by tetracycline group	Diagnosis	ICD-9-CM
960.5	Poisoning of cephalosporin group	Diagnosis	ICD-9-CM
960.6	Poisoning of antimycobacterial antibiotics	Diagnosis	ICD-9-CM
960.7	Poisoning by antineoplastic antibiotics	Diagnosis	ICD-9-CM
960.8	Poisoning by other specified antibiotics	Diagnosis	ICD-9-CM
960.9	Poisoning by unspecified antibiotic	Diagnosis	ICD-9-CM
961	Poisoning by other anti-infectives	Diagnosis	ICD-9-CM
961.0	Poisoning by sulfonamides	Diagnosis	ICD-9-CM
961.1	Poisoning by arsenical anti-infectives	Diagnosis	ICD-9-CM
961.2	Poisoning by heavy metal anti-infectives	Diagnosis	ICD-9-CM
961.3	Poisoning by quinoline and hydroxyquinoline derivatives	Diagnosis	ICD-9-CM
961.4	Poisoning by antimalarials and drugs acting on other blood protozoa	Diagnosis	ICD-9-CM
961.5	Poisoning by other antiprotozoal drugs	Diagnosis	ICD-9-CM
961.6	Poisoning by anthelmintics	Diagnosis	ICD-9-CM
961.7	Poisoning by antiviral drugs	Diagnosis	ICD-9-CM
961.8	Poisoning by other antimycobacterial drugs	Diagnosis	ICD-9-CM
961.9	Poisoning by other and unspecified anti-infectives	Diagnosis	ICD-9-CM
962	Poisoning by hormones and synthetic substitutes	Diagnosis	ICD-9-CM
962.0	Poisoning by adrenal cortical steroids	Diagnosis	ICD-9-CM
962.1	Poisoning by androgens and anabolic congeners	Diagnosis	ICD-9-CM
962.2	Poisoning by ovarian hormones and synthetic substitutes	Diagnosis	ICD-9-CM
962.3	Poisoning by insulins and antidiabetic agents	Diagnosis	ICD-9-CM
962.4	Poisoning by anterior pituitary hormones	Diagnosis	ICD-9-CM
962.5	Poisoning by posterior pituitary hormones	Diagnosis	ICD-9-CM
962.6	Poisoning by parathyroid and parathyroid derivatives	Diagnosis	ICD-9-CM
962.7	Poisoning by thyroid and thyroid derivatives	Diagnosis	ICD-9-CM
962.8	Poisoning by antithyroid agents	Diagnosis	ICD-9-CM
962.9	Poisoning by other and unspecified hormones and synthetic substitutes	Diagnosis	ICD-9-CM
963	Poisoning by primarily systemic agents	Diagnosis	ICD-9-CM
963.0	Poisoning by antiallergic and antiemetic drugs	Diagnosis	ICD-9-CM
963.1	Poisoning by antineoplastic and immunosuppressive drugs	Diagnosis	ICD-9-CM
963.2	Poisoning by acidifying agents	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
963.3	Poisoning by alkalizing agents	Diagnosis	ICD-9-CM
963.4	Poisoning by enzymes, not elsewhere classified	Diagnosis	ICD-9-CM
963.5	Poisoning by vitamins, not elsewhere classified	Diagnosis	ICD-9-CM
963.8	Poisoning by other specified systemic agents	Diagnosis	ICD-9-CM
963.9	Poisoning by unspecified systemic agent	Diagnosis	ICD-9-CM
964	Poisoning by agents primarily affecting blood constituents	Diagnosis	ICD-9-CM
964.0	Poisoning by iron and its compounds	Diagnosis	ICD-9-CM
964.1	Poisoning by liver preparations and other antianemic agents	Diagnosis	ICD-9-CM
964.2	Poisoning by anticoagulants	Diagnosis	ICD-9-CM
964.3	Poisoning by vitamin K (phytonadione)	Diagnosis	ICD-9-CM
964.4	Poisoning by fibrinolysis-affecting drugs	Diagnosis	ICD-9-CM
964.5	Poisoning by anticoagulant antagonists and other coagulants	Diagnosis	ICD-9-CM
964.6	Poisoning by gamma globulin	Diagnosis	ICD-9-CM
964.7	Poisoning by natural blood and blood products	Diagnosis	ICD-9-CM
964.8	Poisoning by other specified agents affecting blood constituents	Diagnosis	ICD-9-CM
964.9	Poisoning by unspecified agent affecting blood constituents	Diagnosis	ICD-9-CM
965	Poisoning by analgesics, antipyretics, and antirheumatics	Diagnosis	ICD-9-CM
965.0	Poisoning by opiates and related narcotics	Diagnosis	ICD-9-CM
965.00	Poisoning by opium (alkaloids), unspecified	Diagnosis	ICD-9-CM
965.01	Poisoning by heroin	Diagnosis	ICD-9-CM
965.02	Poisoning by methadone	Diagnosis	ICD-9-CM
965.09	Poisoning by opiates and related narcotics, other	Diagnosis	ICD-9-CM
965.1	Poisoning by salicylates	Diagnosis	ICD-9-CM
965.4	Poisoning by aromatic analgesics, not elsewhere classified	Diagnosis	ICD-9-CM
965.5	Poisoning by pyrazole derivatives	Diagnosis	ICD-9-CM
965.6	Poisoning by antirheumatics (antiphlogistics)	Diagnosis	ICD-9-CM
965.61	Poisoning by propionic acid derivatives	Diagnosis	ICD-9-CM
965.69	Poisoning by other antirheumatics	Diagnosis	ICD-9-CM
965.7	Poisoning by other non-narcotic analgesics	Diagnosis	ICD-9-CM
965.8	Poisoning by other specified analgesics and antipyretics	Diagnosis	ICD-9-CM
965.9	Poisoning by unspecified analgesic and antipyretic	Diagnosis	ICD-9-CM
966	Poisoning by anticonvulsants and anti-Parkinsonism drugs	Diagnosis	ICD-9-CM
966.0	Poisoning by oxazolidine derivatives	Diagnosis	ICD-9-CM
966.1	Poisoning by hydantoin derivatives	Diagnosis	ICD-9-CM
966.2	Poisoning by succinimides	Diagnosis	ICD-9-CM
966.3	Poisoning by other and unspecified anticonvulsants	Diagnosis	ICD-9-CM
966.4	Poisoning by anti-Parkinsonism drugs	Diagnosis	ICD-9-CM
967	Poisoning by sedatives and hypnotics	Diagnosis	ICD-9-CM
967.0	Poisoning by barbiturates	Diagnosis	ICD-9-CM
967.1	Poisoning by chloral hydrate group	Diagnosis	ICD-9-CM
967.2	Poisoning by paraldehyde	Diagnosis	ICD-9-CM
967.3	Poisoning by bromine compounds	Diagnosis	ICD-9-CM
967.4	Poisoning by methaqualone compounds	Diagnosis	ICD-9-CM
967.5	Poisoning by glutethimide group	Diagnosis	ICD-9-CM



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

Code	Description	Code Category	Code Type
967.6	Poisoning by mixed sedatives, not elsewhere classified	Diagnosis	ICD-9-CM
967.8	Poisoning by other sedatives and hypnotics	Diagnosis	ICD-9-CM
967.9	Poisoning by unspecified sedative or hypnotic	Diagnosis	ICD-9-CM
968	Poisoning by other central nervous system depressants and anesthetics	Diagnosis	ICD-9-CM
968.0	Poisoning by central nervous system muscle-tone depressants	Diagnosis	ICD-9-CM
968.1	Poisoning by halothane	Diagnosis	ICD-9-CM
968.2	Poisoning by other gaseous anesthetics	Diagnosis	ICD-9-CM
968.3	Poisoning by intravenous anesthetics	Diagnosis	ICD-9-CM
968.4	Poisoning by other and unspecified general anesthetics	Diagnosis	ICD-9-CM
968.5	Poisoning by other central nervous system depressants and anesthetics, Surface (topical) and infiltration anesthetics	Diagnosis	ICD-9-CM
968.6	Poisoning by peripheral nerve- and plexus-blocking anesthetics	Diagnosis	ICD-9-CM
968.7	Poisoning by spinal anesthetics	Diagnosis	ICD-9-CM
968.9	Poisoning by other and unspecified local anesthetics	Diagnosis	ICD-9-CM
969	Poisoning by psychotropic agents	Diagnosis	ICD-9-CM
969.0	Poisoning by antidepressants	Diagnosis	ICD-9-CM
969.00	Poisoning by antidepressant, unspecified	Diagnosis	ICD-9-CM
969.01	Poisoning by monoamine oxidase inhibitors	Diagnosis	ICD-9-CM
969.02	Poisoning by selective serotonin and norepinephrine reuptake inhibitors	Diagnosis	ICD-9-CM
969.03	Poisoning by selective serotonin reuptake inhibitors	Diagnosis	ICD-9-CM
969.04	Poisoning by tetracyclic antidepressants	Diagnosis	ICD-9-CM
969.05	Poisoning by tricyclic antidepressants	Diagnosis	ICD-9-CM
969.09	Poisoning by other antidepressants	Diagnosis	ICD-9-CM
969.1	Poisoning by phenothiazine-based tranquilizers	Diagnosis	ICD-9-CM
969.2	Poisoning by butyrophenone-based tranquilizers	Diagnosis	ICD-9-CM
969.3	Poisoning by other antipsychotics, neuroleptics, and major tranquilizers	Diagnosis	ICD-9-CM
969.4	Poisoning by benzodiazepine-based tranquilizers	Diagnosis	ICD-9-CM
969.5	Poisoning by other tranquilizers	Diagnosis	ICD-9-CM
969.6	Poisoning by psychodysleptics (hallucinogens)	Diagnosis	ICD-9-CM
969.7	Poisoning by psychostimulants	Diagnosis	ICD-9-CM
969.70	Poisoning by psychostimulant, unspecified	Diagnosis	ICD-9-CM
969.71	Poisoning by caffeine	Diagnosis	ICD-9-CM
969.72	Poisoning by amphetamines	Diagnosis	ICD-9-CM
969.73	Poisoning by methylphenidate	Diagnosis	ICD-9-CM
969.79	Poisoning by other psychostimulants	Diagnosis	ICD-9-CM
969.8	Poisoning by other specified psychotropic agents	Diagnosis	ICD-9-CM
969.9	Poisoning by unspecified psychotropic agent	Diagnosis	ICD-9-CM
980	Toxic effect of alcohol	Diagnosis	ICD-9-CM
980.0	Toxic effect of ethyl alcohol	Diagnosis	ICD-9-CM
980.1	Toxic effect of methyl alcohol	Diagnosis	ICD-9-CM
980.2	Toxic effect of isopropyl alcohol	Diagnosis	ICD-9-CM
980.3	Toxic effect of fusel oil	Diagnosis	ICD-9-CM
980.8	Toxic effect of other specified alcohols	Diagnosis	ICD-9-CM
980.9	Toxic effect of unspecified alcohol	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
981	Toxic effect of petroleum products	Diagnosis	ICD-9-CM
982	Toxic effect of solvents other than petroleum-based	Diagnosis	ICD-9-CM
982.0	Toxic effect of benzene and homologues	Diagnosis	ICD-9-CM
982.1	Toxic effect of carbon tetrachloride	Diagnosis	ICD-9-CM
982.2	Toxic effect of carbon disulfide	Diagnosis	ICD-9-CM
982.3	Toxic effect of other chlorinated hydrocarbon solvents	Diagnosis	ICD-9-CM
982.4	Toxic effect of nitroglycol	Diagnosis	ICD-9-CM
982.8	Toxic effect of other nonpetroleum-based solvents	Diagnosis	ICD-9-CM
983	Toxic effect of corrosive aromatics, acids, and caustic alkalis	Diagnosis	ICD-9-CM
983.0	Toxic effect of corrosive aromatics	Diagnosis	ICD-9-CM
983.1	Toxic effect of acids	Diagnosis	ICD-9-CM
983.2	Toxic effect of caustic alkalis	Diagnosis	ICD-9-CM
983.9	Toxic effect of caustic, unspecified	Diagnosis	ICD-9-CM
984	Toxic effect of lead and its compounds (including fumes)	Diagnosis	ICD-9-CM
984.0	Toxic effect of inorganic lead compounds	Diagnosis	ICD-9-CM
984.1	Toxic effect of organic lead compounds	Diagnosis	ICD-9-CM
984.8	Toxic effect of other lead compounds	Diagnosis	ICD-9-CM
984.9	Toxic effect of unspecified lead compound	Diagnosis	ICD-9-CM
985	Toxic effect of other metals	Diagnosis	ICD-9-CM
985.0	Toxic effect of mercury and its compounds	Diagnosis	ICD-9-CM
985.1	Toxic effect of arsenic and its compounds	Diagnosis	ICD-9-CM
985.2	Toxic effect of manganese and its compounds	Diagnosis	ICD-9-CM
985.3	Toxic effect of beryllium and its compounds	Diagnosis	ICD-9-CM
985.4	Toxic effect of antimony and its compounds	Diagnosis	ICD-9-CM
985.5	Toxic effect of cadmium and its compounds	Diagnosis	ICD-9-CM
985.6	Toxic effect of chromium	Diagnosis	ICD-9-CM
985.8	Toxic effect of other specified metals	Diagnosis	ICD-9-CM
985.9	Toxic effect of unspecified metal	Diagnosis	ICD-9-CM
986	Toxic effect of carbon monoxide	Diagnosis	ICD-9-CM
987	Toxic effect of other gases, fumes, or vapors	Diagnosis	ICD-9-CM
987.0	Toxic effect of liquefied petroleum gases	Diagnosis	ICD-9-CM
987.1	Toxic effect of other hydrocarbon gas	Diagnosis	ICD-9-CM
987.2	Toxic effect of nitrogen oxides	Diagnosis	ICD-9-CM
987.3	Toxic effect of sulfur dioxide	Diagnosis	ICD-9-CM
987.4	Toxic effect of freon	Diagnosis	ICD-9-CM
987.5	Toxic effect of lacrimogenic gas	Diagnosis	ICD-9-CM
987.6	Toxic effect of chlorine gas	Diagnosis	ICD-9-CM
987.7	Toxic effect of hydrocyanic acid gas	Diagnosis	ICD-9-CM
987.8	Toxic effect of other specified gases, fumes, or vapors	Diagnosis	ICD-9-CM
987.9	Toxic effect of unspecified gas, fume, or vapor	Diagnosis	ICD-9-CM
988	Toxic effect of noxious substances eaten as food	Diagnosis	ICD-9-CM
988.0	Toxic effect of fish and shellfish	Diagnosis	ICD-9-CM
988.1	Toxic effect of mushrooms	Diagnosis	ICD-9-CM
988.2	Toxic effect of berries and other plants	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
988.8	Toxic effect of other specified noxious substances	Diagnosis	ICD-9-CM
988.9	Toxic effect of unspecified noxious substance	Diagnosis	ICD-9-CM
989	Toxic effect of other substances, chiefly nonmedicinal as to source	Diagnosis	ICD-9-CM
989.0	Toxic effect of hydrocyanic acid and cyanides	Diagnosis	ICD-9-CM
989.1	Toxic effect of strychnine and salts	Diagnosis	ICD-9-CM
989.2	Toxic effect of chlorinated hydrocarbons	Diagnosis	ICD-9-CM
989.3	Toxic effect of organophosphate and carbamate	Diagnosis	ICD-9-CM
989.4	Toxic effect of other pesticides, not elsewhere classified	Diagnosis	ICD-9-CM
989.5	Toxic effect of venom	Diagnosis	ICD-9-CM
989.6	Toxic effect of soaps and detergents	Diagnosis	ICD-9-CM
989.7	Toxic effect of aflatoxin and other mycotoxin (food contaminants)	Diagnosis	ICD-9-CM
989.8	Toxic effect of other substances, chiefly nonmedicinal as to source	Diagnosis	ICD-9-CM
989.81	Toxic effect of asbestos	Diagnosis	ICD-9-CM
989.82	Toxic effect of latex	Diagnosis	ICD-9-CM
989.83	Toxic effect of silicone	Diagnosis	ICD-9-CM
989.84	Toxic effect of tobacco	Diagnosis	ICD-9-CM
989.89	Toxic effect of other substances	Diagnosis	ICD-9-CM
989.9	Toxic effect of unspecified substance, chiefly nonmedicinal as to source	Diagnosis	ICD-9-CM
994.7	Asphyxiation and strangulation	Diagnosis	ICD-9-CM
E75.00	GM2 gangliosidosis, unspecified	Diagnosis	ICD-10-CM
E75.01	Sandhoff disease	Diagnosis	ICD-10-CM
E75.02	Tay-Sachs disease	Diagnosis	ICD-10-CM
E75.09	Other GM2 gangliosidosis	Diagnosis	ICD-10-CM
E75.10	Unspecified gangliosidosis	Diagnosis	ICD-10-CM
E75.11	Mucopolipidosis IV	Diagnosis	ICD-10-CM
E75.19	Other gangliosidosis	Diagnosis	ICD-10-CM
E75.23	Krabbe disease	Diagnosis	ICD-10-CM
E75.25	Metachromatic leukodystrophy	Diagnosis	ICD-10-CM
E75.29	Other sphingolipidosis	Diagnosis	ICD-10-CM
E75.4	Neuronal ceroid lipofuscinosis	Diagnosis	ICD-10-CM
E950.0	Suicide and self-inflicted poisoning by analgesics, antipyretics, and antirheumatics	Diagnosis	ICD-9-CM
E950.1	Suicide and self-inflicted poisoning by barbiturates	Diagnosis	ICD-9-CM
E950.2	Suicide and self-inflicted poisoning by other sedatives and hypnotics	Diagnosis	ICD-9-CM
E950.3	Suicide and self-inflicted poisoning by tranquilizers and other psychotropic agents	Diagnosis	ICD-9-CM
E950.4	Suicide and self-inflicted poisoning by other specified drugs and medicinal substances	Diagnosis	ICD-9-CM
E950.5	Suicide and self-inflicted poisoning by unspecified drug or medicinal substance	Diagnosis	ICD-9-CM
E950.6	Suicide and self-inflicted poisoning by agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers	Diagnosis	ICD-9-CM
E950.7	Suicide and self-inflicted poisoning by corrosive and caustic substances	Diagnosis	ICD-9-CM
E950.8	Suicide and self-inflicted poisoning by arsenic and its compounds	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
E950.9	Suicide and self-inflicted poisoning by other and unspecified solid and liquid substances	Diagnosis	ICD-9-CM
E951.0	Suicide and self-inflicted poisoning by gas distributed by pipeline	Diagnosis	ICD-9-CM
E951.1	Suicide and self-inflicted poisoning by liquefied petroleum gas distributed in mobile containers	Diagnosis	ICD-9-CM
E951.8	Suicide and self-inflicted poisoning by other utility gas	Diagnosis	ICD-9-CM
E952.0	Suicide and self-inflicted poisoning by motor vehicle exhaust gas	Diagnosis	ICD-9-CM
E952.1	Suicide and self-inflicted poisoning by other carbon monoxide	Diagnosis	ICD-9-CM
E952.8	Suicide and self-inflicted poisoning by other specified gases and vapors	Diagnosis	ICD-9-CM
E952.9	Suicide and self-inflicted poisoning by unspecified gases and vapors	Diagnosis	ICD-9-CM
E953.0	Suicide and self-inflicted injury by hanging	Diagnosis	ICD-9-CM
E953.1	Suicide and self-inflicted injury by suffocation by plastic bag	Diagnosis	ICD-9-CM
E953.8	Suicide and self-inflicted injury by other specified means	Diagnosis	ICD-9-CM
E953.9	Suicide and self-inflicted injury by unspecified means	Diagnosis	ICD-9-CM
E954	Suicide and self-inflicted injury by submersion (drowning)	Diagnosis	ICD-9-CM
E955.0	Suicide and self-inflicted injury by handgun	Diagnosis	ICD-9-CM
E955.1	Suicide and self-inflicted injury by shotgun	Diagnosis	ICD-9-CM
E955.2	Suicide and self-inflicted injury by hunting rifle	Diagnosis	ICD-9-CM
E955.3	Suicide and self-inflicted injury by military firearms	Diagnosis	ICD-9-CM
E955.4	Suicide and self-inflicted injury by other and unspecified firearm	Diagnosis	ICD-9-CM
E955.5	Suicide and self-inflicted injury by explosives	Diagnosis	ICD-9-CM
E955.6	Suicide and self-inflicted injury by air gun	Diagnosis	ICD-9-CM
E955.7	Suicide and self-inflicted injury by paintball gun	Diagnosis	ICD-9-CM
E955.9	Suicide and self-inflicted injury by firearms and explosives, unspecified	Diagnosis	ICD-9-CM
E956	Suicide and self-inflicted injury by cutting and piercing instrument	Diagnosis	ICD-9-CM
E957.0	Suicide and self-inflicted injuries by jumping from residential premises	Diagnosis	ICD-9-CM
E957.1	Suicide and self-inflicted injuries by jumping from other man-made structures	Diagnosis	ICD-9-CM
E957.2	Suicide and self-inflicted injuries by jumping from natural sites	Diagnosis	ICD-9-CM
E957.9	Suicide and self-inflicted injuries by jumping from unspecified site	Diagnosis	ICD-9-CM
E958.0	Suicide and self-inflicted injury by jumping or lying before moving object	Diagnosis	ICD-9-CM
E958.1	Suicide and self-inflicted injury by burns, fire	Diagnosis	ICD-9-CM
E958.2	Suicide and self-inflicted injury by scald	Diagnosis	ICD-9-CM
E958.3	Suicide and self-inflicted injury by extremes of cold	Diagnosis	ICD-9-CM
E958.4	Suicide and self-inflicted injury by electrocution	Diagnosis	ICD-9-CM
E958.5	Suicide and self-inflicted injury by crashing of motor vehicle	Diagnosis	ICD-9-CM
E958.6	Suicide and self-inflicted injury by crashing of aircraft	Diagnosis	ICD-9-CM
E958.7	Suicide and self-inflicted injury by caustic substances, except poisoning	Diagnosis	ICD-9-CM
E958.8	Suicide and self-inflicted injury by other specified means	Diagnosis	ICD-9-CM
E958.9	Suicide and self-inflicted injury by unspecified means	Diagnosis	ICD-9-CM
E959	Late effects of self-inflicted injury	Diagnosis	ICD-9-CM
F01	Vascular dementia	Diagnosis	ICD-10-CM
F01.5	Vascular dementia	Diagnosis	ICD-10-CM
F01.50	Vascular dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F01.51	Vascular dementia with behavioral disturbance	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F02	Dementia in other diseases classified elsewhere	Diagnosis	ICD-10-CM
F02.8	Dementia in other diseases classified elsewhere	Diagnosis	ICD-10-CM
F02.80	Dementia in other diseases classified elsewhere without behavioral	Diagnosis	ICD-10-CM
F02.81	Dementia in other diseases classified elsewhere with behavioral disturbance	Diagnosis	ICD-10-CM
F03	Unspecified dementia	Diagnosis	ICD-10-CM
F03.9	Unspecified dementia	Diagnosis	ICD-10-CM
F03.90	Unspecified dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F03.91	Unspecified dementia with behavioral disturbance	Diagnosis	ICD-10-CM
F04	Amnestic disorder due to known physiological condition	Diagnosis	ICD-10-CM
F05	Delirium due to known physiological condition	Diagnosis	ICD-10-CM
F06	Other mental disorders due to known physiological condition	Diagnosis	ICD-10-CM
F06.0	Psychotic disorder with hallucinations due to known physiological condition	Diagnosis	ICD-10-CM
F06.1	Catatonic disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.2	Psychotic disorder with delusions due to known physiological condition	Diagnosis	ICD-10-CM
F06.3	Mood disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.30	Mood disorder due to known physiological condition, unspecified	Diagnosis	ICD-10-CM
F06.31	Mood disorder due to known physiological condition with depressive features	Diagnosis	ICD-10-CM
F06.32	Mood disorder due to known physiological condition with major depressive-like episode	Diagnosis	ICD-10-CM
F06.33	Mood disorder due to known physiological condition with manic features	Diagnosis	ICD-10-CM
F06.34	Mood disorder due to known physiological condition with mixed features	Diagnosis	ICD-10-CM
F06.4	Anxiety disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.8	Other specified mental disorders due to known physiological condition	Diagnosis	ICD-10-CM
F07	Personality and behavioral disorders due to known physiological condition	Diagnosis	ICD-10-CM
F07.0	Personality change due to known physiological condition	Diagnosis	ICD-10-CM
F07.8	Other personality and behavioral disorders due to known physiological condition	Diagnosis	ICD-10-CM
F07.81	Postconcussional syndrome	Diagnosis	ICD-10-CM
F07.89	Other personality and behavioral disorders due to known physiological condition	Diagnosis	ICD-10-CM
F07.9	Unspecified personality and behavioral disorder due to known physiological condition	Diagnosis	ICD-10-CM
F09	Unspecified mental disorder due to known physiological condition	Diagnosis	ICD-10-CM
F10	Alcohol related disorders	Diagnosis	ICD-10-CM
F10.1	Alcohol abuse	Diagnosis	ICD-10-CM
F10.10	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
F10.14	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

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

Code	Description	Code Category	Code Type
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.18	Alcohol abuse with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.182	Alcohol abuse with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.188	Alcohol abuse with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.2	Alcohol dependence	Diagnosis	ICD-10-CM
F10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
F10.22	Alcohol dependence with intoxication	Diagnosis	ICD-10-CM
F10.220	Alcohol dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
F10.229	Alcohol dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.23	Alcohol dependence with withdrawal	Diagnosis	ICD-10-CM
F10.230	Alcohol dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.231	Alcohol dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.239	Alcohol dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.24	Alcohol dependence with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.25	Alcohol dependence with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with	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
F10.92	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
F10.94	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	Diagnosis	ICD-10-CM
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.98	Alcohol use, unspecified with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F11	Opioid related disorders	Diagnosis	ICD-10-CM
F11.1	Opioid abuse	Diagnosis	ICD-10-CM
F11.10	Opioid abuse, uncomplicated	Diagnosis	ICD-10-CM
F11.11	Opioid abuse, in remission	Diagnosis	ICD-10-CM
F11.12	Opioid abuse with intoxication	Diagnosis	ICD-10-CM
F11.120	Opioid abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.121	Opioid abuse with intoxication delirium	Diagnosis	ICD-10-CM
F11.122	Opioid abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.129	Opioid abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.14	Opioid abuse with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.15	Opioid abuse with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.151	Opioid abuse with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.159	Opioid abuse with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.18	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.181	Opioid abuse with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.182	Opioid abuse with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.188	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.19	Opioid abuse with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.2	Opioid dependence	Diagnosis	ICD-10-CM
F11.20	Opioid dependence, uncomplicated	Diagnosis	ICD-10-CM
F11.21	Opioid dependence, in remission	Diagnosis	ICD-10-CM
F11.22	Opioid dependence with intoxication	Diagnosis	ICD-10-CM
F11.220	Opioid dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.221	Opioid dependence with intoxication delirium	Diagnosis	ICD-10-CM
F11.222	Opioid dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.229	Opioid dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.23	Opioid dependence with withdrawal	Diagnosis	ICD-10-CM
F11.24	Opioid dependence with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.25	Opioid dependence with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.250	Opioid dependence with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.259	Opioid dependence with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.28	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.281	Opioid dependence with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.282	Opioid dependence with opioid-induced sleep disorder	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F11.288	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.29	Opioid dependence with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.9	Opioid use, unspecified	Diagnosis	ICD-10-CM
F11.90	Opioid use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F11.92	Opioid use, unspecified with intoxication	Diagnosis	ICD-10-CM
F11.920	Opioid use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.921	Opioid use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F11.922	Opioid use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.929	Opioid use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.93	Opioid use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F11.94	Opioid use, unspecified with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.95	Opioid use, unspecified with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.951	Opioid use, unspecified with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.98	Opioid use, unspecified with other specified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.981	Opioid use, unspecified with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.988	Opioid use, unspecified with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.99	Opioid use, unspecified with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F12	Cannabis related disorders	Diagnosis	ICD-10-CM
F12.1	Cannabis abuse	Diagnosis	ICD-10-CM
F12.10	Cannabis abuse, uncomplicated	Diagnosis	ICD-10-CM
F12.11	Cannabis abuse, in remission	Diagnosis	ICD-10-CM
F12.12	Cannabis abuse with intoxication	Diagnosis	ICD-10-CM
F12.120	Cannabis abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.121	Cannabis abuse with intoxication delirium	Diagnosis	ICD-10-CM
F12.122	Cannabis abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.129	Cannabis abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.15	Cannabis abuse with psychotic disorder	Diagnosis	ICD-10-CM
F12.150	Cannabis abuse with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.151	Cannabis abuse with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.159	Cannabis abuse with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.18	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.188	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.2	Cannabis dependence	Diagnosis	ICD-10-CM
F12.20	Cannabis dependence, uncomplicated	Diagnosis	ICD-10-CM
F12.21	Cannabis dependence, in remission	Diagnosis	ICD-10-CM
F12.22	Cannabis dependence with intoxication	Diagnosis	ICD-10-CM
F12.220	Cannabis dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.221	Cannabis dependence with intoxication delirium	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
F12.222	Cannabis dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.229	Cannabis dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.23	Cannabis dependence with withdrawal	Diagnosis	ICD-10-CM
F12.25	Cannabis dependence with psychotic disorder	Diagnosis	ICD-10-CM
F12.250	Cannabis dependence with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.251	Cannabis dependence with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.259	Cannabis dependence with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.28	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.288	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.9	Cannabis use, unspecified	Diagnosis	ICD-10-CM
F12.90	Cannabis use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F12.92	Cannabis use, unspecified with intoxication	Diagnosis	ICD-10-CM
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.921	Cannabis use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.929	Cannabis use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.93	Cannabis use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F12.95	Cannabis use, unspecified with psychotic disorder	Diagnosis	ICD-10-CM
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.98	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.980	Cannabis use, unspecified with anxiety disorder	Diagnosis	ICD-10-CM
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F13	Sedative, hypnotic, or anxiolytic related disorders	Diagnosis	ICD-10-CM
F13.1	Sedative, hypnotic or anxiolytic-related abuse	Diagnosis	ICD-10-CM
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	Diagnosis	ICD-10-CM
F13.11	Sedative, hypnotic or anxiolytic abuse, in remission	Diagnosis	ICD-10-CM
F13.12	Sedative, hypnotic or anxiolytic abuse with intoxication	Diagnosis	ICD-10-CM
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	Diagnosis	ICD-10-CM
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.15	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder	Diagnosis	ICD-10-CM
F13.150	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.151	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F13.159	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.18	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorders	Diagnosis	ICD-10-CM
F13.180	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.181	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.188	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.19	Sedative, hypnotic or anxiolytic abuse with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.2	Sedative, hypnotic or anxiolytic-related dependence	Diagnosis	ICD-10-CM
F13.20	Sedative, hypnotic or anxiolytic dependence, uncomplicated	Diagnosis	ICD-10-CM
F13.21	Sedative, hypnotic or anxiolytic dependence, in remission	Diagnosis	ICD-10-CM
F13.22	Sedative, hypnotic or anxiolytic dependence with intoxication	Diagnosis	ICD-10-CM
F13.220	Sedative, hypnotic or anxiolytic dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.221	Sedative, hypnotic or anxiolytic dependence with intoxication delirium	Diagnosis	ICD-10-CM
F13.229	Sedative, hypnotic or anxiolytic dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.23	Sedative, hypnotic or anxiolytic dependence with withdrawal	Diagnosis	ICD-10-CM
F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.24	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.25	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder	Diagnosis	ICD-10-CM
F13.250	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.251	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.259	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.26	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.28	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorders	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F13.280	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.281	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.288	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.9	Sedative, hypnotic or anxiolytic-related use, unspecified	Diagnosis	ICD-10-CM
F13.90	Sedative, hypnotic, or anxiolytic use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F13.92	Sedative, hypnotic or anxiolytic use, unspecified with intoxication	Diagnosis	ICD-10-CM
F13.920	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.921	Sedative, hypnotic or anxiolytic use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F13.929	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.93	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	Diagnosis	ICD-10-CM
F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.94	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.95	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder	Diagnosis	ICD-10-CM
F13.950	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.951	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.959	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.96	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.98	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorders	Diagnosis	ICD-10-CM
F13.980	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.981	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.988	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.99	Sedative, hypnotic or anxiolytic use, unspecified with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F14	Cocaine related disorders	Diagnosis	ICD-10-CM
F14.1	Cocaine abuse	Diagnosis	ICD-10-CM
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.12	Cocaine abuse with intoxication	Diagnosis	ICD-10-CM
F14.120	Cocaine abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.129	Cocaine abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.14	Cocaine abuse with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.15	Cocaine abuse with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.18	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.188	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.2	Cocaine dependence	Diagnosis	ICD-10-CM
F14.20	Cocaine dependence, uncomplicated	Diagnosis	ICD-10-CM
F14.21	Cocaine dependence, in remission	Diagnosis	ICD-10-CM
F14.22	Cocaine dependence with intoxication	Diagnosis	ICD-10-CM
F14.220	Cocaine dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.221	Cocaine dependence with intoxication delirium	Diagnosis	ICD-10-CM
F14.222	Cocaine dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.229	Cocaine dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.23	Cocaine dependence with withdrawal	Diagnosis	ICD-10-CM
F14.24	Cocaine dependence with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.25	Cocaine dependence with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.28	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F14.282	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
F14.92	Cocaine use, unspecified with intoxication	Diagnosis	ICD-10-CM
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.95	Cocaine use, unspecified with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with	Diagnosis	ICD-10-CM
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.98	Cocaine use, unspecified with other specified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F15	Other stimulant related disorders	Diagnosis	ICD-10-CM
F15.1	Other stimulant abuse	Diagnosis	ICD-10-CM
F15.10	Other stimulant abuse, uncomplicated	Diagnosis	ICD-10-CM
F15.11	Other stimulant abuse, in remission	Diagnosis	ICD-10-CM
F15.12	Other stimulant abuse with intoxication	Diagnosis	ICD-10-CM
F15.120	Other stimulant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.121	Other stimulant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.129	Other stimulant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.14	Other stimulant abuse with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.15	Other stimulant abuse with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.18	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
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

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

Code	Description	Code Category	Code Type
F15.2	Other stimulant dependence	Diagnosis	ICD-10-CM
F15.20	Other stimulant dependence, uncomplicated	Diagnosis	ICD-10-CM
F15.21	Other stimulant dependence, in remission	Diagnosis	ICD-10-CM
F15.22	Other stimulant dependence with intoxication	Diagnosis	ICD-10-CM
F15.220	Other stimulant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.221	Other stimulant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.229	Other stimulant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.23	Other stimulant dependence with withdrawal	Diagnosis	ICD-10-CM
F15.24	Other stimulant dependence with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.25	Other stimulant dependence with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.28	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.288	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.9	Other stimulant use, unspecified	Diagnosis	ICD-10-CM
F15.90	Other stimulant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F15.92	Other stimulant use, unspecified with intoxication	Diagnosis	ICD-10-CM
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.921	Other stimulant use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.929	Other stimulant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.93	Other stimulant use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.95	Other stimulant use, unspecified with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.98	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F16	Hallucinogen related disorders	Diagnosis	ICD-10-CM
F16.1	Hallucinogen abuse	Diagnosis	ICD-10-CM
F16.10	Hallucinogen abuse, uncomplicated	Diagnosis	ICD-10-CM
F16.11	Hallucinogen abuse, in remission	Diagnosis	ICD-10-CM
F16.12	Hallucinogen abuse with intoxication	Diagnosis	ICD-10-CM
F16.120	Hallucinogen abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.121	Hallucinogen abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F16.122	Hallucinogen abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F16.129	Hallucinogen abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.15	Hallucinogen abuse with hallucinogen-induced psychotic disorder	Diagnosis	ICD-10-CM
F16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.18	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.180	Hallucinogen abuse with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.183	Hallucinogen abuse with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.188	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.19	Hallucinogen abuse with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.2	Hallucinogen dependence	Diagnosis	ICD-10-CM
F16.20	Hallucinogen dependence, uncomplicated	Diagnosis	ICD-10-CM
F16.21	Hallucinogen dependence, in remission	Diagnosis	ICD-10-CM
F16.22	Hallucinogen dependence with intoxication	Diagnosis	ICD-10-CM
F16.220	Hallucinogen dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.221	Hallucinogen dependence with intoxication with delirium	Diagnosis	ICD-10-CM
F16.229	Hallucinogen dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.24	Hallucinogen dependence with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.25	Hallucinogen dependence with hallucinogen-induced psychotic disorder	Diagnosis	ICD-10-CM
F16.250	Hallucinogen dependence with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.251	Hallucinogen dependence with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.259	Hallucinogen dependence with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.28	Hallucinogen dependence with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.280	Hallucinogen dependence with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.283	Hallucinogen dependence with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.288	Hallucinogen dependence with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.29	Hallucinogen dependence with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F16.9	Hallucinogen use, unspecified	Diagnosis	ICD-10-CM
F16.90	Hallucinogen use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F16.92	Hallucinogen use, unspecified with intoxication	Diagnosis	ICD-10-CM
F16.920	Hallucinogen use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.921	Hallucinogen use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F16.929	Hallucinogen use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.94	Hallucinogen use, unspecified with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.95	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder	Diagnosis	ICD-10-CM
F16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.98	Hallucinogen use, unspecified with other specified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F17	Nicotine dependence	Diagnosis	ICD-10-CM
F17.2	Nicotine dependence	Diagnosis	ICD-10-CM
F17.20	Nicotine dependence, unspecified	Diagnosis	ICD-10-CM
F17.200	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 disorders	Diagnosis	ICD-10-CM
F17.29	Nicotine dependence, other tobacco product	Diagnosis	ICD-10-CM
F17.290	Nicotine dependence, other tobacco product, uncomplicated	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
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
F18	Inhalant related disorders	Diagnosis	ICD-10-CM
F18.1	Inhalant abuse	Diagnosis	ICD-10-CM
F18.10	Inhalant abuse, uncomplicated	Diagnosis	ICD-10-CM
F18.11	Inhalant abuse, in remission	Diagnosis	ICD-10-CM
F18.12	Inhalant abuse with intoxication	Diagnosis	ICD-10-CM
F18.120	Inhalant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.121	Inhalant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F18.129	Inhalant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.14	Inhalant abuse with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.15	Inhalant abuse with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.150	Inhalant abuse with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.151	Inhalant abuse with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.159	Inhalant abuse with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.17	Inhalant abuse with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.18	Inhalant abuse with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.180	Inhalant abuse with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.188	Inhalant abuse with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.19	Inhalant abuse with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.2	Inhalant dependence	Diagnosis	ICD-10-CM
F18.20	Inhalant dependence, uncomplicated	Diagnosis	ICD-10-CM
F18.21	Inhalant dependence, in remission	Diagnosis	ICD-10-CM
F18.22	Inhalant dependence with intoxication	Diagnosis	ICD-10-CM
F18.220	Inhalant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.221	Inhalant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F18.229	Inhalant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.24	Inhalant dependence with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.25	Inhalant dependence with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.250	Inhalant dependence with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.251	Inhalant dependence with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.27	Inhalant dependence with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.28	Inhalant dependence with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.280	Inhalant dependence with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.288	Inhalant dependence with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.29	Inhalant dependence with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.9	Inhalant use, unspecified	Diagnosis	ICD-10-CM
F18.90	Inhalant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F18.92	Inhalant use, unspecified with intoxication	Diagnosis	ICD-10-CM
F18.920	Inhalant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.921	Inhalant use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F18.929	Inhalant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.94	Inhalant use, unspecified with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.95	Inhalant use, unspecified with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	Diagnosis	ICD-10-CM
F18.98	Inhalant use, unspecified with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F19	Other psychoactive substance related disorders	Diagnosis	ICD-10-CM
F19.1	Other psychoactive substance abuse	Diagnosis	ICD-10-CM
F19.10	Other psychoactive substance abuse, uncomplicated	Diagnosis	ICD-10-CM
F19.11	Other psychoactive substance abuse, in remission	Diagnosis	ICD-10-CM
F19.12	Other psychoactive substance abuse with intoxication	Diagnosis	ICD-10-CM
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.121	Other psychoactive substance abuse with intoxication delirium	Diagnosis	ICD-10-CM
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	Diagnosis	ICD-10-CM
F19.129	Other psychoactive substance abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.15	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder	Diagnosis	ICD-10-CM
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.18	Other psychoactive substance abuse with other psychoactive substance-induced disorders	Diagnosis	ICD-10-CM
F19.180	Other psychoactive substance abuse with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM

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

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

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

Code	Description	Code Category	Code Type
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.288	Other psychoactive substance dependence with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.29	Other psychoactive substance dependence with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.9	Other psychoactive substance use, unspecified	Diagnosis	ICD-10-CM
F19.90	Other psychoactive substance use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F19.92	Other psychoactive substance use, unspecified with intoxication	Diagnosis	ICD-10-CM
F19.920	Other psychoactive substance use, unspecified with intoxication,	Diagnosis	ICD-10-CM
F19.921	Other psychoactive substance use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F19.922	Other psychoactive substance use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.929	Other psychoactive substance use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.93	Other psychoactive substance use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F19.930	Other psychoactive substance use, unspecified with withdrawal,	Diagnosis	ICD-10-CM
F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.94	Other psychoactive substance use, unspecified with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.95	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder	Diagnosis	ICD-10-CM
F19.950	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.951	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.959	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.96	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.98	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorders	Diagnosis	ICD-10-CM
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.981	Other psychoactive substance use, unspecified with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.988	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F19.99	Other psychoactive substance use, unspecified with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F20	Schizophrenia	Diagnosis	ICD-10-CM
F20.0	Paranoid schizophrenia	Diagnosis	ICD-10-CM
F20.1	Disorganized schizophrenia	Diagnosis	ICD-10-CM
F20.2	Catatonic schizophrenia	Diagnosis	ICD-10-CM
F20.3	Undifferentiated schizophrenia	Diagnosis	ICD-10-CM
F20.5	Residual schizophrenia	Diagnosis	ICD-10-CM
F20.8	Other schizophrenia	Diagnosis	ICD-10-CM
F20.81	Schizophreniform disorder	Diagnosis	ICD-10-CM
F20.89	Other schizophrenia	Diagnosis	ICD-10-CM
F20.9	Schizophrenia, unspecified	Diagnosis	ICD-10-CM
F21	Schizotypal disorder	Diagnosis	ICD-10-CM
F22	Delusional disorders	Diagnosis	ICD-10-CM
F23	Brief psychotic disorder	Diagnosis	ICD-10-CM
F24	Shared psychotic disorder	Diagnosis	ICD-10-CM
F25	Schizoaffective disorders	Diagnosis	ICD-10-CM
F25.0	Schizoaffective disorder, bipolar type	Diagnosis	ICD-10-CM
F25.1	Schizoaffective disorder, depressive type	Diagnosis	ICD-10-CM
F25.8	Other schizoaffective disorders	Diagnosis	ICD-10-CM
F25.9	Schizoaffective disorder, unspecified	Diagnosis	ICD-10-CM
F28	Other psychotic disorder not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F29	Unspecified psychosis not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F30	Manic episode	Diagnosis	ICD-10-CM
F30.1	Manic episode without psychotic symptoms	Diagnosis	ICD-10-CM
F30.10	Manic episode without psychotic symptoms, unspecified	Diagnosis	ICD-10-CM
F30.11	Manic episode without psychotic symptoms, mild	Diagnosis	ICD-10-CM
F30.12	Manic episode without psychotic symptoms, moderate	Diagnosis	ICD-10-CM
F30.13	Manic episode, severe, without psychotic symptoms	Diagnosis	ICD-10-CM
F30.2	Manic episode, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F30.3	Manic episode in partial remission	Diagnosis	ICD-10-CM
F30.4	Manic episode in full remission	Diagnosis	ICD-10-CM
F30.8	Other manic episodes	Diagnosis	ICD-10-CM
F30.9	Manic episode, unspecified	Diagnosis	ICD-10-CM
F31	Bipolar disorder	Diagnosis	ICD-10-CM
F31.0	Bipolar disorder, current episode hypomanic	Diagnosis	ICD-10-CM
F31.1	Bipolar disorder, current episode manic without psychotic features	Diagnosis	ICD-10-CM
F31.10	Bipolar disorder, current episode manic without psychotic features,	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

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

Code	Description	Code Category	Code Type
F31.30	Bipolar disorder, current episode depressed, mild or moderate severity, unspecified	Diagnosis	ICD-10-CM
F31.31	Bipolar disorder, current episode depressed, mild	Diagnosis	ICD-10-CM
F31.32	Bipolar disorder, current episode depressed, moderate	Diagnosis	ICD-10-CM
F31.4	Bipolar disorder, current episode depressed, severe, without psychotic	Diagnosis	ICD-10-CM
F31.5	Bipolar disorder, current episode depressed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.6	Bipolar disorder, current episode mixed	Diagnosis	ICD-10-CM
F31.60	Bipolar disorder, current episode mixed, unspecified	Diagnosis	ICD-10-CM
F31.61	Bipolar disorder, current episode mixed, mild	Diagnosis	ICD-10-CM
F31.62	Bipolar disorder, current episode mixed, moderate	Diagnosis	ICD-10-CM
F31.63	Bipolar disorder, current episode mixed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.64	Bipolar disorder, current episode mixed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.7	Bipolar disorder, currently in remission	Diagnosis	ICD-10-CM
F31.70	Bipolar disorder, currently in remission, most recent episode unspecified	Diagnosis	ICD-10-CM
F31.71	Bipolar disorder, in partial remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.72	Bipolar disorder, in full remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.73	Bipolar disorder, in partial remission, most recent episode manic	Diagnosis	ICD-10-CM
F31.74	Bipolar disorder, in full remission, most recent episode manic	Diagnosis	ICD-10-CM
F31.75	Bipolar disorder, in partial remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.76	Bipolar disorder, in full remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.77	Bipolar disorder, in partial remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.78	Bipolar disorder, in full remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.8	Other bipolar disorders	Diagnosis	ICD-10-CM
F31.81	Bipolar II disorder	Diagnosis	ICD-10-CM
F31.89	Other bipolar disorder	Diagnosis	ICD-10-CM
F31.9	Bipolar disorder, unspecified	Diagnosis	ICD-10-CM
F32	Depressive episode	Diagnosis	ICD-10-CM
F32.0	Major depressive disorder, single episode, mild	Diagnosis	ICD-10-CM
F32.1	Major depressive disorder, single episode, moderate	Diagnosis	ICD-10-CM
F32.2	Major depressive disorder, single episode, severe without psychotic features	Diagnosis	ICD-10-CM
F32.3	Major depressive disorder, single episode, severe with psychotic features	Diagnosis	ICD-10-CM
F32.4	Major depressive disorder, single episode, in partial remission	Diagnosis	ICD-10-CM
F32.5	Major depressive disorder, single episode, in full remission	Diagnosis	ICD-10-CM
F32.8	Other depressive episodes	Diagnosis	ICD-10-CM
F32.81	Premenstrual dysphoric disorder	Diagnosis	ICD-10-CM
F32.89	Other specified depressive episodes	Diagnosis	ICD-10-CM
F32.9	Major depressive disorder, single episode, unspecified	Diagnosis	ICD-10-CM
F33	Major depressive disorder, recurrent	Diagnosis	ICD-10-CM
F33.0	Major depressive disorder, recurrent, mild	Diagnosis	ICD-10-CM
F33.1	Major depressive disorder, recurrent, moderate	Diagnosis	ICD-10-CM
F33.2	Major depressive disorder, recurrent severe without psychotic features	Diagnosis	ICD-10-CM
F33.3	Major depressive disorder, recurrent, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F33.4	Major depressive disorder, recurrent, in remission	Diagnosis	ICD-10-CM
F33.40	Major depressive disorder, recurrent, in remission, unspecified	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F33.41	Major depressive disorder, recurrent, in partial remission	Diagnosis	ICD-10-CM
F33.42	Major depressive disorder, recurrent, in full remission	Diagnosis	ICD-10-CM
F33.8	Other recurrent depressive disorders	Diagnosis	ICD-10-CM
F33.9	Major depressive disorder, recurrent, unspecified	Diagnosis	ICD-10-CM
F34	Persistent mood [affective] disorders	Diagnosis	ICD-10-CM
F34.0	Cyclothymic disorder	Diagnosis	ICD-10-CM
F34.1	Dysthymic disorder	Diagnosis	ICD-10-CM
F34.8	Other persistent mood [affective] disorders	Diagnosis	ICD-10-CM
F34.81	Disruptive mood dysregulation disorder	Diagnosis	ICD-10-CM
F34.89	Other specified persistent mood disorders	Diagnosis	ICD-10-CM
F34.9	Persistent mood [affective] disorder, unspecified	Diagnosis	ICD-10-CM
F39	Unspecified mood [affective] disorder	Diagnosis	ICD-10-CM
F40	Phobic anxiety disorders	Diagnosis	ICD-10-CM
F40.0	Agoraphobia	Diagnosis	ICD-10-CM
F40.00	Agoraphobia, unspecified	Diagnosis	ICD-10-CM
F40.01	Agoraphobia with panic disorder	Diagnosis	ICD-10-CM
F40.02	Agoraphobia without panic disorder	Diagnosis	ICD-10-CM
F40.1	Social phobias	Diagnosis	ICD-10-CM
F40.10	Social phobia, unspecified	Diagnosis	ICD-10-CM
F40.11	Social phobia, generalized	Diagnosis	ICD-10-CM
F40.2	Specific (isolated) phobias	Diagnosis	ICD-10-CM
F40.21	Animal type phobia	Diagnosis	ICD-10-CM
F40.210	Arachnophobia	Diagnosis	ICD-10-CM
F40.218	Other animal type phobia	Diagnosis	ICD-10-CM
F40.22	Natural environment type phobia	Diagnosis	ICD-10-CM
F40.220	Fear of thunderstorms	Diagnosis	ICD-10-CM
F40.228	Other natural environment type phobia	Diagnosis	ICD-10-CM
F40.23	Blood, injection, injury type phobia	Diagnosis	ICD-10-CM
F40.230	Fear of blood	Diagnosis	ICD-10-CM
F40.231	Fear of injections and transfusions	Diagnosis	ICD-10-CM
F40.232	Fear of other medical care	Diagnosis	ICD-10-CM
F40.233	Fear of injury	Diagnosis	ICD-10-CM
F40.24	Situational type phobia	Diagnosis	ICD-10-CM
F40.240	Claustrophobia	Diagnosis	ICD-10-CM
F40.241	Acrophobia	Diagnosis	ICD-10-CM
F40.242	Fear of bridges	Diagnosis	ICD-10-CM
F40.243	Fear of flying	Diagnosis	ICD-10-CM
F40.248	Other situational type phobia	Diagnosis	ICD-10-CM
F40.29	Other specified phobia	Diagnosis	ICD-10-CM
F40.290	Androphobia	Diagnosis	ICD-10-CM
F40.291	Gynephobia	Diagnosis	ICD-10-CM
F40.298	Other specified phobia	Diagnosis	ICD-10-CM
F40.8	Other phobic anxiety disorders	Diagnosis	ICD-10-CM
F40.9	Phobic anxiety disorder, unspecified	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F41	Other anxiety disorders	Diagnosis	ICD-10-CM
F41.0	Panic disorder [episodic paroxysmal anxiety]	Diagnosis	ICD-10-CM
F41.1	Generalized anxiety disorder	Diagnosis	ICD-10-CM
F41.3	Other mixed anxiety disorders	Diagnosis	ICD-10-CM
F41.8	Other specified anxiety disorders	Diagnosis	ICD-10-CM
F41.9	Anxiety disorder, unspecified	Diagnosis	ICD-10-CM
F42	Obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.2	Mixed obsessional thoughts and acts	Diagnosis	ICD-10-CM
F42.3	Hoarding disorder	Diagnosis	ICD-10-CM
F42.4	Excoriation (skin-picking) disorder	Diagnosis	ICD-10-CM
F42.8	Other obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.9	Obsessive-compulsive disorder, unspecified	Diagnosis	ICD-10-CM
F43	Reaction to severe stress, and adjustment disorders	Diagnosis	ICD-10-CM
F43.0	Acute stress reaction	Diagnosis	ICD-10-CM
F43.1	Post-traumatic stress disorder (PTSD)	Diagnosis	ICD-10-CM
F43.10	Post-traumatic stress disorder, unspecified	Diagnosis	ICD-10-CM
F43.11	Post-traumatic stress disorder, acute	Diagnosis	ICD-10-CM
F43.12	Post-traumatic stress disorder, chronic	Diagnosis	ICD-10-CM
F43.2	Adjustment disorders	Diagnosis	ICD-10-CM
F43.20	Adjustment disorder, unspecified	Diagnosis	ICD-10-CM
F43.21	Adjustment disorder with depressed mood	Diagnosis	ICD-10-CM
F43.22	Adjustment disorder with anxiety	Diagnosis	ICD-10-CM
F43.23	Adjustment disorder with mixed anxiety and depressed mood	Diagnosis	ICD-10-CM
F43.24	Adjustment disorder with disturbance of conduct	Diagnosis	ICD-10-CM
F43.25	Adjustment disorder with mixed disturbance of emotions and conduct	Diagnosis	ICD-10-CM
F43.29	Adjustment disorder with other symptoms	Diagnosis	ICD-10-CM
F43.8	Other reactions to severe stress	Diagnosis	ICD-10-CM
F43.9	Reaction to severe stress, unspecified	Diagnosis	ICD-10-CM
F44	Dissociative and conversion disorders	Diagnosis	ICD-10-CM
F44.0	Dissociative amnesia	Diagnosis	ICD-10-CM
F44.1	Dissociative fugue	Diagnosis	ICD-10-CM
F44.2	Dissociative stupor	Diagnosis	ICD-10-CM
F44.4	Conversion disorder with motor symptom or deficit	Diagnosis	ICD-10-CM
F44.5	Conversion disorder with seizures or convulsions	Diagnosis	ICD-10-CM
F44.6	Conversion disorder with sensory symptom or deficit	Diagnosis	ICD-10-CM
F44.7	Conversion disorder with mixed symptom presentation	Diagnosis	ICD-10-CM
F44.8	Other dissociative and conversion disorders	Diagnosis	ICD-10-CM
F44.81	Dissociative identity disorder	Diagnosis	ICD-10-CM
F44.89	Other dissociative and conversion disorders	Diagnosis	ICD-10-CM
F44.9	Dissociative and conversion disorder, unspecified	Diagnosis	ICD-10-CM
F45	Somatoform disorders	Diagnosis	ICD-10-CM
F45.0	Somatization disorder	Diagnosis	ICD-10-CM
F45.1	Undifferentiated somatoform disorder	Diagnosis	ICD-10-CM
F45.2	Hypochondriacal disorders	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
F45.20	Hypochondriacal disorder, unspecified	Diagnosis	ICD-10-CM
F45.21	Hypochondriasis	Diagnosis	ICD-10-CM
F45.22	Body dysmorphic disorder	Diagnosis	ICD-10-CM
F45.29	Other hypochondriacal disorders	Diagnosis	ICD-10-CM
F45.4	Pain disorders related to psychological factors	Diagnosis	ICD-10-CM
F45.41	Pain disorder exclusively related to psychological factors	Diagnosis	ICD-10-CM
F45.42	Pain disorder with related psychological factors	Diagnosis	ICD-10-CM
F45.8	Other somatoform disorders	Diagnosis	ICD-10-CM
F45.9	Somatoform disorder, unspecified	Diagnosis	ICD-10-CM
F48	Other nonpsychotic mental disorders	Diagnosis	ICD-10-CM
F48.1	Depersonalization-derealization syndrome	Diagnosis	ICD-10-CM
F48.2	Pseudobulbar affect	Diagnosis	ICD-10-CM
F48.8	Other specified nonpsychotic mental disorders	Diagnosis	ICD-10-CM
F48.9	Nonpsychotic mental disorder, unspecified	Diagnosis	ICD-10-CM
F50	Eating disorders	Diagnosis	ICD-10-CM
F50.0	Anorexia nervosa	Diagnosis	ICD-10-CM
F50.00	Anorexia nervosa, unspecified	Diagnosis	ICD-10-CM
F50.01	Anorexia nervosa, restricting type	Diagnosis	ICD-10-CM
F50.02	Anorexia nervosa, binge eating/purging type	Diagnosis	ICD-10-CM
F50.2	Bulimia nervosa	Diagnosis	ICD-10-CM
F50.8	Other eating disorders	Diagnosis	ICD-10-CM
F50.81	Binge eating disorder	Diagnosis	ICD-10-CM
F50.82	Avoidant/restrictive food intake disorder	Diagnosis	ICD-10-CM
F50.89	Other specified eating disorder	Diagnosis	ICD-10-CM
F50.9	Eating disorder, unspecified	Diagnosis	ICD-10-CM
F51	Sleep disorders not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.0	Insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.01	Primary insomnia	Diagnosis	ICD-10-CM
F51.02	Adjustment insomnia	Diagnosis	ICD-10-CM
F51.03	Paradoxical insomnia	Diagnosis	ICD-10-CM
F51.04	Psychophysiologic insomnia	Diagnosis	ICD-10-CM
F51.05	Insomnia due to other mental disorder	Diagnosis	ICD-10-CM
F51.09	Other insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.1	Hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.11	Primary hypersomnia	Diagnosis	ICD-10-CM
F51.12	Insufficient sleep syndrome	Diagnosis	ICD-10-CM
F51.13	Hypersomnia due to other mental disorder	Diagnosis	ICD-10-CM
F51.19	Other hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.3	Sleepwalking [somnambulism]	Diagnosis	ICD-10-CM
F51.4	Sleep terrors [night terrors]	Diagnosis	ICD-10-CM
F51.5	Nightmare disorder	Diagnosis	ICD-10-CM
F51.8	Other sleep disorders not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.9	Sleep disorder not due to a substance or known physiological condition, unspecified	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F52	Sexual dysfunction not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.0	Hypoactive sexual desire disorder	Diagnosis	ICD-10-CM
F52.1	Sexual aversion disorder	Diagnosis	ICD-10-CM
F52.2	Sexual arousal disorders	Diagnosis	ICD-10-CM
F52.21	Male erectile disorder	Diagnosis	ICD-10-CM
F52.22	Female sexual arousal disorder	Diagnosis	ICD-10-CM
F52.3	Orgasmic disorder	Diagnosis	ICD-10-CM
F52.31	Female orgasmic disorder	Diagnosis	ICD-10-CM
F52.32	Male orgasmic disorder	Diagnosis	ICD-10-CM
F52.4	Premature ejaculation	Diagnosis	ICD-10-CM
F52.5	Vaginismus not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.6	Dyspareunia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.8	Other sexual dysfunction not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F52.9	Unspecified sexual dysfunction not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F53	Mental and behavioral disorders associated with the puerperium, not elsewhere classified	Diagnosis	ICD-10-CM
F53.0	Postpartum depression	Diagnosis	ICD-10-CM
F53.1	Puerperal psychosis	Diagnosis	ICD-10-CM
F54	Psychological and behavioral factors associated with disorders or diseases classified elsewhere	Diagnosis	ICD-10-CM
F55.0	Abuse of antacids	Diagnosis	ICD-10-CM
F55.1	Abuse of herbal or folk remedies	Diagnosis	ICD-10-CM
F55.2	Abuse of laxatives	Diagnosis	ICD-10-CM
F55.3	Abuse of steroids or hormones	Diagnosis	ICD-10-CM
F55.4	Abuse of vitamins	Diagnosis	ICD-10-CM
F55.8	Abuse of other non-psychoactive substances	Diagnosis	ICD-10-CM
F59	Unspecified behavioral syndromes associated with physiological disturbances and physical factors	Diagnosis	ICD-10-CM
F60	Specific personality disorders	Diagnosis	ICD-10-CM
F60.0	Paranoid personality disorder	Diagnosis	ICD-10-CM
F60.1	Schizoid personality disorder	Diagnosis	ICD-10-CM
F60.2	Antisocial personality disorder	Diagnosis	ICD-10-CM
F60.3	Borderline personality disorder	Diagnosis	ICD-10-CM
F60.4	Histrionic personality disorder	Diagnosis	ICD-10-CM
F60.5	Obsessive-compulsive personality disorder	Diagnosis	ICD-10-CM
F60.6	Avoidant personality disorder	Diagnosis	ICD-10-CM
F60.7	Dependent personality disorder	Diagnosis	ICD-10-CM
F60.8	Other specific personality disorders	Diagnosis	ICD-10-CM
F60.81	Narcissistic personality disorder	Diagnosis	ICD-10-CM
F60.89	Other specific personality disorders	Diagnosis	ICD-10-CM
F60.9	Personality disorder, unspecified	Diagnosis	ICD-10-CM
F63	Impulse disorders	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
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
F63.8	Other impulse disorders	Diagnosis	ICD-10-CM
F63.81	Intermittent explosive disorder	Diagnosis	ICD-10-CM
F63.89	Other impulse disorders	Diagnosis	ICD-10-CM
F63.9	Impulse disorder, unspecified	Diagnosis	ICD-10-CM
F64	Gender identity disorders	Diagnosis	ICD-10-CM
F64.0	Transsexualism	Diagnosis	ICD-10-CM
F64.1	Dual role transvestism	Diagnosis	ICD-10-CM
F64.2	Gender identity disorder of childhood	Diagnosis	ICD-10-CM
F64.8	Other gender identity disorders	Diagnosis	ICD-10-CM
F64.9	Gender identity disorder, unspecified	Diagnosis	ICD-10-CM
F65	Paraphilias	Diagnosis	ICD-10-CM
F65.0	Fetishism	Diagnosis	ICD-10-CM
F65.1	Transvestic fetishism	Diagnosis	ICD-10-CM
F65.2	Exhibitionism	Diagnosis	ICD-10-CM
F65.3	Voyeurism	Diagnosis	ICD-10-CM
F65.4	Pedophilia	Diagnosis	ICD-10-CM
F65.5	Sadomasochism	Diagnosis	ICD-10-CM
F65.50	Sadomasochism, unspecified	Diagnosis	ICD-10-CM
F65.51	Sexual masochism	Diagnosis	ICD-10-CM
F65.52	Sexual sadism	Diagnosis	ICD-10-CM
F65.8	Other paraphilias	Diagnosis	ICD-10-CM
F65.81	Frotteurism	Diagnosis	ICD-10-CM
F65.89	Other paraphilias	Diagnosis	ICD-10-CM
F65.9	Paraphilia, unspecified	Diagnosis	ICD-10-CM
F66	Other sexual disorders	Diagnosis	ICD-10-CM
F68	Other disorders of adult personality and behavior	Diagnosis	ICD-10-CM
F68.1	Factitious disorder imposed on self	Diagnosis	ICD-10-CM
F68.10	Factitious disorder imposed on self, unspecified	Diagnosis	ICD-10-CM
F68.11	Factitious disorder imposed on self, with predominantly psychological signs and symptoms	Diagnosis	ICD-10-CM
F68.12	Factitious disorder imposed on self, with predominantly physical signs and symptoms	Diagnosis	ICD-10-CM
F68.13	Factitious disorder imposed on self, with combined psychological and physical signs and symptoms	Diagnosis	ICD-10-CM
F68.8	Other specified disorders of adult personality and behavior	Diagnosis	ICD-10-CM
F68.A	Factitious disorder imposed on another	Diagnosis	ICD-10-CM
F69	Unspecified disorder of adult personality and behavior	Diagnosis	ICD-10-CM
F70	Mild intellectual disabilities	Diagnosis	ICD-10-CM
F71	Moderate intellectual disabilities	Diagnosis	ICD-10-CM
F72	Severe intellectual disabilities	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F73	Profound intellectual disabilities	Diagnosis	ICD-10-CM
F78	Other intellectual disabilities	Diagnosis	ICD-10-CM
F79	Unspecified intellectual disabilities	Diagnosis	ICD-10-CM
F80	Specific developmental disorders of speech and language	Diagnosis	ICD-10-CM
F80.0	Phonological disorder	Diagnosis	ICD-10-CM
F80.1	Expressive language disorder	Diagnosis	ICD-10-CM
F80.2	Mixed receptive-expressive language disorder	Diagnosis	ICD-10-CM
F80.4	Speech and language development delay due to hearing loss	Diagnosis	ICD-10-CM
F80.8	Other developmental disorders of speech and language	Diagnosis	ICD-10-CM
F80.81	Childhood onset fluency disorder	Diagnosis	ICD-10-CM
F80.82	Social pragmatic communication disorder	Diagnosis	ICD-10-CM
F80.89	Other developmental disorders of speech and language	Diagnosis	ICD-10-CM
F80.9	Developmental disorder of speech and language, unspecified	Diagnosis	ICD-10-CM
F81	Specific developmental disorders of scholastic skills	Diagnosis	ICD-10-CM
F81.0	Specific reading disorder	Diagnosis	ICD-10-CM
F81.2	Mathematics disorder	Diagnosis	ICD-10-CM
F81.8	Other developmental disorders of scholastic skills	Diagnosis	ICD-10-CM
F81.81	Disorder of written expression	Diagnosis	ICD-10-CM
F81.89	Other developmental disorders of scholastic skills	Diagnosis	ICD-10-CM
F81.9	Developmental disorder of scholastic skills, unspecified	Diagnosis	ICD-10-CM
F82	Specific developmental disorder of motor function	Diagnosis	ICD-10-CM
F84	Pervasive developmental disorders	Diagnosis	ICD-10-CM
F84.0	Autistic disorder	Diagnosis	ICD-10-CM
F84.2	Rett's syndrome	Diagnosis	ICD-10-CM
F84.3	Other childhood disintegrative disorder	Diagnosis	ICD-10-CM
F84.5	Asperger's syndrome	Diagnosis	ICD-10-CM
F84.8	Other pervasive developmental disorders	Diagnosis	ICD-10-CM
F84.9	Pervasive developmental disorder, unspecified	Diagnosis	ICD-10-CM
F88	Other disorders of psychological development	Diagnosis	ICD-10-CM
F89	Unspecified disorder of psychological development	Diagnosis	ICD-10-CM
F90	Attention-deficit hyperactivity disorders	Diagnosis	ICD-10-CM
F90.0	Attention-deficit hyperactivity disorder, predominantly inattentive type	Diagnosis	ICD-10-CM
F90.1	Attention-deficit hyperactivity disorder, predominantly hyperactive type	Diagnosis	ICD-10-CM
F90.2	Attention-deficit hyperactivity disorder, combined type	Diagnosis	ICD-10-CM
F90.8	Attention-deficit hyperactivity disorder, other type	Diagnosis	ICD-10-CM
F90.9	Attention-deficit hyperactivity disorder, unspecified type	Diagnosis	ICD-10-CM
F91	Conduct disorders	Diagnosis	ICD-10-CM
F91.0	Conduct disorder confined to family context	Diagnosis	ICD-10-CM
F91.1	Conduct disorder, childhood-onset type	Diagnosis	ICD-10-CM
F91.2	Conduct disorder, adolescent-onset type	Diagnosis	ICD-10-CM
F91.3	Oppositional defiant disorder	Diagnosis	ICD-10-CM
F91.8	Other conduct disorders	Diagnosis	ICD-10-CM
F91.9	Conduct disorder, unspecified	Diagnosis	ICD-10-CM
F93	Emotional disorders with onset specific to childhood	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F93.0	Separation anxiety disorder of childhood	Diagnosis	ICD-10-CM
F93.8	Other childhood emotional disorders	Diagnosis	ICD-10-CM
F93.9	Childhood emotional disorder, unspecified	Diagnosis	ICD-10-CM
F94	Disorders of social functioning with onset specific to childhood and	Diagnosis	ICD-10-CM
F94.0	Selective mutism	Diagnosis	ICD-10-CM
F94.1	Reactive attachment disorder of childhood	Diagnosis	ICD-10-CM
F94.2	Disinhibited attachment disorder of childhood	Diagnosis	ICD-10-CM
F94.8	Other childhood disorders of social functioning	Diagnosis	ICD-10-CM
F94.9	Childhood disorder of social functioning, unspecified	Diagnosis	ICD-10-CM
F95	Tic disorder	Diagnosis	ICD-10-CM
F95.0	Transient tic disorder	Diagnosis	ICD-10-CM
F95.1	Chronic motor or vocal tic disorder	Diagnosis	ICD-10-CM
F95.2	Tourette's disorder	Diagnosis	ICD-10-CM
F95.8	Other tic disorders	Diagnosis	ICD-10-CM
F95.9	Tic disorder, unspecified	Diagnosis	ICD-10-CM
F98	Other behavioral and emotional disorders with onset usually occurring in childhood and adolescence	Diagnosis	ICD-10-CM
F98.0	Enuresis not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F98.1	Encopresis not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F98.2	Other feeding disorders of infancy and childhood	Diagnosis	ICD-10-CM
F98.21	Rumination disorder of infancy	Diagnosis	ICD-10-CM
F98.29	Other feeding disorders of infancy and early childhood	Diagnosis	ICD-10-CM
F98.3	Pica of infancy and childhood	Diagnosis	ICD-10-CM
F98.4	Stereotyped movement disorders	Diagnosis	ICD-10-CM
F98.5	Adult onset fluency disorder	Diagnosis	ICD-10-CM
F98.8	Other specified behavioral and emotional disorders with onset usually occurring in childhood and adolescence	Diagnosis	ICD-10-CM
F98.9	Unspecified behavioral and emotional disorders with onset usually occurring in childhood and adolescence	Diagnosis	ICD-10-CM
F99	Mental disorder, not otherwise specified	Diagnosis	ICD-10-CM
G13.2	Systemic atrophy primarily affecting the central nervous system in myxedema	Diagnosis	ICD-10-CM
G13.8	Systemic atrophy primarily affecting central nervous system in other diseases classified elsewhere	Diagnosis	ICD-10-CM
G25.70	Drug induced movement disorder, unspecified	Diagnosis	ICD-10-CM
G25.71	Drug induced akathisia	Diagnosis	ICD-10-CM
G25.79	Other drug induced movement disorders	Diagnosis	ICD-10-CM
G25.89	Other specified extrapyramidal and movement disorders	Diagnosis	ICD-10-CM
G25.9	Extrapyramidal and movement disorder, unspecified	Diagnosis	ICD-10-CM
G26	Extrapyramidal and movement disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
G30.0	Alzheimer's disease with early onset	Diagnosis	ICD-10-CM
G30.1	Alzheimer's disease with late onset	Diagnosis	ICD-10-CM
G30.8	Other Alzheimer's disease	Diagnosis	ICD-10-CM
G30.9	Alzheimer's disease, unspecified	Diagnosis	ICD-10-CM
G31.01	Pick's disease	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
G31.09	Other frontotemporal dementia	Diagnosis	ICD-10-CM
G31.1	Senile degeneration of brain, not elsewhere classified	Diagnosis	ICD-10-CM
G31.2	Degeneration of nervous system due to alcohol	Diagnosis	ICD-10-CM
G31.81	Alpers disease	Diagnosis	ICD-10-CM
G31.82	Leigh's disease	Diagnosis	ICD-10-CM
G31.83	Dementia with Lewy bodies	Diagnosis	ICD-10-CM
G31.84	Mild cognitive impairment, so stated	Diagnosis	ICD-10-CM
G31.85	Corticobasal degeneration	Diagnosis	ICD-10-CM
G31.89	Other specified degenerative diseases of nervous system	Diagnosis	ICD-10-CM
G31.9	Degenerative disease of nervous system, unspecified	Diagnosis	ICD-10-CM
G44.209	Tension-type headache, unspecified, not intractable	Diagnosis	ICD-10-CM
G47	Sleep disorders	Diagnosis	ICD-10-CM
G47.0	Insomnia	Diagnosis	ICD-10-CM
G47.00	Insomnia, unspecified	Diagnosis	ICD-10-CM
G47.01	Insomnia due to medical condition	Diagnosis	ICD-10-CM
G47.09	Other insomnia	Diagnosis	ICD-10-CM
G47.1	Hypersomnia	Diagnosis	ICD-10-CM
G47.10	Hypersomnia, unspecified	Diagnosis	ICD-10-CM
G47.11	Idiopathic hypersomnia with long sleep time	Diagnosis	ICD-10-CM
G47.12	Idiopathic hypersomnia without long sleep time	Diagnosis	ICD-10-CM
G47.13	Recurrent hypersomnia	Diagnosis	ICD-10-CM
G47.14	Hypersomnia due to medical condition	Diagnosis	ICD-10-CM
G47.19	Other hypersomnia	Diagnosis	ICD-10-CM
G47.2	Circadian rhythm sleep disorders	Diagnosis	ICD-10-CM
G47.20	Circadian rhythm sleep disorder, unspecified type	Diagnosis	ICD-10-CM
G47.21	Circadian rhythm sleep disorder, delayed sleep phase type	Diagnosis	ICD-10-CM
G47.22	Circadian rhythm sleep disorder, advanced sleep phase type	Diagnosis	ICD-10-CM
G47.23	Circadian rhythm sleep disorder, irregular sleep wake type	Diagnosis	ICD-10-CM
G47.24	Circadian rhythm sleep disorder, free running type	Diagnosis	ICD-10-CM
G47.25	Circadian rhythm sleep disorder, jet lag type	Diagnosis	ICD-10-CM
G47.26	Circadian rhythm sleep disorder, shift work type	Diagnosis	ICD-10-CM
G47.27	Circadian rhythm sleep disorder in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.29	Other circadian rhythm sleep disorder	Diagnosis	ICD-10-CM
G47.3	Sleep apnea	Diagnosis	ICD-10-CM
G47.30	Sleep apnea, unspecified	Diagnosis	ICD-10-CM
G47.31	Primary central sleep apnea	Diagnosis	ICD-10-CM
G47.33	Obstructive sleep apnea (adult) (pediatric)	Diagnosis	ICD-10-CM
G47.34	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-10-CM
G47.35	Congenital central alveolar hypoventilation syndrome	Diagnosis	ICD-10-CM
G47.36	Sleep related hypoventilation in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.37	Central sleep apnea in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.39	Other sleep apnea	Diagnosis	ICD-10-CM
G47.4	Narcolepsy and cataplexy	Diagnosis	ICD-10-CM
G47.41	Narcolepsy	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
G47.411	Narcolepsy with cataplexy	Diagnosis	ICD-10-CM
G47.419	Narcolepsy without cataplexy	Diagnosis	ICD-10-CM
G47.42	Narcolepsy in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.421	Narcolepsy in conditions classified elsewhere with cataplexy	Diagnosis	ICD-10-CM
G47.429	Narcolepsy in conditions classified elsewhere without cataplexy	Diagnosis	ICD-10-CM
G47.5	Parasomnia	Diagnosis	ICD-10-CM
G47.50	Parasomnia, unspecified	Diagnosis	ICD-10-CM
G47.51	Confusional arousals	Diagnosis	ICD-10-CM
G47.52	REM sleep behavior disorder	Diagnosis	ICD-10-CM
G47.53	Recurrent isolated sleep paralysis	Diagnosis	ICD-10-CM
G47.54	Parasomnia in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.59	Other parasomnia	Diagnosis	ICD-10-CM
G47.6	Sleep related movement disorders	Diagnosis	ICD-10-CM
G47.61	Periodic limb movement disorder	Diagnosis	ICD-10-CM
G47.62	Sleep related leg cramps	Diagnosis	ICD-10-CM
G47.63	Sleep related bruxism	Diagnosis	ICD-10-CM
G47.69	Other sleep related movement disorders	Diagnosis	ICD-10-CM
G47.8	Other sleep disorders	Diagnosis	ICD-10-CM
G47.9	Sleep disorder, unspecified	Diagnosis	ICD-10-CM
G62.1	Alcoholic polyneuropathy	Diagnosis	ICD-10-CM
G91.0	Communicating hydrocephalus	Diagnosis	ICD-10-CM
G91.1	Obstructive hydrocephalus	Diagnosis	ICD-10-CM
G91.2	(Idiopathic) normal pressure hydrocephalus	Diagnosis	ICD-10-CM
G91.3	Post-traumatic hydrocephalus, unspecified	Diagnosis	ICD-10-CM
G91.4	Hydrocephalus in diseases classified elsewhere	Diagnosis	ICD-10-CM
G91.8	Other hydrocephalus	Diagnosis	ICD-10-CM
G91.9	Hydrocephalus, unspecified	Diagnosis	ICD-10-CM
G93.40	Encephalopathy, unspecified	Diagnosis	ICD-10-CM
G93.41	Metabolic encephalopathy	Diagnosis	ICD-10-CM
G93.49	Other encephalopathy	Diagnosis	ICD-10-CM
G93.7	Reye's syndrome	Diagnosis	ICD-10-CM
G93.89	Other specified disorders of brain	Diagnosis	ICD-10-CM
G93.9	Disorder of brain, unspecified	Diagnosis	ICD-10-CM
G94	Other disorders of brain in diseases classified elsewhere	Diagnosis	ICD-10-CM
GZ2ZZZZ	Crisis Intervention	Procedure	ICD-10-PCS
GZ50ZZZ	Individual Psychotherapy, Interactive	Procedure	ICD-10-PCS
GZ51ZZZ	Individual Psychotherapy, Behavioral	Procedure	ICD-10-PCS
GZ52ZZZ	Individual Psychotherapy, Cognitive	Procedure	ICD-10-PCS
GZ53ZZZ	Individual Psychotherapy, Interpersonal	Procedure	ICD-10-PCS
GZ54ZZZ	Individual Psychotherapy, Psychoanalysis	Procedure	ICD-10-PCS
GZ55ZZZ	Individual Psychotherapy, Psychodynamic	Procedure	ICD-10-PCS
GZ56ZZZ	Individual Psychotherapy, Supportive	Procedure	ICD-10-PCS
GZ58ZZZ	Individual Psychotherapy, Cognitive-Behavioral	Procedure	ICD-10-PCS
GZC9ZZZ	Biofeedback	Procedure	ICD-10-PCS

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

Code	Description	Code Category	Code Type
GZFZZZ	Hypnosis	Procedure	ICD-10-PCS
GZHZZZ	Group Psychotherapy	Procedure	ICD-10-PCS
H0005	Alcohol and/or drug services; group counseling by a clinician	Procedure	HCPCS
H0007	Alcohol and/or drug services; crisis intervention (outpatient)	Procedure	HCPCS
H0008	Alcohol and/or drug services; subacute detoxification (hospital inpatient)	Procedure	HCPCS
H0010	Alcohol and/or drug services; subacute detoxification (residential addiction program inpatient)	Procedure	HCPCS
H0011	Alcohol and/or drug services; acute detoxification (residential addiction program inpatient)	Procedure	HCPCS
H0012	Alcohol and/or drug services; subacute detoxification (residential addiction program outpatient)	Procedure	HCPCS
H0013	Alcohol and/or drug services; acute detoxification (residential addiction program outpatient)	Procedure	HCPCS
H0014	Alcohol and/or drug services; ambulatory detoxification	Procedure	HCPCS
H0015	Alcohol and/or drug services; intensive outpatient (treatment program that operates at least 3 hours/day and at least 3 days/week and is based on an individualized treatment plan), including assessment, counseling; crisis intervention, and activity therapies or education	Procedure	HCPCS
H0020	Alcohol and/or drug services; methadone administration and/or service (provision of the drug by a licensed program)	Procedure	HCPCS
H0022	Alcohol and/or drug intervention service (planned facilitation)	Procedure	HCPCS
H2035	Alcohol and/or other drug treatment program, per hour	Procedure	HCPCS
H2036	Alcohol and/or other drug treatment program, per diem	Procedure	HCPCS
H93.25	Central auditory processing disorder	Diagnosis	ICD-10-CM
HZ2ZZZ	Detoxification Services for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ30ZZ	Individual Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ31ZZ	Individual Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ32ZZ	Individual Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ33ZZ	Individual Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ34ZZ	Individual Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ35ZZ	Individual Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ36ZZ	Individual Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ37ZZ	Individual Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ38ZZ	Individual Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ39ZZ	Individual Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ3BZZ	Individual Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ40ZZ	Group Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ41ZZ	Group Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ42ZZ	Group Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ43ZZ	Group Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ44ZZ	Group Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ45ZZ	Group Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ46ZZ	Group Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS



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

Code	Description	Code Category	Code Type
HZ47ZZZ	Group Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ48ZZZ	Group Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ49ZZZ	Group Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ4BZZZ	Group Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ50ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ51ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ52ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ53ZZZ	Individual Psychotherapy for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ54ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ55ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Interactive	Procedure	ICD-10-PCS
HZ56ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ57ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ58ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ59ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Supportive	Procedure	ICD-10-PCS
HZ5BZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychoanalysis	Procedure	ICD-10-PCS
HZ5CZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychodynamic	Procedure	ICD-10-PCS
HZ5DZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychophysiological	Procedure	ICD-10-PCS
HZ63ZZZ	Family Counseling for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ83ZZZ	Medication Management for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
HZ86ZZZ	Medication Management for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
HZ88ZZZ	Medication Management for Substance Abuse Treatment, Psychiatric Medication	Procedure	ICD-10-PCS
HZ89ZZZ	Medication Management for Substance Abuse Treatment, Other Replacement Medication	Procedure	ICD-10-PCS
HZ93ZZZ	Pharmacotherapy for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
HZ98ZZZ	Pharmacotherapy for Substance Abuse Treatment, Psychiatric Medication	Procedure	ICD-10-PCS
HZ99ZZZ	Pharmacotherapy for Substance Abuse Treatment, Other Replacement Medication	Procedure	ICD-10-PCS
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
I67.83	Posterior reversible encephalopathy syndrome	Diagnosis	ICD-10-CM
J0570	Buprenorphine implant, 74.2 mg	Procedure	HCPCS
J0571	Buprenorphine, oral, 1 mg	Procedure	HCPCS
J0572	Buprenorphine/naloxone, oral, less than or equal to 3 mg buprenorphine	Procedure	HCPCS
J0573	Buprenorphine/naloxone, oral, greater than 3 mg, but less than or equal to 6 mg buprenorphine	Procedure	HCPCS
J0574	Buprenorphine/naloxone, oral, greater than 6 mg, but less than or equal to 10 mg buprenorphine	Procedure	HCPCS
J0575	Buprenorphine/naloxone, oral, greater than 10 mg buprenorphine	Procedure	HCPCS
J0592	Injection, buprenorphine HCl, 0.1 mg	Procedure	HCPCS
J1230	Injection, methadone HCl, up to 10 mg	Procedure	HCPCS
J2212	Injection, methylnaltrexone, 0.1 mg	Procedure	HCPCS
J2315	Injection, naltrexone, depot form, 1 mg	Procedure	HCPCS

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

Code	Description	Code Category	Code Type
K29.2	Alcoholic gastritis	Diagnosis	ICD-10-CM
K29.20	Alcoholic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.21	Alcoholic gastritis with bleeding	Diagnosis	ICD-10-CM
K70.0	Alcoholic fatty liver	Diagnosis	ICD-10-CM
K70.10	Alcoholic hepatitis without ascites	Diagnosis	ICD-10-CM
K70.11	Alcoholic hepatitis with ascites	Diagnosis	ICD-10-CM
K70.2	Alcoholic fibrosis and sclerosis of liver	Diagnosis	ICD-10-CM
K70.30	Alcoholic cirrhosis of liver without ascites	Diagnosis	ICD-10-CM
K70.31	Alcoholic cirrhosis of liver with ascites	Diagnosis	ICD-10-CM
K70.40	Alcoholic hepatic failure without coma	Diagnosis	ICD-10-CM
K70.41	Alcoholic hepatic failure with coma	Diagnosis	ICD-10-CM
K70.9	Alcoholic liver disease, unspecified	Diagnosis	ICD-10-CM
L8679	Implantable neurostimulator, pulse generator, any type	Procedure	HCPCS
L8680	Implantable neurostimulator electrode, each	Procedure	HCPCS
L8681	Patient programmer (external) for use with implantable programmable neurostimulator pulse generator, replacement only	Procedure	HCPCS
L8682	Implantable neurostimulator radiofrequency receiver	Procedure	HCPCS
L8683	Radiofrequency transmitter (external) for use with implantable neurostimulator radiofrequency receiver	Procedure	HCPCS
L8685	Implantable neurostimulator pulse generator, single array, rechargeable, includes extension	Procedure	HCPCS
L8686	Implantable neurostimulator pulse generator, single array, nonrechargeable, includes extension	Procedure	HCPCS
L8687	Implantable neurostimulator pulse generator, dual array, rechargeable, includes extension	Procedure	HCPCS
L8688	Implantable neurostimulator pulse generator, dual array, nonrechargeable, includes extension	Procedure	HCPCS
L8689	External recharging system for battery (internal) for use with implantable neurostimulator, replacement only	Procedure	HCPCS
M1A.10X0	Lead-induced chronic gout, unspecified site, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.10X1	Lead-induced chronic gout, unspecified site, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1110	Lead-induced chronic gout, right shoulder, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1111	Lead-induced chronic gout, right shoulder, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1120	Lead-induced chronic gout, left shoulder, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1121	Lead-induced chronic gout, left shoulder, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1190	Lead-induced chronic gout, unspecified shoulder, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1191	Lead-induced chronic gout, unspecified shoulder, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1210	Lead-induced chronic gout, right elbow, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1211	Lead-induced chronic gout, right elbow, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1220	Lead-induced chronic gout, left elbow, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1221	Lead-induced chronic gout, left elbow, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1290	Lead-induced chronic gout, unspecified elbow, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1291	Lead-induced chronic gout, unspecified elbow, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1310	Lead-induced chronic gout, right wrist, without tophus (tophi)	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
M1A.1311	Lead-induced chronic gout, right wrist, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1320	Lead-induced chronic gout, left wrist, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1321	Lead-induced chronic gout, left wrist, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1390	Lead-induced chronic gout, unspecified wrist, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1391	Lead-induced chronic gout, unspecified wrist, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1410	Lead-induced chronic gout, right hand, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1411	Lead-induced chronic gout, right hand, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1420	Lead-induced chronic gout, left hand, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1421	Lead-induced chronic gout, left hand, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1490	Lead-induced chronic gout, unspecified hand, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1491	Lead-induced chronic gout, unspecified hand, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1510	Lead-induced chronic gout, right hip, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1511	Lead-induced chronic gout, right hip, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1520	Lead-induced chronic gout, left hip, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1521	Lead-induced chronic gout, left hip, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1590	Lead-induced chronic gout, unspecified hip, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1591	Lead-induced chronic gout, unspecified hip, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1610	Lead-induced chronic gout, right knee, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1611	Lead-induced chronic gout, right knee, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1620	Lead-induced chronic gout, left knee, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1621	Lead-induced chronic gout, left knee, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1690	Lead-induced chronic gout, unspecified knee, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1691	Lead-induced chronic gout, unspecified knee, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1710	Lead-induced chronic gout, right ankle and foot, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1711	Lead-induced chronic gout, right ankle and foot, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1720	Lead-induced chronic gout, left ankle and foot, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1721	Lead-induced chronic gout, left ankle and foot, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1790	Lead-induced chronic gout, unspecified ankle and foot, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.1791	Lead-induced chronic gout, unspecified ankle and foot, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.18X0	Lead-induced chronic gout, vertebrae, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.18X1	Lead-induced chronic gout, vertebrae, with tophus (tophi)	Diagnosis	ICD-10-CM
M1A.19X0	Lead-induced chronic gout, multiple sites, without tophus (tophi)	Diagnosis	ICD-10-CM
M1A.19X1	Lead-induced chronic gout, multiple sites, with tophus (tophi)	Diagnosis	ICD-10-CM
O35.5XX0	Maternal care for (suspected) damage to fetus by drugs, not applicable or unspecified	Diagnosis	ICD-10-CM
O35.5XX1	Maternal care for (suspected) damage to fetus by drugs, fetus 1	Diagnosis	ICD-10-CM
O35.5XX2	Maternal care for (suspected) damage to fetus by drugs, fetus 2	Diagnosis	ICD-10-CM
O35.5XX3	Maternal care for (suspected) damage to fetus by drugs, fetus 3	Diagnosis	ICD-10-CM
O35.5XX4	Maternal care for (suspected) damage to fetus by drugs, fetus 4	Diagnosis	ICD-10-CM
O35.5XX5	Maternal care for (suspected) damage to fetus by drugs, fetus 5	Diagnosis	ICD-10-CM
O35.5XX9	Maternal care for (suspected) damage to fetus by drugs, other fetus	Diagnosis	ICD-10-CM
O90.6	Postpartum mood disturbance	Diagnosis	ICD-10-CM
O99.310	Alcohol use complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.311	Alcohol use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
O99.312	Alcohol use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.313	Alcohol use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.314	Alcohol use complicating childbirth	Diagnosis	ICD-10-CM
O99.315	Alcohol use complicating the puerperium	Diagnosis	ICD-10-CM
O99.320	Drug use complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.321	Drug use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.322	Drug use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.323	Drug use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.324	Drug use complicating childbirth	Diagnosis	ICD-10-CM
O99.325	Drug use complicating the puerperium	Diagnosis	ICD-10-CM
Q9991	Injection, buprenorphine extended-release (Sublocade), less than or equal to 100 mg	Procedure	HCPCS
Q9992	Injection, buprenorphine extended-release (Sublocade), greater than 100 mg	Procedure	HCPCS
R37	Sexual dysfunction, unspecified	Diagnosis	ICD-10-CM
R44.0	Auditory hallucinations	Diagnosis	ICD-10-CM
R44.2	Other hallucinations	Diagnosis	ICD-10-CM
R44.3	Hallucinations, unspecified	Diagnosis	ICD-10-CM
R45.1	Restlessness and agitation	Diagnosis	ICD-10-CM
R45.2	Unhappiness	Diagnosis	ICD-10-CM
R45.3	Demoralization and apathy	Diagnosis	ICD-10-CM
R45.4	Irritability and anger	Diagnosis	ICD-10-CM
R45.5	Hostility	Diagnosis	ICD-10-CM
R45.6	Violent behavior	Diagnosis	ICD-10-CM
R45.7	State of emotional shock and stress, unspecified	Diagnosis	ICD-10-CM
R45.81	Low self-esteem	Diagnosis	ICD-10-CM
R45.82	Worries	Diagnosis	ICD-10-CM
R45.83	Excessive crying of child, adolescent or adult	Diagnosis	ICD-10-CM
R45.84	Anhedonia	Diagnosis	ICD-10-CM
R45.850	Homicidal ideations	Diagnosis	ICD-10-CM
R45.851	Suicidal ideations	Diagnosis	ICD-10-CM
R45.86	Emotional lability	Diagnosis	ICD-10-CM
R45.89	Other symptoms and signs involving emotional state	Diagnosis	ICD-10-CM
R46.0	Very low level of personal hygiene	Diagnosis	ICD-10-CM
R46.1	Bizarre personal appearance	Diagnosis	ICD-10-CM
R46.2	Strange and inexplicable behavior	Diagnosis	ICD-10-CM
R46.3	Overactivity	Diagnosis	ICD-10-CM
R46.4	Slowness and poor responsiveness	Diagnosis	ICD-10-CM
R46.5	Suspiciousness and marked evasiveness	Diagnosis	ICD-10-CM
R46.6	Undue concern and preoccupation with stressful events	Diagnosis	ICD-10-CM
R46.7	Verbosity and circumstantial detail obscuring reason for contact	Diagnosis	ICD-10-CM
R46.81	Obsessive-compulsive behavior	Diagnosis	ICD-10-CM
R46.89	Other symptoms and signs involving appearance and behavior	Diagnosis	ICD-10-CM
R48.0	Dyslexia and alexia	Diagnosis	ICD-10-CM
S0109	Methadone, oral, 5 mg	Procedure	HCPCS

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

Code	Description	Code Category	Code Type
T1006	Alcohol and/or substance abuse services, family/couple counseling	Procedure	HCPCS
T1007	Alcohol and/or substance abuse services, treatment plan development and/or modification	Procedure	HCPCS
T1008	Day treatment for individual alcohol and/or substance abuse services	Procedure	HCPCS
T1010	Meals for individuals receiving alcohol and/or substance abuse services (when meals not included in the program)	Procedure	HCPCS
T1012	Alcohol and/or substance abuse services, skills development	Procedure	HCPCS
T14.91	Suicide attempt	Diagnosis	ICD-10-CM
T14.91XA	Suicide attempt, initial encounter	Diagnosis	ICD-10-CM
T14.91XD	Suicide attempt, subsequent encounter	Diagnosis	ICD-10-CM
T14.91XS	Suicide attempt, sequela	Diagnosis	ICD-10-CM
T36.0X1A	Poisoning by penicillins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.0X2A	Poisoning by penicillins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.0X2D	Poisoning by penicillins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.0X2S	Poisoning by penicillins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.0X3A	Poisoning by penicillins, assault, initial encounter	Diagnosis	ICD-10-CM
T36.0X4A	Poisoning by penicillins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.1X1A	Poisoning by cephalosporins and other beta-lactam antibiotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.1X2A	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.1X2D	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.1X2S	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.1X3A	Poisoning by cephalosporins and other beta-lactam antibiotics, assault, initial encounter	Diagnosis	ICD-10-CM
T36.1X4A	Poisoning by cephalosporins and other beta-lactam antibiotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.2X1A	Poisoning by chloramphenicol group, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.2X2A	Poisoning by chloramphenicol group, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.2X2D	Poisoning by chloramphenicol group, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.2X2S	Poisoning by chloramphenicol group, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.2X3A	Poisoning by chloramphenicol group, assault, initial encounter	Diagnosis	ICD-10-CM
T36.2X4A	Poisoning by chloramphenicol group, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.3X1A	Poisoning by macrolides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.3X2A	Poisoning by macrolides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.3X2D	Poisoning by macrolides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.3X2S	Poisoning by macrolides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.3X3A	Poisoning by macrolides, assault, initial encounter	Diagnosis	ICD-10-CM
T36.3X4A	Poisoning by macrolides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.4X1A	Poisoning by tetracyclines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T36.4X2A	Poisoning by tetracyclines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.4X2D	Poisoning by tetracyclines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.4X2S	Poisoning by tetracyclines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.4X3A	Poisoning by tetracyclines, assault, initial encounter	Diagnosis	ICD-10-CM
T36.4X4A	Poisoning by tetracyclines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.5X1A	Poisoning by aminoglycosides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.5X2A	Poisoning by aminoglycosides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.5X2D	Poisoning by aminoglycosides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.5X2S	Poisoning by aminoglycosides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.5X3A	Poisoning by aminoglycosides, assault, initial encounter	Diagnosis	ICD-10-CM
T36.5X4A	Poisoning by aminoglycosides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.6X1A	Poisoning by rifampicins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.6X2A	Poisoning by rifampicins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.6X2D	Poisoning by rifampicins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.6X2S	Poisoning by rifampicins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.6X3A	Poisoning by rifampicins, assault, initial encounter	Diagnosis	ICD-10-CM
T36.6X4A	Poisoning by rifampicins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.7X1A	Poisoning by antifungal antibiotics, systemically used, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.7X2A	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.7X2D	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.7X2S	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.7X3A	Poisoning by antifungal antibiotics, systemically used, assault, initial encounter	Diagnosis	ICD-10-CM
T36.7X4A	Poisoning by antifungal antibiotics, systemically used, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.8X1A	Poisoning by other systemic antibiotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.8X2A	Poisoning by other systemic antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.8X2D	Poisoning by other systemic antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.8X2S	Poisoning by other systemic antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.8X3A	Poisoning by other systemic antibiotics, assault, initial encounter	Diagnosis	ICD-10-CM
T36.8X4A	Poisoning by other systemic antibiotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T36.91XA	Poisoning by unspecified systemic antibiotic, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T36.92XA	Poisoning by unspecified systemic antibiotic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.92XD	Poisoning by unspecified systemic antibiotic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.92XS	Poisoning by unspecified systemic antibiotic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.93XA	Poisoning by unspecified systemic antibiotic, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T36.94XA	Poisoning by unspecified systemic antibiotic, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.0X1A	Poisoning by sulfonamides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.0X2A	Poisoning by sulfonamides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.0X2D	Poisoning by sulfonamides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.0X2S	Poisoning by sulfonamides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.0X3A	Poisoning by sulfonamides, assault, initial encounter	Diagnosis	ICD-10-CM
T37.0X4A	Poisoning by sulfonamides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.1X1A	Poisoning by antimycobacterial drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.1X2A	Poisoning by antimycobacterial drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.1X2D	Poisoning by antimycobacterial drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.1X2S	Poisoning by antimycobacterial drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.1X3A	Poisoning by antimycobacterial drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T37.1X4A	Poisoning by antimycobacterial drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.2X1A	Poisoning by antimalarials and drugs acting on other blood protozoa, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.2X2A	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.2X2D	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.2X2S	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.2X3A	Poisoning by antimalarials and drugs acting on other blood protozoa, assault, initial encounter	Diagnosis	ICD-10-CM
T37.2X4A	Poisoning by antimalarials and drugs acting on other blood protozoa, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.3X1A	Poisoning by other antiprotozoal drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.3X2A	Poisoning by other antiprotozoal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.3X2D	Poisoning by other antiprotozoal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.3X2S	Poisoning by other antiprotozoal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.3X3A	Poisoning by other antiprotozoal drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T37.3X4A	Poisoning by other antiprotozoal drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.4X1A	Poisoning by anthelmintics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.4X2A	Poisoning by anthelmintics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.4X2D	Poisoning by anthelmintics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.4X2S	Poisoning by anthelmintics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.4X3A	Poisoning by anthelmintics, assault, initial encounter	Diagnosis	ICD-10-CM
T37.4X4A	Poisoning by anthelmintics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.5X1A	Poisoning by antiviral drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.5X2A	Poisoning by antiviral drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.5X2D	Poisoning by antiviral drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T37.5X2S	Poisoning by antiviral drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.5X3A	Poisoning by antiviral drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T37.5X4A	Poisoning by antiviral drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.8X1A	Poisoning by other specified systemic anti-infectives and antiparasitics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.8X2A	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.8X2D	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.8X2S	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.8X3A	Poisoning by other specified systemic anti-infectives and antiparasitics, assault, initial encounter	Diagnosis	ICD-10-CM
T37.8X4A	Poisoning by other specified systemic anti-infectives and antiparasitics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T37.91XA	Poisoning by unspecified systemic anti-infective and antiparasitics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T37.92XA	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.92XD	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.92XS	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.93XA	Poisoning by unspecified systemic anti-infective and antiparasitics, assault, initial encounter	Diagnosis	ICD-10-CM
T37.94XA	Poisoning by unspecified systemic anti-infective and antiparasitics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.0X1A	Poisoning by glucocorticoids and synthetic analogues, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.0X2A	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.0X2D	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.0X2S	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.0X3A	Poisoning by glucocorticoids and synthetic analogues, assault, initial encounter	Diagnosis	ICD-10-CM
T38.0X4A	Poisoning by glucocorticoids and synthetic analogues, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.1X1A	Poisoning by thyroid hormones and substitutes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.1X2A	Poisoning by thyroid hormones and substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.1X2D	Poisoning by thyroid hormones and substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T38.1X2S	Poisoning by thyroid hormones and substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.1X3A	Poisoning by thyroid hormones and substitutes, assault, initial encounter	Diagnosis	ICD-10-CM
T38.1X4A	Poisoning by thyroid hormones and substitutes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.2X1A	Poisoning by antithyroid drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.2X2A	Poisoning by antithyroid drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.2X2D	Poisoning by antithyroid drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.2X2S	Poisoning by antithyroid drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.2X3A	Poisoning by antithyroid drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T38.2X4A	Poisoning by antithyroid drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.3X1A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.3X2A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.3X2D	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.3X2S	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.3X3A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T38.3X4A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.4X1A	Poisoning by oral contraceptives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.4X2A	Poisoning by oral contraceptives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.4X2D	Poisoning by oral contraceptives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.4X2S	Poisoning by oral contraceptives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.4X3A	Poisoning by oral contraceptives, assault, initial encounter	Diagnosis	ICD-10-CM
T38.4X4A	Poisoning by oral contraceptives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.5X1A	Poisoning by other estrogens and progestogens, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.5X2A	Poisoning by other estrogens and progestogens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.5X2D	Poisoning by other estrogens and progestogens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.5X2S	Poisoning by other estrogens and progestogens, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.5X3A	Poisoning by other estrogens and progestogens, assault, initial encounter	Diagnosis	ICD-10-CM
T38.5X4A	Poisoning by other estrogens and progestogens, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.6X1A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.6X2A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.6X2D	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T38.6X2S	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.6X3A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, assault, initial encounter	Diagnosis	ICD-10-CM
T38.6X4A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.7X1A	Poisoning by androgens and anabolic congeners, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.7X2A	Poisoning by androgens and anabolic congeners, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.7X2D	Poisoning by androgens and anabolic congeners, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.7X2S	Poisoning by androgens and anabolic congeners, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.7X3A	Poisoning by androgens and anabolic congeners, assault, initial encounter	Diagnosis	ICD-10-CM
T38.7X4A	Poisoning by androgens and anabolic congeners, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.801A	Poisoning by unspecified hormones and synthetic substitutes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.802A	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.802D	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.802S	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.803A	Poisoning by unspecified hormones and synthetic substitutes, assault, initial encounter	Diagnosis	ICD-10-CM
T38.804A	Poisoning by unspecified hormones and synthetic substitutes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.811A	Poisoning by anterior pituitary [adenohypophyseal] hormones, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.812A	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.812D	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.812S	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.813A	Poisoning by anterior pituitary [adenohypophyseal] hormones, assault, initial encounter	Diagnosis	ICD-10-CM
T38.814A	Poisoning by anterior pituitary [adenohypophyseal] hormones, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.891A	Poisoning by other hormones and synthetic substitutes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.892A	Poisoning by other hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T38.892D	Poisoning by other hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.892S	Poisoning by other hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.893A	Poisoning by other hormones and synthetic substitutes, assault, initial encounter	Diagnosis	ICD-10-CM
T38.894A	Poisoning by other hormones and synthetic substitutes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.901A	Poisoning by unspecified hormone antagonists, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.902A	Poisoning by unspecified hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.902D	Poisoning by unspecified hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.902S	Poisoning by unspecified hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.903A	Poisoning by unspecified hormone antagonists, assault, initial encounter	Diagnosis	ICD-10-CM
T38.904A	Poisoning by unspecified hormone antagonists, undetermined, initial encounter	Diagnosis	ICD-10-CM
T38.991A	Poisoning by other hormone antagonists, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T38.992A	Poisoning by other hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.992D	Poisoning by other hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.992S	Poisoning by other hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.993A	Poisoning by other hormone antagonists, assault, initial encounter	Diagnosis	ICD-10-CM
T38.994A	Poisoning by other hormone antagonists, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.011A	Poisoning by aspirin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.012A	Poisoning by aspirin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.012D	Poisoning by aspirin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.012S	Poisoning by aspirin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.013A	Poisoning by aspirin, assault, initial encounter	Diagnosis	ICD-10-CM
T39.014A	Poisoning by aspirin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.091A	Poisoning by salicylates, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.092A	Poisoning by salicylates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.092D	Poisoning by salicylates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.092S	Poisoning by salicylates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.093A	Poisoning by salicylates, assault, initial encounter	Diagnosis	ICD-10-CM
T39.094A	Poisoning by salicylates, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.1X1A	Poisoning by 4-Aminophenol derivatives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.1X2A	Poisoning by 4-Aminophenol derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.1X2D	Poisoning by 4-Aminophenol derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.1X2S	Poisoning by 4-Aminophenol derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T39.1X3A	Poisoning by 4-Aminophenol derivatives, assault, initial encounter	Diagnosis	ICD-10-CM
T39.1X4A	Poisoning by 4-Aminophenol derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.2X1A	Poisoning by pyrazolone derivatives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.2X2A	Poisoning by pyrazolone derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.2X2D	Poisoning by pyrazolone derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.2X2S	Poisoning by pyrazolone derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.2X3A	Poisoning by pyrazolone derivatives, assault, initial encounter	Diagnosis	ICD-10-CM
T39.2X4A	Poisoning by pyrazolone derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.311A	Poisoning by propionic acid derivatives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.312A	Poisoning by propionic acid derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.312D	Poisoning by propionic acid derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.312S	Poisoning by propionic acid derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.313A	Poisoning by propionic acid derivatives, assault, initial encounter	Diagnosis	ICD-10-CM
T39.314A	Poisoning by propionic acid derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.391A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.392A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.392D	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.392S	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.393A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], assault, initial encounter	Diagnosis	ICD-10-CM
T39.394A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.4X1A	Poisoning by antirheumatics, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.4X2A	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.4X2D	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.4X2S	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.4X3A	Poisoning by antirheumatics, not elsewhere classified, assault, initial encounter	Diagnosis	ICD-10-CM
T39.4X4A	Poisoning by antirheumatics, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.8X1A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T39.8X2A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.8X2D	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.8X2S	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.8X3A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, assault, initial encounter	Diagnosis	ICD-10-CM
T39.8X4A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T39.91XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T39.92XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.92XD	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.92XS	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.93XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, assault, initial encounter	Diagnosis	ICD-10-CM
T39.94XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.0X1D	Poisoning by opium, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.0X1S	Poisoning by opium, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.0X3A	Poisoning by opium, assault, initial encounter	Diagnosis	ICD-10-CM
T40.0X3D	Poisoning by opium, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X3S	Poisoning by opium, assault, sequela	Diagnosis	ICD-10-CM
T40.0X4A	Poisoning by opium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X4D	Poisoning by opium, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X4S	Poisoning by opium, undetermined, sequela	Diagnosis	ICD-10-CM
T40.0X5A	Adverse effect of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X5D	Adverse effect of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X5S	Adverse effect of opium, sequela	Diagnosis	ICD-10-CM
T40.0X6A	Underdosing of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X6D	Underdosing of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X6S	Underdosing of opium, sequela	Diagnosis	ICD-10-CM
T40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.1X2A	Poisoning by heroin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T40.1X2D	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
T40.1X5A	Adverse effect of heroin, initial encounter	Diagnosis	ICD-10-CM
T40.1X5D	Adverse effect of heroin, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X5S	Adverse effect of heroin, sequela	Diagnosis	ICD-10-CM
T40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.2X2A	Poisoning by other opioids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.2X2D	Poisoning by other opioids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X2S	Poisoning by other opioids, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.2X3A	Poisoning by other opioids, assault, initial encounter	Diagnosis	ICD-10-CM
T40.2X4A	Poisoning by other opioids, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.3X2A	Poisoning by methadone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.3X2D	Poisoning by methadone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X2S	Poisoning by methadone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.3X3A	Poisoning by methadone, assault, initial encounter	Diagnosis	ICD-10-CM
T40.3X4A	Poisoning by methadone, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.4X1A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.4X3A	Poisoning by other synthetic narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.4X4A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.5X1A	Poisoning by cocaine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.5X1D	Poisoning by cocaine, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.5X1S	Poisoning by cocaine, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.5X2A	Poisoning by cocaine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.5X2D	Poisoning by cocaine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X2S	Poisoning by cocaine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.5X3A	Poisoning by cocaine, assault, initial encounter	Diagnosis	ICD-10-CM
T40.5X3D	Poisoning by cocaine, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X3S	Poisoning by cocaine, assault, sequela	Diagnosis	ICD-10-CM
T40.5X4A	Poisoning by cocaine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.5X4D	Poisoning by cocaine, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X4S	Poisoning by cocaine, undetermined, sequela	Diagnosis	ICD-10-CM
T40.5X5A	Adverse effect of cocaine, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T40.5X5D	Adverse effect of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X5S	Adverse effect of cocaine, sequela	Diagnosis	ICD-10-CM
T40.5X6A	Underdosing of cocaine, initial encounter	Diagnosis	ICD-10-CM
T40.5X6D	Underdosing of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X6S	Underdosing of cocaine, sequela	Diagnosis	ICD-10-CM
T40.601A	Poisoning by unspecified narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.602A	Poisoning by unspecified narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.602D	Poisoning by unspecified narcotics, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T40.602S	Poisoning by unspecified narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.603A	Poisoning by unspecified narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.604A	Poisoning by unspecified narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.692A	Poisoning by other narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.692D	Poisoning by other narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.692S	Poisoning by other narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.693A	Poisoning by other narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.694A	Poisoning by other narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.7X1A	Poisoning by cannabis (derivatives), accidental (unintentional), initial	Diagnosis	ICD-10-CM
T40.7X1D	Poisoning by cannabis (derivatives), accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X1S	Poisoning by cannabis (derivatives), accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.7X2A	Poisoning by cannabis (derivatives), intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.7X2D	Poisoning by cannabis (derivatives), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X2S	Poisoning by cannabis (derivatives), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.7X3A	Poisoning by cannabis (derivatives), assault, initial encounter	Diagnosis	ICD-10-CM
T40.7X3D	Poisoning by cannabis (derivatives), assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X3S	Poisoning by cannabis (derivatives), assault, sequela	Diagnosis	ICD-10-CM
T40.7X4A	Poisoning by cannabis (derivatives), undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.7X4D	Poisoning by cannabis (derivatives), undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X4S	Poisoning by cannabis (derivatives), undetermined, sequela	Diagnosis	ICD-10-CM
T40.7X5A	Adverse effect of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM
T40.7X5D	Adverse effect of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X5S	Adverse effect of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
T40.7X6A	Underdosing of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM
T40.7X6D	Underdosing of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X6S	Underdosing of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
T40.8X1A	Poisoning by lysergide [LSD], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.8X1D	Poisoning by lysergide [LSD], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.8X1S	Poisoning by lysergide [LSD], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.8X2A	Poisoning by lysergide [LSD], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.8X2D	Poisoning by lysergide [LSD], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X2S	Poisoning by lysergide [LSD], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.8X3A	Poisoning by lysergide [LSD], assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T40.8X3D	Poisoning by lysergide [LSD], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X3S	Poisoning by lysergide [LSD], assault, sequela	Diagnosis	ICD-10-CM
T40.8X4A	Poisoning by lysergide [LSD], undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.8X4D	Poisoning by lysergide [LSD], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X4S	Poisoning by lysergide [LSD], undetermined, sequela	Diagnosis	ICD-10-CM
T40.8X5A	Adverse effect of lysergide [LSD], initial encounter	Diagnosis	ICD-10-CM
T40.8X5D	Adverse effect of lysergide [LSD], subsequent encounter	Diagnosis	ICD-10-CM
T40.8X5S	Adverse effect of lysergide [LSD], sequela	Diagnosis	ICD-10-CM
T40.901A	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.901D	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.901S	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.902A	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.902D	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.902S	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.903A	Poisoning by unspecified psychodysleptics [hallucinogens], assault, initial encounter	Diagnosis	ICD-10-CM
T40.903D	Poisoning by unspecified psychodysleptics [hallucinogens], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.903S	Poisoning by unspecified psychodysleptics [hallucinogens], assault, sequela	Diagnosis	ICD-10-CM
T40.904A	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.904D	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.904S	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, sequela	Diagnosis	ICD-10-CM
T40.905A	Adverse effect of unspecified psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.905D	Adverse effect of unspecified psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.905S	Adverse effect of unspecified psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.906A	Underdosing of unspecified psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.906D	Underdosing of unspecified psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.906S	Underdosing of unspecified psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.991A	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.991D	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T40.991S	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.992A	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.992D	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.992S	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.993A	Poisoning by other psychodysleptics [hallucinogens], assault, initial encounter	Diagnosis	ICD-10-CM
T40.993D	Poisoning by other psychodysleptics [hallucinogens], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.993S	Poisoning by other psychodysleptics [hallucinogens], assault, sequela	Diagnosis	ICD-10-CM
T40.994A	Poisoning by other psychodysleptics [hallucinogens], undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.994D	Poisoning by other psychodysleptics [hallucinogens], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.994S	Poisoning by other psychodysleptics [hallucinogens], undetermined, sequela	Diagnosis	ICD-10-CM
T40.995A	Adverse effect of other psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.995D	Adverse effect of other psychodysleptics [hallucinogens], subsequent	Diagnosis	ICD-10-CM
T40.995S	Adverse effect of other psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.996A	Underdosing of other psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.996D	Underdosing of other psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.996S	Underdosing of other psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T41.0X1A	Poisoning by inhaled anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.0X2A	Poisoning by inhaled anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.0X2D	Poisoning by inhaled anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.0X2S	Poisoning by inhaled anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.0X3A	Poisoning by inhaled anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.0X4A	Poisoning by inhaled anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.1X1A	Poisoning by intravenous anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.1X2A	Poisoning by intravenous anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.1X2D	Poisoning by intravenous anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.1X2S	Poisoning by intravenous anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.1X3A	Poisoning by intravenous anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.1X4A	Poisoning by intravenous anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.201A	Poisoning by unspecified general anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.202A	Poisoning by unspecified general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.202D	Poisoning by unspecified general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.202S	Poisoning by unspecified general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T41.203A	Poisoning by unspecified general anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.204A	Poisoning by unspecified general anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.291A	Poisoning by other general anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.292A	Poisoning by other general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.292D	Poisoning by other general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.292S	Poisoning by other general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.293A	Poisoning by other general anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.294A	Poisoning by other general anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.3X1A	Poisoning by local anesthetics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.3X2A	Poisoning by local anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.3X2D	Poisoning by local anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.3X2S	Poisoning by local anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.3X3A	Poisoning by local anesthetics, assault, initial encounter	Diagnosis	ICD-10-CM
T41.3X4A	Poisoning by local anesthetics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.41XA	Poisoning by unspecified anesthetic, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T41.42XA	Poisoning by unspecified anesthetic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.42XD	Poisoning by unspecified anesthetic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.42XS	Poisoning by unspecified anesthetic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.43XA	Poisoning by unspecified anesthetic, assault, initial encounter	Diagnosis	ICD-10-CM
T41.44XA	Poisoning by unspecified anesthetic, undetermined, initial encounter	Diagnosis	ICD-10-CM
T41.5X2A	Poisoning by therapeutic gases, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.5X2D	Poisoning by therapeutic gases, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.5X2S	Poisoning by therapeutic gases, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.0X1A	Poisoning by hydantoin derivatives, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.0X2A	Poisoning by hydantoin derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.0X2D	Poisoning by hydantoin derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.0X2S	Poisoning by hydantoin derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.0X3A	Poisoning by hydantoin derivatives, assault, initial encounter	Diagnosis	ICD-10-CM
T42.0X4A	Poisoning by hydantoin derivatives, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.1X1A	Poisoning by iminostilbenes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.1X2A	Poisoning by iminostilbenes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.1X2D	Poisoning by iminostilbenes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.1X2S	Poisoning by iminostilbenes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.1X3A	Poisoning by iminostilbenes, assault, initial encounter	Diagnosis	ICD-10-CM
T42.1X4A	Poisoning by iminostilbenes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.2X1A	Poisoning by succinimides and oxazolidinediones, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.2X2A	Poisoning by succinimides and oxazolidinediones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T42.2X2D	Poisoning by succinimides and oxazolidinediones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.2X2S	Poisoning by succinimides and oxazolidinediones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.2X3A	Poisoning by succinimides and oxazolidinediones, assault, initial encounter	Diagnosis	ICD-10-CM
T42.2X4A	Poisoning by succinimides and oxazolidinediones, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.3X1A	Poisoning by barbiturates, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.3X2A	Poisoning by barbiturates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.3X2D	Poisoning by barbiturates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.3X2S	Poisoning by barbiturates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.3X3A	Poisoning by barbiturates, assault, initial encounter	Diagnosis	ICD-10-CM
T42.3X4A	Poisoning by barbiturates, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.4X1A	Poisoning by benzodiazepines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.4X2A	Poisoning by benzodiazepines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.4X2D	Poisoning by benzodiazepines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.4X2S	Poisoning by benzodiazepines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.4X3A	Poisoning by benzodiazepines, assault, initial encounter	Diagnosis	ICD-10-CM
T42.4X4A	Poisoning by benzodiazepines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.5X1A	Poisoning by mixed antiepileptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.5X2A	Poisoning by mixed antiepileptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.5X2D	Poisoning by mixed antiepileptics, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T42.5X2S	Poisoning by mixed antiepileptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.5X3A	Poisoning by mixed antiepileptics, assault, initial encounter	Diagnosis	ICD-10-CM
T42.5X4A	Poisoning by mixed antiepileptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.6X1A	Poisoning by other antiepileptic and sedative-hypnotic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.6X2A	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.6X2D	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.6X2S	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.6X3A	Poisoning by other antiepileptic and sedative-hypnotic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T42.6X4A	Poisoning by other antiepileptic and sedative-hypnotic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.71XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.72XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.72XD	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.72XS	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T42.73XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T42.74XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T42.8X1A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T42.8X2A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.8X2D	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.8X2S	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.8X3A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, assault, initial encounter	Diagnosis	ICD-10-CM
T42.8X4A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.011A	Poisoning by tricyclic antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.012A	Poisoning by tricyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.012D	Poisoning by tricyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.012S	Poisoning by tricyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.013A	Poisoning by tricyclic antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.014A	Poisoning by tricyclic antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.021A	Poisoning by tetracyclic antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.022A	Poisoning by tetracyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.022D	Poisoning by tetracyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.022S	Poisoning by tetracyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.023A	Poisoning by tetracyclic antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.024A	Poisoning by tetracyclic antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.1X1A	Poisoning by monoamine-oxidase-inhibitor antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.1X2A	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.1X2D	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.1X2S	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.1X3A	Poisoning by monoamine-oxidase-inhibitor antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.1X4A	Poisoning by monoamine-oxidase-inhibitor antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
T43.201A	Poisoning by unspecified antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.202A	Poisoning by unspecified antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.202D	Poisoning by unspecified antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.202S	Poisoning by unspecified antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.203A	Poisoning by unspecified antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.204A	Poisoning by unspecified antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.211A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.212A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.212D	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.212S	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.213A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, assault, initial encounter	Diagnosis	ICD-10-CM
T43.214A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.221A	Poisoning by selective serotonin reuptake inhibitors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.222A	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.222D	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.222S	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.223A	Poisoning by selective serotonin reuptake inhibitors, assault, initial encounter	Diagnosis	ICD-10-CM
T43.224A	Poisoning by selective serotonin reuptake inhibitors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.291A	Poisoning by other antidepressants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.292A	Poisoning by other antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.292D	Poisoning by other antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.292S	Poisoning by other antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.293A	Poisoning by other antidepressants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.294A	Poisoning by other antidepressants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.3X1A	Poisoning by phenothiazine antipsychotics and neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.3X2A	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T43.3X2D	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.3X2S	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.3X3A	Poisoning by phenothiazine antipsychotics and neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.3X4A	Poisoning by phenothiazine antipsychotics and neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.4X1A	Poisoning by butyrophenone and thiothixene neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.4X2A	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.4X2D	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.4X2S	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.4X3A	Poisoning by butyrophenone and thiothixene neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.4X4A	Poisoning by butyrophenone and thiothixene neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.501A	Poisoning by unspecified antipsychotics and neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.502A	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.502D	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.502S	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.503A	Poisoning by unspecified antipsychotics and neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.504A	Poisoning by unspecified antipsychotics and neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.591A	Poisoning by other antipsychotics and neuroleptics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.592A	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.592D	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.592S	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.593A	Poisoning by other antipsychotics and neuroleptics, assault, initial encounter	Diagnosis	ICD-10-CM
T43.594A	Poisoning by other antipsychotics and neuroleptics, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T43.601A	Poisoning by unspecified psychostimulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.602A	Poisoning by unspecified psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.602D	Poisoning by unspecified psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.602S	Poisoning by unspecified psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.603A	Poisoning by unspecified psychostimulants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.604A	Poisoning by unspecified psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.611A	Poisoning by caffeine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.612A	Poisoning by caffeine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.612D	Poisoning by caffeine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.612S	Poisoning by caffeine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.613A	Poisoning by caffeine, assault, initial encounter	Diagnosis	ICD-10-CM
T43.614A	Poisoning by caffeine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.621A	Poisoning by amphetamines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.622A	Poisoning by amphetamines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.622D	Poisoning by amphetamines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.622S	Poisoning by amphetamines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.623A	Poisoning by amphetamines, assault, initial encounter	Diagnosis	ICD-10-CM
T43.624A	Poisoning by amphetamines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.631A	Poisoning by methylphenidate, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.632A	Poisoning by methylphenidate, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.632D	Poisoning by methylphenidate, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.632S	Poisoning by methylphenidate, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.633A	Poisoning by methylphenidate, assault, initial encounter	Diagnosis	ICD-10-CM
T43.634A	Poisoning by methylphenidate, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.691A	Poisoning by other psychostimulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.692A	Poisoning by other psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.692D	Poisoning by other psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.692S	Poisoning by other psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.693A	Poisoning by other psychostimulants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.694A	Poisoning by other psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.8X1A	Poisoning by other psychotropic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.8X2A	Poisoning by other psychotropic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.8X2D	Poisoning by other psychotropic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.8X2S	Poisoning by other psychotropic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.8X3A	Poisoning by other psychotropic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T43.8X4A	Poisoning by other psychotropic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T43.91XA	Poisoning by unspecified psychotropic drug, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.92XA	Poisoning by unspecified psychotropic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.92XD	Poisoning by unspecified psychotropic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.92XS	Poisoning by unspecified psychotropic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.93XA	Poisoning by unspecified psychotropic drug, assault, initial encounter	Diagnosis	ICD-10-CM
T43.94XA	Poisoning by unspecified psychotropic drug, undetermined, initial encounter	Diagnosis	ICD-10-CM
T44.0X2A	Poisoning by anticholinesterase agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.0X2D	Poisoning by anticholinesterase agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.0X2S	Poisoning by anticholinesterase agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.1X2A	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.1X2D	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.1X2S	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.2X2A	Poisoning by ganglionic blocking drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.2X2D	Poisoning by ganglionic blocking drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.2X2S	Poisoning by ganglionic blocking drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.3X2A	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.3X2D	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.3X2S	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.4X2A	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.4X2D	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.4X2S	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.5X2A	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.5X2D	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.5X2S	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.6X2A	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T44.6X2D	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.6X2S	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.7X2A	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.7X2D	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.7X2S	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.8X2A	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.8X2D	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.8X2S	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.902A	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.902D	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.902S	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.992A	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.992D	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.992S	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.0X1A	Poisoning by antiallergic and antiemetic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.0X2A	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.0X2D	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.0X2S	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.0X3A	Poisoning by antiallergic and antiemetic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.0X4A	Poisoning by antiallergic and antiemetic drugs, undetermined, initial	Diagnosis	ICD-10-CM
T45.1X1A	Poisoning by antineoplastic and immunosuppressive drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.1X2A	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.1X2D	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.1X2S	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T45.1X3A	Poisoning by antineoplastic and immunosuppressive drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.1X4A	Poisoning by antineoplastic and immunosuppressive drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.2X1A	Poisoning by vitamins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.2X2A	Poisoning by vitamins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.2X2D	Poisoning by vitamins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.2X2S	Poisoning by vitamins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.2X3A	Poisoning by vitamins, assault, initial encounter	Diagnosis	ICD-10-CM
T45.2X4A	Poisoning by vitamins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.3X1A	Poisoning by enzymes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.3X2A	Poisoning by enzymes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.3X2D	Poisoning by enzymes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.3X2S	Poisoning by enzymes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.3X3A	Poisoning by enzymes, assault, initial encounter	Diagnosis	ICD-10-CM
T45.3X4A	Poisoning by enzymes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.4X1A	Poisoning by iron and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.4X2A	Poisoning by iron and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.4X2D	Poisoning by iron and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.4X2S	Poisoning by iron and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.4X3A	Poisoning by iron and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T45.4X4A	Poisoning by iron and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.511A	Poisoning by anticoagulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.512A	Poisoning by anticoagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.512D	Poisoning by anticoagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.512S	Poisoning by anticoagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.513A	Poisoning by anticoagulants, assault, initial encounter	Diagnosis	ICD-10-CM
T45.514A	Poisoning by anticoagulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.521A	Poisoning by antithrombotic drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.522A	Poisoning by antithrombotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.522D	Poisoning by antithrombotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.522S	Poisoning by antithrombotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.523A	Poisoning by antithrombotic drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.524A	Poisoning by antithrombotic drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.601A	Poisoning by unspecified fibrinolysis-affecting drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.602A	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.602D	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T45.602S	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.603A	Poisoning by unspecified fibrinolysis-affecting drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.604A	Poisoning by unspecified fibrinolysis-affecting drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.611A	Poisoning by thrombolytic drug, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.612A	Poisoning by thrombolytic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.612D	Poisoning by thrombolytic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.612S	Poisoning by thrombolytic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.613A	Poisoning by thrombolytic drug, assault, initial encounter	Diagnosis	ICD-10-CM
T45.614A	Poisoning by thrombolytic drug, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.621A	Poisoning by hemostatic drug, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.622A	Poisoning by hemostatic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.622D	Poisoning by hemostatic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.622S	Poisoning by hemostatic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.623A	Poisoning by hemostatic drug, assault, initial encounter	Diagnosis	ICD-10-CM
T45.624A	Poisoning by hemostatic drug, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.691A	Poisoning by other fibrinolysis-affecting drugs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.692A	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.692D	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.692S	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.693A	Poisoning by other fibrinolysis-affecting drugs, assault, initial encounter	Diagnosis	ICD-10-CM
T45.694A	Poisoning by other fibrinolysis-affecting drugs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.7X1A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.7X2A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.7X2D	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.7X2S	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.7X3A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, assault, initial encounter	Diagnosis	ICD-10-CM
T45.7X4A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.8X1A	Poisoning by other primarily systemic and hematological agents, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.8X2A	Poisoning by other primarily systemic and hematological agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.8X2D	Poisoning by other primarily systemic and hematological agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T45.8X2S	Poisoning by other primarily systemic and hematological agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.8X3A	Poisoning by other primarily systemic and hematological agents, assault, initial encounter	Diagnosis	ICD-10-CM
T45.8X4A	Poisoning by other primarily systemic and hematological agents, undetermined, initial encounter	Diagnosis	ICD-10-CM
T45.91XA	Poisoning by unspecified primarily systemic and hematological agent, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T45.92XA	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.92XD	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.92XS	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.93XA	Poisoning by unspecified primarily systemic and hematological agent, assault, initial encounter	Diagnosis	ICD-10-CM
T45.94XA	Poisoning by unspecified primarily systemic and hematological agent, undetermined, initial encounter	Diagnosis	ICD-10-CM
T46.0X2A	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.0X2D	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.0X2S	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.1X2A	Poisoning by calcium-channel blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.1X2D	Poisoning by calcium-channel blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.1X2S	Poisoning by calcium-channel blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.2X2A	Poisoning by other antidysrhythmic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.2X2D	Poisoning by other antidysrhythmic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.2X2S	Poisoning by other antidysrhythmic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.3X2A	Poisoning by coronary vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.3X2D	Poisoning by coronary vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.3X2S	Poisoning by coronary vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.4X2A	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.4X2D	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.4X2S	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T46.5X2A	Poisoning by other antihypertensive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.5X2D	Poisoning by other antihypertensive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.5X2S	Poisoning by other antihypertensive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.6X2A	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.6X2D	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.6X2S	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.7X2A	Poisoning by peripheral vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.7X2D	Poisoning by peripheral vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.7X2S	Poisoning by peripheral vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.8X2A	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.8X2D	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.8X2S	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.902A	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.902D	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.902S	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.992A	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.992D	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.992S	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.0X2A	Poisoning by histamine H2-receptor blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.0X2D	Poisoning by histamine H2-receptor blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.0X2S	Poisoning by histamine H2-receptor blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.1X2A	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.1X2D	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.1X2S	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T47.2X2A	Poisoning by stimulant laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.2X2D	Poisoning by stimulant laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.2X2S	Poisoning by stimulant laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.3X2A	Poisoning by saline and osmotic laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.3X2D	Poisoning by saline and osmotic laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.3X2S	Poisoning by saline and osmotic laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.4X2A	Poisoning by other laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.4X2D	Poisoning by other laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.4X2S	Poisoning by other laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.5X2A	Poisoning by digestants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.5X2D	Poisoning by digestants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.5X2S	Poisoning by digestants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.6X2A	Poisoning by antidiarrheal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.6X2D	Poisoning by antidiarrheal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.6X2S	Poisoning by antidiarrheal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.7X2A	Poisoning by emetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.7X2D	Poisoning by emetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.7X2S	Poisoning by emetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.8X2A	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.8X2D	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.8X2S	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.92XA	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.92XD	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.92XS	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.0X2A	Poisoning by oxytotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.0X2D	Poisoning by oxytotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.0X2S	Poisoning by oxytotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.1X2A	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.1X2D	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.1X2S	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.202A	Poisoning by unspecified drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T48.202D	Poisoning by unspecified drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.202S	Poisoning by unspecified drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.292A	Poisoning by other drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.292D	Poisoning by other drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.292S	Poisoning by other drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.3X2A	Poisoning by antitussives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.3X2D	Poisoning by antitussives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.3X2S	Poisoning by antitussives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.4X2A	Poisoning by expectorants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.4X2D	Poisoning by expectorants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.4X2S	Poisoning by expectorants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.5X2A	Poisoning by other anti-common-cold drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.5X2D	Poisoning by other anti-common-cold drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.5X2S	Poisoning by other anti-common-cold drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.6X2A	Poisoning by antiasthmatics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.6X2D	Poisoning by antiasthmatics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.6X2S	Poisoning by antiasthmatics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.902A	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.902D	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.902S	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.992A	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.992D	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.992S	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.0X2A	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.0X2D	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.0X2S	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.1X2A	Poisoning by antipruritics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.1X2D	Poisoning by antipruritics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.1X2S	Poisoning by antipruritics, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T49.2X2A	Poisoning by local astringents and local detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.2X2D	Poisoning by local astringents and local detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.2X2S	Poisoning by local astringents and local detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.3X2A	Poisoning by emollients, demulcents and protectants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.3X2D	Poisoning by emollients, demulcents and protectants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.3X2S	Poisoning by emollients, demulcents and protectants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.4X2A	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.4X2D	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.4X2S	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.5X2A	Poisoning by ophthalmological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.5X2D	Poisoning by ophthalmological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.5X2S	Poisoning by ophthalmological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.6X2A	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.6X2D	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.6X2S	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.7X2A	Poisoning by dental drugs, topically applied, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.7X2D	Poisoning by dental drugs, topically applied, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.7X2S	Poisoning by dental drugs, topically applied, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.8X2A	Poisoning by other topical agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.8X2D	Poisoning by other topical agents, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T49.8X2S	Poisoning by other topical agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.92XA	Poisoning by unspecified topical agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.92XD	Poisoning by unspecified topical agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.92XS	Poisoning by unspecified topical agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.0X1A	Poisoning by mineralocorticoids and their antagonists, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T50.0X2A	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.0X2D	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.0X2S	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.0X3A	Poisoning by mineralocorticoids and their antagonists, assault, initial	Diagnosis	ICD-10-CM
T50.0X4A	Poisoning by mineralocorticoids and their antagonists, undetermined, initial encounter	Diagnosis	ICD-10-CM
T50.1X2A	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, initial	Diagnosis	ICD-10-CM
T50.1X2D	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.1X2S	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.2X2A	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.2X2D	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.2X2S	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.3X2A	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.3X2D	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.3X2S	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.4X2A	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.4X2D	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.4X2S	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.5X2A	Poisoning by appetite depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.5X2D	Poisoning by appetite depressants, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T50.5X2S	Poisoning by appetite depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.6X2A	Poisoning by antidotes and chelating agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.6X2D	Poisoning by antidotes and chelating agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.6X2S	Poisoning by antidotes and chelating agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.7X2A	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.7X2D	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T50.7X2S	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.8X2A	Poisoning by diagnostic agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.8X2D	Poisoning by diagnostic agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.8X2S	Poisoning by diagnostic agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.902A	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.902D	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.902S	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.992A	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.992D	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.992S	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A12A	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A12D	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A12S	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A22A	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A22D	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A22S	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A92A	Poisoning by other bacterial vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A92D	Poisoning by other bacterial vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A92S	Poisoning by other bacterial vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B12A	Poisoning by smallpox vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.B12D	Poisoning by smallpox vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.B12S	Poisoning by smallpox vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B92A	Poisoning by other viral vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.B92D	Poisoning by other viral vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.B92S	Poisoning by other viral vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z11A	Poisoning by immunoglobulin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T50.Z12A	Poisoning by immunoglobulin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z12D	Poisoning by immunoglobulin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z12S	Poisoning by immunoglobulin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z13A	Poisoning by immunoglobulin, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T50.Z14A	Poisoning by immunoglobulin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T50.Z92A	Poisoning by other vaccines and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z92D	Poisoning by other vaccines and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z92S	Poisoning by other vaccines and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.0X1A	Toxic effect of ethanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.0X2A	Toxic effect of ethanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.0X2D	Toxic effect of ethanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X2S	Toxic effect of ethanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.0X3A	Toxic effect of ethanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.0X4A	Toxic effect of ethanol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.1X1A	Toxic effect of methanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.1X2A	Toxic effect of methanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.1X2D	Toxic effect of methanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.1X2S	Toxic effect of methanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.1X3A	Toxic effect of methanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.1X4A	Toxic effect of methanol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.2X1A	Toxic effect of 2-Propanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.2X2A	Toxic effect of 2-Propanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.2X2D	Toxic effect of 2-Propanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.2X2S	Toxic effect of 2-Propanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.2X3A	Toxic effect of 2-Propanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.2X4A	Toxic effect of 2-Propanol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.3X1A	Toxic effect of fusel oil, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.3X2A	Toxic effect of fusel oil, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.3X2D	Toxic effect of fusel oil, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.3X2S	Toxic effect of fusel oil, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.3X3A	Toxic effect of fusel oil, assault, initial encounter	Diagnosis	ICD-10-CM
T51.3X4A	Toxic effect of fusel oil, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.8X1A	Toxic effect of other alcohols, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.8X2A	Toxic effect of other alcohols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.8X2D	Toxic effect of other alcohols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.8X2S	Toxic effect of other alcohols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.8X3A	Toxic effect of other alcohols, assault, initial encounter	Diagnosis	ICD-10-CM
T51.8X4A	Toxic effect of other alcohols, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.91XA	Toxic effect of unspecified alcohol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.92XA	Toxic effect of unspecified alcohol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.92XD	Toxic effect of unspecified alcohol, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T51.92XS	Toxic effect of unspecified alcohol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.93XA	Toxic effect of unspecified alcohol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.94XA	Toxic effect of unspecified alcohol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.0X1A	Toxic effect of petroleum products, accidental (unintentional), initial	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T52.0X2A	Toxic effect of petroleum products, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.0X2D	Toxic effect of petroleum products, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T52.0X2S	Toxic effect of petroleum products, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.0X3A	Toxic effect of petroleum products, assault, initial encounter	Diagnosis	ICD-10-CM
T52.0X4A	Toxic effect of petroleum products, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.1X1A	Toxic effect of benzene, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.1X2A	Toxic effect of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.1X2D	Toxic effect of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.1X2S	Toxic effect of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.1X3A	Toxic effect of benzene, assault, initial encounter	Diagnosis	ICD-10-CM
T52.1X4A	Toxic effect of benzene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.2X1A	Toxic effect of homologues of benzene, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.2X2A	Toxic effect of homologues of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.2X2D	Toxic effect of homologues of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.2X2S	Toxic effect of homologues of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.2X3A	Toxic effect of homologues of benzene, assault, initial encounter	Diagnosis	ICD-10-CM
T52.2X4A	Toxic effect of homologues of benzene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.3X1A	Toxic effect of glycols, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.3X2A	Toxic effect of glycols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.3X2D	Toxic effect of glycols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.3X2S	Toxic effect of glycols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.3X3A	Toxic effect of glycols, assault, initial encounter	Diagnosis	ICD-10-CM
T52.3X4A	Toxic effect of glycols, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.4X1A	Toxic effect of ketones, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.4X2A	Toxic effect of ketones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.4X2D	Toxic effect of ketones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.4X2S	Toxic effect of ketones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.4X3A	Toxic effect of ketones, assault, initial encounter	Diagnosis	ICD-10-CM
T52.4X4A	Toxic effect of ketones, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.8X1A	Toxic effect of other organic solvents, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.8X2A	Toxic effect of other organic solvents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.8X2D	Toxic effect of other organic solvents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.8X2S	Toxic effect of other organic solvents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.8X3A	Toxic effect of other organic solvents, assault, initial encounter	Diagnosis	ICD-10-CM
T52.8X4A	Toxic effect of other organic solvents, undetermined, initial encounter	Diagnosis	ICD-10-CM
T52.91XA	Toxic effect of unspecified organic solvent, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T52.92XA	Toxic effect of unspecified organic solvent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T52.92XD	Toxic effect of unspecified organic solvent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.92XS	Toxic effect of unspecified organic solvent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.93XA	Toxic effect of unspecified organic solvent, assault, initial encounter	Diagnosis	ICD-10-CM
T52.94XA	Toxic effect of unspecified organic solvent, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.0X1A	Toxic effect of carbon tetrachloride, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T53.0X2A	Toxic effect of carbon tetrachloride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.0X2D	Toxic effect of carbon tetrachloride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.0X2S	Toxic effect of carbon tetrachloride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.0X3A	Toxic effect of carbon tetrachloride, assault, initial encounter	Diagnosis	ICD-10-CM
T53.0X4A	Toxic effect of carbon tetrachloride, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.1X1A	Toxic effect of chloroform, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.1X2A	Toxic effect of chloroform, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.1X2D	Toxic effect of chloroform, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.1X2S	Toxic effect of chloroform, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.1X3A	Toxic effect of chloroform, assault, initial encounter	Diagnosis	ICD-10-CM
T53.1X4A	Toxic effect of chloroform, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.2X1A	Toxic effect of trichloroethylene, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.2X2A	Toxic effect of trichloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.2X2D	Toxic effect of trichloroethylene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.2X2S	Toxic effect of trichloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.2X3A	Toxic effect of trichloroethylene, assault, initial encounter	Diagnosis	ICD-10-CM
T53.2X4A	Toxic effect of trichloroethylene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.3X1A	Toxic effect of tetrachloroethylene, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T53.3X2A	Toxic effect of tetrachloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.3X2D	Toxic effect of tetrachloroethylene, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T53.3X2S	Toxic effect of tetrachloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.3X3A	Toxic effect of tetrachloroethylene, assault, initial encounter	Diagnosis	ICD-10-CM
T53.3X4A	Toxic effect of tetrachloroethylene, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.4X1A	Toxic effect of dichloromethane, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.4X2A	Toxic effect of dichloromethane, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.4X2D	Toxic effect of dichloromethane, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.4X2S	Toxic effect of dichloromethane, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.4X3A	Toxic effect of dichloromethane, assault, initial encounter	Diagnosis	ICD-10-CM
T53.4X4A	Toxic effect of dichloromethane, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.5X1A	Toxic effect of chlorofluorocarbons, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T53.5X2A	Toxic effect of chlorofluorocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.5X2D	Toxic effect of chlorofluorocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.5X2S	Toxic effect of chlorofluorocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.5X3A	Toxic effect of chlorofluorocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.5X4A	Toxic effect of chlorofluorocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T53.6X1A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.6X2A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.6X2D	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.6X2S	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.6X3A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.6X4A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.7X1A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.7X2A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.7X2D	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.7X2S	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.7X3A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.7X4A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM
T53.91XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T53.92XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.92XD	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.92XS	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.93XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, assault, initial encounter	Diagnosis	ICD-10-CM
T53.94XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.0X1A	Toxic effect of phenol and phenol homologues, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.0X2A	Toxic effect of phenol and phenol homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.0X2D	Toxic effect of phenol and phenol homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.0X2S	Toxic effect of phenol and phenol homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.0X3A	Toxic effect of phenol and phenol homologues, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T54.0X4A	Toxic effect of phenol and phenol homologues, undetermined, initial	Diagnosis	ICD-10-CM
T54.1X1A	Toxic effect of other corrosive organic compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.1X2A	Toxic effect of other corrosive organic compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.1X2D	Toxic effect of other corrosive organic compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.1X2S	Toxic effect of other corrosive organic compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.1X3A	Toxic effect of other corrosive organic compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T54.1X4A	Toxic effect of other corrosive organic compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.2X1A	Toxic effect of corrosive acids and acid-like substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.2X2A	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.2X2D	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.2X2S	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.2X3A	Toxic effect of corrosive acids and acid-like substances, assault, initial encounter	Diagnosis	ICD-10-CM
T54.2X4A	Toxic effect of corrosive acids and acid-like substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.3X1A	Toxic effect of corrosive alkalis and alkali-like substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.3X2A	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.3X2D	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.3X2S	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.3X3A	Toxic effect of corrosive alkalis and alkali-like substances, assault, initial encounter	Diagnosis	ICD-10-CM
T54.3X4A	Toxic effect of corrosive alkalis and alkali-like substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.91XA	Toxic effect of unspecified corrosive substance, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.92XA	Toxic effect of unspecified corrosive substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.92XD	Toxic effect of unspecified corrosive substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.92XS	Toxic effect of unspecified corrosive substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.93XA	Toxic effect of unspecified corrosive substance, assault, initial encounter	Diagnosis	ICD-10-CM
T54.94XA	Toxic effect of unspecified corrosive substance, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T55.0X1A	Toxic effect of soaps, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T55.0X2A	Toxic effect of soaps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.0X2D	Toxic effect of soaps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.0X2S	Toxic effect of soaps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.0X3A	Toxic effect of soaps, assault, initial encounter	Diagnosis	ICD-10-CM
T55.0X4A	Toxic effect of soaps, undetermined, initial encounter	Diagnosis	ICD-10-CM
T55.1X1A	Toxic effect of detergents, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T55.1X2A	Toxic effect of detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.1X2D	Toxic effect of detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.1X2S	Toxic effect of detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.1X3A	Toxic effect of detergents, assault, initial encounter	Diagnosis	ICD-10-CM
T55.1X4A	Toxic effect of detergents, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.0X1A	Toxic effect of lead and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.0X2A	Toxic effect of lead and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.0X2D	Toxic effect of lead and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.0X2S	Toxic effect of lead and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.0X3A	Toxic effect of lead and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.0X4A	Toxic effect of lead and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.1X1A	Toxic effect of mercury and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.1X2A	Toxic effect of mercury and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.1X2D	Toxic effect of mercury and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.1X2S	Toxic effect of mercury and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.1X3A	Toxic effect of mercury and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.1X4A	Toxic effect of mercury and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.2X1A	Toxic effect of chromium and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.2X2A	Toxic effect of chromium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.2X2D	Toxic effect of chromium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.2X2S	Toxic effect of chromium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.2X3A	Toxic effect of chromium and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.2X4A	Toxic effect of chromium and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.3X1A	Toxic effect of cadmium and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.3X2A	Toxic effect of cadmium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.3X2D	Toxic effect of cadmium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T56.3X2S	Toxic effect of cadmium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.3X3A	Toxic effect of cadmium and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.3X4A	Toxic effect of cadmium and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.4X1A	Toxic effect of copper and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.4X2A	Toxic effect of copper and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.4X2D	Toxic effect of copper and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.4X2S	Toxic effect of copper and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.4X3A	Toxic effect of copper and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.4X4A	Toxic effect of copper and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.5X1A	Toxic effect of zinc and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.5X2A	Toxic effect of zinc and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.5X2D	Toxic effect of zinc and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.5X2S	Toxic effect of zinc and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.5X3A	Toxic effect of zinc and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.5X4A	Toxic effect of zinc and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.6X1A	Toxic effect of tin and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.6X2A	Toxic effect of tin and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.6X2D	Toxic effect of tin and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.6X2S	Toxic effect of tin and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.6X3A	Toxic effect of tin and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.6X4A	Toxic effect of tin and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.7X1A	Toxic effect of beryllium and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.7X2A	Toxic effect of beryllium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.7X2D	Toxic effect of beryllium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.7X2S	Toxic effect of beryllium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.7X3A	Toxic effect of beryllium and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T56.7X4A	Toxic effect of beryllium and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.811A	Toxic effect of thallium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.812A	Toxic effect of thallium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.812D	Toxic effect of thallium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.812S	Toxic effect of thallium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.813A	Toxic effect of thallium, assault, initial encounter	Diagnosis	ICD-10-CM
T56.814A	Toxic effect of thallium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.891A	Toxic effect of other metals, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T56.892A	Toxic effect of other metals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.892D	Toxic effect of other metals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.892S	Toxic effect of other metals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.893A	Toxic effect of other metals, assault, initial encounter	Diagnosis	ICD-10-CM
T56.894A	Toxic effect of other metals, undetermined, initial encounter	Diagnosis	ICD-10-CM
T56.91XA	Toxic effect of unspecified metal, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T56.92XA	Toxic effect of unspecified metal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.92XD	Toxic effect of unspecified metal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.92XS	Toxic effect of unspecified metal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.93XA	Toxic effect of unspecified metal, assault, initial encounter	Diagnosis	ICD-10-CM
T56.94XA	Toxic effect of unspecified metal, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.0X1A	Toxic effect of arsenic and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.0X2A	Toxic effect of arsenic and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.0X2D	Toxic effect of arsenic and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.0X2S	Toxic effect of arsenic and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.0X3A	Toxic effect of arsenic and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T57.0X4A	Toxic effect of arsenic and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.1X1A	Toxic effect of phosphorus and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.1X2A	Toxic effect of phosphorus and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.1X2D	Toxic effect of phosphorus and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.1X2S	Toxic effect of phosphorus and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.1X3A	Toxic effect of phosphorus and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T57.1X4A	Toxic effect of phosphorus and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.2X1A	Toxic effect of manganese and its compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.2X2A	Toxic effect of manganese and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.2X2D	Toxic effect of manganese and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.2X2S	Toxic effect of manganese and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.2X3A	Toxic effect of manganese and its compounds, assault, initial encounter	Diagnosis	ICD-10-CM
T57.2X4A	Toxic effect of manganese and its compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.3X1A	Toxic effect of hydrogen cyanide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.3X2A	Toxic effect of hydrogen cyanide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.3X2D	Toxic effect of hydrogen cyanide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.3X2S	Toxic effect of hydrogen cyanide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.3X3A	Toxic effect of hydrogen cyanide, assault, initial encounter	Diagnosis	ICD-10-CM
T57.3X4A	Toxic effect of hydrogen cyanide, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T57.8X1A	Toxic effect of other specified inorganic substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.8X2A	Toxic effect of other specified inorganic substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.8X2D	Toxic effect of other specified inorganic substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.8X2S	Toxic effect of other specified inorganic substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.8X3A	Toxic effect of other specified inorganic substances, assault, initial encounter	Diagnosis	ICD-10-CM
T57.8X4A	Toxic effect of other specified inorganic substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T57.91XA	Toxic effect of unspecified inorganic substance, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T57.92XA	Toxic effect of unspecified inorganic substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.92XD	Toxic effect of unspecified inorganic substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.92XS	Toxic effect of unspecified inorganic substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.93XA	Toxic effect of unspecified inorganic substance, assault, initial encounter	Diagnosis	ICD-10-CM
T57.94XA	Toxic effect of unspecified inorganic substance, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.01XA	Toxic effect of carbon monoxide from motor vehicle exhaust, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.02XA	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.02XD	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.02XS	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.03XA	Toxic effect of carbon monoxide from motor vehicle exhaust, assault, initial encounter	Diagnosis	ICD-10-CM
T58.04XA	Toxic effect of carbon monoxide from motor vehicle exhaust, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.11XA	Toxic effect of carbon monoxide from utility gas, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.12XA	Toxic effect of carbon monoxide from utility gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.12XD	Toxic effect of carbon monoxide from utility gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.12XS	Toxic effect of carbon monoxide from utility gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.13XA	Toxic effect of carbon monoxide from utility gas, assault, initial encounter	Diagnosis	ICD-10-CM
T58.14XA	Toxic effect of carbon monoxide from utility gas, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.2X1A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T58.2X2A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.2X2D	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.2X2S	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.2X3A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, assault, initial encounter	Diagnosis	ICD-10-CM
T58.2X4A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.8X1A	Toxic effect of carbon monoxide from other source, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.8X2A	Toxic effect of carbon monoxide from other source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.8X2D	Toxic effect of carbon monoxide from other source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.8X2S	Toxic effect of carbon monoxide from other source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.8X3A	Toxic effect of carbon monoxide from other source, assault, initial encounter	Diagnosis	ICD-10-CM
T58.8X4A	Toxic effect of carbon monoxide from other source, undetermined, initial encounter	Diagnosis	ICD-10-CM
T58.91XA	Toxic effect of carbon monoxide from unspecified source, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T58.92XA	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.92XD	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.92XS	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.93XA	Toxic effect of carbon monoxide from unspecified source, assault, initial encounter	Diagnosis	ICD-10-CM
T58.94XA	Toxic effect of carbon monoxide from unspecified source, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.0X1A	Toxic effect of nitrogen oxides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.0X2A	Toxic effect of nitrogen oxides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.0X2D	Toxic effect of nitrogen oxides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.0X2S	Toxic effect of nitrogen oxides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.0X3A	Toxic effect of nitrogen oxides, assault, initial encounter	Diagnosis	ICD-10-CM
T59.0X4A	Toxic effect of nitrogen oxides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.1X1A	Toxic effect of sulfur dioxide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.1X2A	Toxic effect of sulfur dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.1X2D	Toxic effect of sulfur dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.1X2S	Toxic effect of sulfur dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.1X3A	Toxic effect of sulfur dioxide, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T59.1X4A	Toxic effect of sulfur dioxide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.2X1A	Toxic effect of formaldehyde, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.2X2A	Toxic effect of formaldehyde, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.2X2D	Toxic effect of formaldehyde, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.2X2S	Toxic effect of formaldehyde, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.2X3A	Toxic effect of formaldehyde, assault, initial encounter	Diagnosis	ICD-10-CM
T59.2X4A	Toxic effect of formaldehyde, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.3X1A	Toxic effect of lacrimogenic gas, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.3X2A	Toxic effect of lacrimogenic gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.3X2D	Toxic effect of lacrimogenic gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.3X2S	Toxic effect of lacrimogenic gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.3X3A	Toxic effect of lacrimogenic gas, assault, initial encounter	Diagnosis	ICD-10-CM
T59.3X4A	Toxic effect of lacrimogenic gas, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.4X1A	Toxic effect of chlorine gas, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.4X2A	Toxic effect of chlorine gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.4X2D	Toxic effect of chlorine gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.4X2S	Toxic effect of chlorine gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.4X3A	Toxic effect of chlorine gas, assault, initial encounter	Diagnosis	ICD-10-CM
T59.4X4A	Toxic effect of chlorine gas, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.5X1A	Toxic effect of fluorine gas and hydrogen fluoride, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.5X2A	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.5X2D	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.5X2S	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.5X3A	Toxic effect of fluorine gas and hydrogen fluoride, assault, initial encounter	Diagnosis	ICD-10-CM
T59.5X4A	Toxic effect of fluorine gas and hydrogen fluoride, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.6X1A	Toxic effect of hydrogen sulfide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.6X2A	Toxic effect of hydrogen sulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.6X2D	Toxic effect of hydrogen sulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.6X2S	Toxic effect of hydrogen sulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.6X3A	Toxic effect of hydrogen sulfide, assault, initial encounter	Diagnosis	ICD-10-CM
T59.6X4A	Toxic effect of hydrogen sulfide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.7X1A	Toxic effect of carbon dioxide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.7X2A	Toxic effect of carbon dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.7X2D	Toxic effect of carbon dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.7X2S	Toxic effect of carbon dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.7X3A	Toxic effect of carbon dioxide, assault, initial encounter	Diagnosis	ICD-10-CM
T59.7X4A	Toxic effect of carbon dioxide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.811A	Toxic effect of smoke, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.812A	Toxic effect of smoke, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.812D	Toxic effect of smoke, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T59.812S	Toxic effect of smoke, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.813A	Toxic effect of smoke, assault, initial encounter	Diagnosis	ICD-10-CM
T59.814A	Toxic effect of smoke, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.891A	Toxic effect of other specified gases, fumes and vapors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.892A	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.892D	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.892S	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.893A	Toxic effect of other specified gases, fumes and vapors, assault, initial	Diagnosis	ICD-10-CM
T59.894A	Toxic effect of other specified gases, fumes and vapors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T59.91XA	Toxic effect of unspecified gases, fumes and vapors, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T59.92XA	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.92XD	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.92XS	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.93XA	Toxic effect of unspecified gases, fumes and vapors, assault, initial encounter	Diagnosis	ICD-10-CM
T59.94XA	Toxic effect of unspecified gases, fumes and vapors, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.0X1A	Toxic effect of organophosphate and carbamate insecticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.0X2A	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.0X2D	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.0X2S	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.0X3A	Toxic effect of organophosphate and carbamate insecticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.0X4A	Toxic effect of organophosphate and carbamate insecticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.1X1A	Toxic effect of halogenated insecticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.1X2A	Toxic effect of halogenated insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.1X2D	Toxic effect of halogenated insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.1X2S	Toxic effect of halogenated insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.1X3A	Toxic effect of halogenated insecticides, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T60.1X4A	Toxic effect of halogenated insecticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.2X1A	Toxic effect of other insecticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.2X2A	Toxic effect of other insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.2X2D	Toxic effect of other insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.2X2S	Toxic effect of other insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.2X3A	Toxic effect of other insecticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.2X4A	Toxic effect of other insecticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.3X1A	Toxic effect of herbicides and fungicides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.3X2A	Toxic effect of herbicides and fungicides, intentional self-harm, initial	Diagnosis	ICD-10-CM
T60.3X2D	Toxic effect of herbicides and fungicides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.3X2S	Toxic effect of herbicides and fungicides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.3X3A	Toxic effect of herbicides and fungicides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.3X4A	Toxic effect of herbicides and fungicides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.4X1A	Toxic effect of rodenticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.4X2A	Toxic effect of rodenticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.4X2D	Toxic effect of rodenticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.4X2S	Toxic effect of rodenticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.4X3A	Toxic effect of rodenticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.4X4A	Toxic effect of rodenticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.8X1A	Toxic effect of other pesticides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T60.8X2A	Toxic effect of other pesticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.8X2D	Toxic effect of other pesticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.8X2S	Toxic effect of other pesticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.8X3A	Toxic effect of other pesticides, assault, initial encounter	Diagnosis	ICD-10-CM
T60.8X4A	Toxic effect of other pesticides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T60.91XA	Toxic effect of unspecified pesticide, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T60.92XA	Toxic effect of unspecified pesticide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.92XD	Toxic effect of unspecified pesticide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.92XS	Toxic effect of unspecified pesticide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.93XA	Toxic effect of unspecified pesticide, assault, initial encounter	Diagnosis	ICD-10-CM
T60.94XA	Toxic effect of unspecified pesticide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.01XA	Ciguatera fish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.02XA	Ciguatera fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.02XD	Ciguatera fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.02XS	Ciguatera fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.03XA	Ciguatera fish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.04XA	Ciguatera fish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.11XA	Scombroid fish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.12XA	Scombroid fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.12XD	Scombroid fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.12XS	Scombroid fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T61.13XA	Scombroid fish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.14XA	Scombroid fish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.771A	Other fish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.772A	Other fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.772D	Other fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.772S	Other fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.773A	Other fish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.774A	Other fish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.781A	Other shellfish poisoning, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.782A	Other shellfish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.782D	Other shellfish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.782S	Other shellfish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.783A	Other shellfish poisoning, assault, initial encounter	Diagnosis	ICD-10-CM
T61.784A	Other shellfish poisoning, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.8X1A	Toxic effect of other seafood, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T61.8X2A	Toxic effect of other seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.8X2D	Toxic effect of other seafood, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.8X2S	Toxic effect of other seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.8X3A	Toxic effect of other seafood, assault, initial encounter	Diagnosis	ICD-10-CM
T61.8X4A	Toxic effect of other seafood, undetermined, initial encounter	Diagnosis	ICD-10-CM
T61.91XA	Toxic effect of unspecified seafood, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T61.92XA	Toxic effect of unspecified seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.92XD	Toxic effect of unspecified seafood, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T61.92XS	Toxic effect of unspecified seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.93XA	Toxic effect of unspecified seafood, assault, initial encounter	Diagnosis	ICD-10-CM
T61.94XA	Toxic effect of unspecified seafood, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.0X1A	Toxic effect of ingested mushrooms, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T62.0X2A	Toxic effect of ingested mushrooms, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.0X2D	Toxic effect of ingested mushrooms, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.0X2S	Toxic effect of ingested mushrooms, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.0X3A	Toxic effect of ingested mushrooms, assault, initial encounter	Diagnosis	ICD-10-CM
T62.0X4A	Toxic effect of ingested mushrooms, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.1X1A	Toxic effect of ingested berries, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.1X2A	Toxic effect of ingested berries, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.1X2D	Toxic effect of ingested berries, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.1X2S	Toxic effect of ingested berries, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.1X3A	Toxic effect of ingested berries, assault, initial encounter	Diagnosis	ICD-10-CM
T62.1X4A	Toxic effect of ingested berries, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.2X1A	Toxic effect of other ingested (parts of) plant(s), accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.2X2A	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T62.2X2D	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.2X2S	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.2X3A	Toxic effect of other ingested (parts of) plant(s), assault, initial encounter	Diagnosis	ICD-10-CM
T62.2X4A	Toxic effect of other ingested (parts of) plant(s), undetermined, initial	Diagnosis	ICD-10-CM
T62.8X1A	Toxic effect of other specified noxious substances eaten as food, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.8X2A	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.8X2D	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.8X2S	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.8X3A	Toxic effect of other specified noxious substances eaten as food, assault, initial encounter	Diagnosis	ICD-10-CM
T62.8X4A	Toxic effect of other specified noxious substances eaten as food, undetermined, initial encounter	Diagnosis	ICD-10-CM
T62.91XA	Toxic effect of unspecified noxious substance eaten as food, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T62.92XA	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.92XD	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.92XS	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.93XA	Toxic effect of unspecified noxious substance eaten as food, assault, initial encounter	Diagnosis	ICD-10-CM
T62.94XA	Toxic effect of unspecified noxious substance eaten as food, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.001A	Toxic effect of unspecified snake venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.002A	Toxic effect of unspecified snake venom, intentional self-harm, initial	Diagnosis	ICD-10-CM
T63.002D	Toxic effect of unspecified snake venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.002S	Toxic effect of unspecified snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.003A	Toxic effect of unspecified snake venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.004A	Toxic effect of unspecified snake venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.011A	Toxic effect of rattlesnake venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.012A	Toxic effect of rattlesnake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.012D	Toxic effect of rattlesnake venom, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T63.012S	Toxic effect of rattlesnake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.013A	Toxic effect of rattlesnake venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.014A	Toxic effect of rattlesnake venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.021A	Toxic effect of coral snake venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.022A	Toxic effect of coral snake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.022D	Toxic effect of coral snake venom, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T63.022S	Toxic effect of coral snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.023A	Toxic effect of coral snake venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.024A	Toxic effect of coral snake venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.031A	Toxic effect of taipan venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.032A	Toxic effect of taipan venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.032D	Toxic effect of taipan venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.032S	Toxic effect of taipan venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.033A	Toxic effect of taipan venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.034A	Toxic effect of taipan venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.041A	Toxic effect of cobra venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.042A	Toxic effect of cobra venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.042D	Toxic effect of cobra venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.042S	Toxic effect of cobra venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.043A	Toxic effect of cobra venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.044A	Toxic effect of cobra venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.061A	Toxic effect of venom of other North and South American snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.062A	Toxic effect of venom of other North and South American snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.062D	Toxic effect of venom of other North and South American snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.062S	Toxic effect of venom of other North and South American snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.063A	Toxic effect of venom of other North and South American snake, assault, initial encounter	Diagnosis	ICD-10-CM
T63.064A	Toxic effect of venom of other North and South American snake, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.071A	Toxic effect of venom of other Australian snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.072A	Toxic effect of venom of other Australian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.072D	Toxic effect of venom of other Australian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.072S	Toxic effect of venom of other Australian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.073A	Toxic effect of venom of other Australian snake, assault, initial encounter	Diagnosis	ICD-10-CM
T63.074A	Toxic effect of venom of other Australian snake, undetermined, initial	Diagnosis	ICD-10-CM
T63.081A	Toxic effect of venom of other African and Asian snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.082A	Toxic effect of venom of other African and Asian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.082D	Toxic effect of venom of other African and Asian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.082S	Toxic effect of venom of other African and Asian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.083A	Toxic effect of venom of other African and Asian snake, assault, initial	Diagnosis	ICD-10-CM
T63.084A	Toxic effect of venom of other African and Asian snake, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.091A	Toxic effect of venom of other snake, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.092A	Toxic effect of venom of other snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.092D	Toxic effect of venom of other snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.092S	Toxic effect of venom of other snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.093A	Toxic effect of venom of other snake, assault, initial encounter	Diagnosis	ICD-10-CM
T63.094A	Toxic effect of venom of other snake, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.111A	Toxic effect of venom of gila monster, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.112A	Toxic effect of venom of gila monster, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.112D	Toxic effect of venom of gila monster, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.112S	Toxic effect of venom of gila monster, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.113A	Toxic effect of venom of gila monster, assault, initial encounter	Diagnosis	ICD-10-CM
T63.114A	Toxic effect of venom of gila monster, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.121A	Toxic effect of venom of other venomous lizard, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.122A	Toxic effect of venom of other venomous lizard, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.122D	Toxic effect of venom of other venomous lizard, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.122S	Toxic effect of venom of other venomous lizard, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.123A	Toxic effect of venom of other venomous lizard, assault, initial encounter	Diagnosis	ICD-10-CM
T63.124A	Toxic effect of venom of other venomous lizard, undetermined, initial	Diagnosis	ICD-10-CM
T63.191A	Toxic effect of venom of other reptiles, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.192A	Toxic effect of venom of other reptiles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.192D	Toxic effect of venom of other reptiles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.192S	Toxic effect of venom of other reptiles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.193A	Toxic effect of venom of other reptiles, assault, initial encounter	Diagnosis	ICD-10-CM
T63.194A	Toxic effect of venom of other reptiles, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.2X1A	Toxic effect of venom of scorpion, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.2X2A	Toxic effect of venom of scorpion, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.2X2D	Toxic effect of venom of scorpion, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T63.2X2S	Toxic effect of venom of scorpion, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.2X3A	Toxic effect of venom of scorpion, assault, initial encounter	Diagnosis	ICD-10-CM
T63.2X4A	Toxic effect of venom of scorpion, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.301A	Toxic effect of unspecified spider venom, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.302A	Toxic effect of unspecified spider venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.302D	Toxic effect of unspecified spider venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.302S	Toxic effect of unspecified spider venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.303A	Toxic effect of unspecified spider venom, assault, initial encounter	Diagnosis	ICD-10-CM
T63.304A	Toxic effect of unspecified spider venom, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.311A	Toxic effect of venom of black widow spider, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.312A	Toxic effect of venom of black widow spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.312D	Toxic effect of venom of black widow spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.312S	Toxic effect of venom of black widow spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.313A	Toxic effect of venom of black widow spider, assault, initial encounter	Diagnosis	ICD-10-CM
T63.314A	Toxic effect of venom of black widow spider, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.321A	Toxic effect of venom of tarantula, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.322A	Toxic effect of venom of tarantula, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.322D	Toxic effect of venom of tarantula, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.322S	Toxic effect of venom of tarantula, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.323A	Toxic effect of venom of tarantula, assault, initial encounter	Diagnosis	ICD-10-CM
T63.324A	Toxic effect of venom of tarantula, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.331A	Toxic effect of venom of brown recluse spider, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.332A	Toxic effect of venom of brown recluse spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.332D	Toxic effect of venom of brown recluse spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.332S	Toxic effect of venom of brown recluse spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.333A	Toxic effect of venom of brown recluse spider, assault, initial encounter	Diagnosis	ICD-10-CM
T63.334A	Toxic effect of venom of brown recluse spider, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.391A	Toxic effect of venom of other spider, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.392A	Toxic effect of venom of other spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.392D	Toxic effect of venom of other spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.392S	Toxic effect of venom of other spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.393A	Toxic effect of venom of other spider, assault, initial encounter	Diagnosis	ICD-10-CM
T63.394A	Toxic effect of venom of other spider, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.411A	Toxic effect of venom of centipedes and venomous millipedes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.412A	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.412D	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.412S	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.413A	Toxic effect of venom of centipedes and venomous millipedes, assault, initial encounter	Diagnosis	ICD-10-CM
T63.414A	Toxic effect of venom of centipedes and venomous millipedes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.421A	Toxic effect of venom of ants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.422A	Toxic effect of venom of ants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.422D	Toxic effect of venom of ants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.422S	Toxic effect of venom of ants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.423A	Toxic effect of venom of ants, assault, initial encounter	Diagnosis	ICD-10-CM
T63.424A	Toxic effect of venom of ants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.431A	Toxic effect of venom of caterpillars, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.432A	Toxic effect of venom of caterpillars, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.432D	Toxic effect of venom of caterpillars, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.432S	Toxic effect of venom of caterpillars, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.433A	Toxic effect of venom of caterpillars, assault, initial encounter	Diagnosis	ICD-10-CM
T63.434A	Toxic effect of venom of caterpillars, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.441A	Toxic effect of venom of bees, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.442A	Toxic effect of venom of bees, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.442D	Toxic effect of venom of bees, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.442S	Toxic effect of venom of bees, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.443A	Toxic effect of venom of bees, assault, initial encounter	Diagnosis	ICD-10-CM
T63.444A	Toxic effect of venom of bees, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.451A	Toxic effect of venom of hornets, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.452A	Toxic effect of venom of hornets, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.452D	Toxic effect of venom of hornets, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.452S	Toxic effect of venom of hornets, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.453A	Toxic effect of venom of hornets, assault, initial encounter	Diagnosis	ICD-10-CM
T63.454A	Toxic effect of venom of hornets, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.461A	Toxic effect of venom of wasps, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.462A	Toxic effect of venom of wasps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.462D	Toxic effect of venom of wasps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.462S	Toxic effect of venom of wasps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.463A	Toxic effect of venom of wasps, assault, initial encounter	Diagnosis	ICD-10-CM
T63.464A	Toxic effect of venom of wasps, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.481A	Toxic effect of venom of other arthropod, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.482A	Toxic effect of venom of other arthropod, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.482D	Toxic effect of venom of other arthropod, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.482S	Toxic effect of venom of other arthropod, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.483A	Toxic effect of venom of other arthropod, assault, initial encounter	Diagnosis	ICD-10-CM
T63.484A	Toxic effect of venom of other arthropod, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.511A	Toxic effect of contact with stingray, accidental (unintentional), initial	Diagnosis	ICD-10-CM
T63.512A	Toxic effect of contact with stingray, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.512D	Toxic effect of contact with stingray, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.512S	Toxic effect of contact with stingray, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.513A	Toxic effect of contact with stingray, assault, initial encounter	Diagnosis	ICD-10-CM
T63.514A	Toxic effect of contact with stingray, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.591A	Toxic effect of contact with other venomous fish, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.592A	Toxic effect of contact with other venomous fish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.592D	Toxic effect of contact with other venomous fish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.592S	Toxic effect of contact with other venomous fish, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.593A	Toxic effect of contact with other venomous fish, assault, initial encounter	Diagnosis	ICD-10-CM
T63.594A	Toxic effect of contact with other venomous fish, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.611A	Toxic effect of contact with Portuguese Man-o-war, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.612A	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.612D	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.612S	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.613A	Toxic effect of contact with Portuguese Man-o-war, assault, initial encounter	Diagnosis	ICD-10-CM
T63.614A	Toxic effect of contact with Portuguese Man-o-war, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.621A	Toxic effect of contact with other jellyfish, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.622A	Toxic effect of contact with other jellyfish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.622D	Toxic effect of contact with other jellyfish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.622S	Toxic effect of contact with other jellyfish, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.623A	Toxic effect of contact with other jellyfish, assault, initial encounter	Diagnosis	ICD-10-CM
T63.624A	Toxic effect of contact with other jellyfish, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.631A	Toxic effect of contact with sea anemone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.632A	Toxic effect of contact with sea anemone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.632D	Toxic effect of contact with sea anemone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.632S	Toxic effect of contact with sea anemone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.633A	Toxic effect of contact with sea anemone, assault, initial encounter	Diagnosis	ICD-10-CM
T63.634A	Toxic effect of contact with sea anemone, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.691A	Toxic effect of contact with other venomous marine animals, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.692A	Toxic effect of contact with other venomous marine animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.692D	Toxic effect of contact with other venomous marine animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.692S	Toxic effect of contact with other venomous marine animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.693A	Toxic effect of contact with other venomous marine animals, assault, initial encounter	Diagnosis	ICD-10-CM
T63.694A	Toxic effect of contact with other venomous marine animals, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.711A	Toxic effect of contact with venomous marine plant, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.712A	Toxic effect of contact with venomous marine plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.712D	Toxic effect of contact with venomous marine plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.712S	Toxic effect of contact with venomous marine plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.713A	Toxic effect of contact with venomous marine plant, assault, initial encounter	Diagnosis	ICD-10-CM
T63.714A	Toxic effect of contact with venomous marine plant, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.791A	Toxic effect of contact with other venomous plant, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.792A	Toxic effect of contact with other venomous plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.792D	Toxic effect of contact with other venomous plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.792S	Toxic effect of contact with other venomous plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.793A	Toxic effect of contact with other venomous plant, assault, initial encounter	Diagnosis	ICD-10-CM
T63.794A	Toxic effect of contact with other venomous plant, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.811A	Toxic effect of contact with venomous frog, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.812A	Toxic effect of contact with venomous frog, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.812D	Toxic effect of contact with venomous frog, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.812S	Toxic effect of contact with venomous frog, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.813A	Toxic effect of contact with venomous frog, assault, initial encounter	Diagnosis	ICD-10-CM
T63.814A	Toxic effect of contact with venomous frog, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.821A	Toxic effect of contact with venomous toad, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.822A	Toxic effect of contact with venomous toad, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.822D	Toxic effect of contact with venomous toad, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.822S	Toxic effect of contact with venomous toad, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.823A	Toxic effect of contact with venomous toad, assault, initial encounter	Diagnosis	ICD-10-CM
T63.824A	Toxic effect of contact with venomous toad, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.831A	Toxic effect of contact with other venomous amphibian, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.832A	Toxic effect of contact with other venomous amphibian, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.832D	Toxic effect of contact with other venomous amphibian, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.832S	Toxic effect of contact with other venomous amphibian, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.833A	Toxic effect of contact with other venomous amphibian, assault, initial encounter	Diagnosis	ICD-10-CM
T63.834A	Toxic effect of contact with other venomous amphibian, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.891A	Toxic effect of contact with other venomous animals, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.892A	Toxic effect of contact with other venomous animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.892D	Toxic effect of contact with other venomous animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.892S	Toxic effect of contact with other venomous animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.893A	Toxic effect of contact with other venomous animals, assault, initial encounter	Diagnosis	ICD-10-CM
T63.894A	Toxic effect of contact with other venomous animals, undetermined, initial encounter	Diagnosis	ICD-10-CM
T63.91XA	Toxic effect of contact with unspecified venomous animal, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T63.92XA	Toxic effect of contact with unspecified venomous animal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T63.92XD	Toxic effect of contact with unspecified venomous animal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.92XS	Toxic effect of contact with unspecified venomous animal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.93XA	Toxic effect of contact with unspecified venomous animal, assault, initial encounter	Diagnosis	ICD-10-CM
T63.94XA	Toxic effect of contact with unspecified venomous animal, undetermined, initial encounter	Diagnosis	ICD-10-CM
T64.01XA	Toxic effect of aflatoxin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T64.02XA	Toxic effect of aflatoxin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.02XD	Toxic effect of aflatoxin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T64.02XS	Toxic effect of aflatoxin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T64.03XA	Toxic effect of aflatoxin, assault, initial encounter	Diagnosis	ICD-10-CM
T64.04XA	Toxic effect of aflatoxin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T64.81XA	Toxic effect of other mycotoxin food contaminants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T64.82XA	Toxic effect of other mycotoxin food contaminants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.82XD	Toxic effect of other mycotoxin food contaminants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T64.82XS	Toxic effect of other mycotoxin food contaminants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T64.83XA	Toxic effect of other mycotoxin food contaminants, assault, initial encounter	Diagnosis	ICD-10-CM
T64.84XA	Toxic effect of other mycotoxin food contaminants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.0X1A	Toxic effect of cyanides, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.0X2A	Toxic effect of cyanides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.0X2D	Toxic effect of cyanides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.0X2S	Toxic effect of cyanides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.0X3A	Toxic effect of cyanides, assault, initial encounter	Diagnosis	ICD-10-CM
T65.0X4A	Toxic effect of cyanides, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.1X1A	Toxic effect of strychnine and its salts, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.1X2A	Toxic effect of strychnine and its salts, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.1X2D	Toxic effect of strychnine and its salts, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.1X2S	Toxic effect of strychnine and its salts, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.1X3A	Toxic effect of strychnine and its salts, assault, initial encounter	Diagnosis	ICD-10-CM
T65.1X4A	Toxic effect of strychnine and its salts, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.211A	Toxic effect of chewing tobacco, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.212A	Toxic effect of chewing tobacco, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.212D	Toxic effect of chewing tobacco, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.212S	Toxic effect of chewing tobacco, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.213A	Toxic effect of chewing tobacco, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T65.214A	Toxic effect of chewing tobacco, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.221A	Toxic effect of tobacco cigarettes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.222A	Toxic effect of tobacco cigarettes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.222D	Toxic effect of tobacco cigarettes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.222S	Toxic effect of tobacco cigarettes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.223A	Toxic effect of tobacco cigarettes, assault, initial encounter	Diagnosis	ICD-10-CM
T65.224A	Toxic effect of tobacco cigarettes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.291A	Toxic effect of other tobacco and nicotine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.292A	Toxic effect of other tobacco and nicotine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.292D	Toxic effect of other tobacco and nicotine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.292S	Toxic effect of other tobacco and nicotine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.293A	Toxic effect of other tobacco and nicotine, assault, initial encounter	Diagnosis	ICD-10-CM
T65.294A	Toxic effect of other tobacco and nicotine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.3X1A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.3X2A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.3X2D	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.3X2S	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.3X3A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, assault, initial encounter	Diagnosis	ICD-10-CM
T65.3X4A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.4X1A	Toxic effect of carbon disulfide, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.4X2A	Toxic effect of carbon disulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.4X2D	Toxic effect of carbon disulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.4X2S	Toxic effect of carbon disulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.4X3A	Toxic effect of carbon disulfide, assault, initial encounter	Diagnosis	ICD-10-CM
T65.4X4A	Toxic effect of carbon disulfide, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.5X1A	Toxic effect of nitroglycerin and other nitric acids and esters, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.5X2A	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.5X2D	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.5X2S	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.5X3A	Toxic effect of nitroglycerin and other nitric acids and esters, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T65.5X4A	Toxic effect of nitroglycerin and other nitric acids and esters, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.6X1A	Toxic effect of paints and dyes, not elsewhere classified, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.6X2A	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.6X2D	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.6X2S	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.6X3A	Toxic effect of paints and dyes, not elsewhere classified, assault, initial encounter	Diagnosis	ICD-10-CM
T65.6X4A	Toxic effect of paints and dyes, not elsewhere classified, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.811A	Toxic effect of latex, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.812A	Toxic effect of latex, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.812D	Toxic effect of latex, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.812S	Toxic effect of latex, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.813A	Toxic effect of latex, assault, initial encounter	Diagnosis	ICD-10-CM
T65.814A	Toxic effect of latex, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.821A	Toxic effect of harmful algae and algae toxins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.822A	Toxic effect of harmful algae and algae toxins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.822D	Toxic effect of harmful algae and algae toxins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.822S	Toxic effect of harmful algae and algae toxins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.823A	Toxic effect of harmful algae and algae toxins, assault, initial encounter	Diagnosis	ICD-10-CM
T65.824A	Toxic effect of harmful algae and algae toxins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.831A	Toxic effect of fiberglass, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.832A	Toxic effect of fiberglass, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.832D	Toxic effect of fiberglass, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.832S	Toxic effect of fiberglass, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.833A	Toxic effect of fiberglass, assault, initial encounter	Diagnosis	ICD-10-CM
T65.834A	Toxic effect of fiberglass, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.891A	Toxic effect of other specified substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.892A	Toxic effect of other specified substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.892D	Toxic effect of other specified substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.892S	Toxic effect of other specified substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.893A	Toxic effect of other specified substances, assault, initial encounter	Diagnosis	ICD-10-CM
T65.894A	Toxic effect of other specified substances, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T65.91XA	Toxic effect of unspecified substance, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.92XA	Toxic effect of unspecified substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.92XD	Toxic effect of unspecified substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.92XS	Toxic effect of unspecified substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.93XA	Toxic effect of unspecified substance, assault, initial encounter	Diagnosis	ICD-10-CM
T65.94XA	Toxic effect of unspecified substance, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.111A	Asphyxiation due to smothering under pillow, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.112A	Asphyxiation due to smothering under pillow, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.112D	Asphyxiation due to smothering under pillow, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.112S	Asphyxiation due to smothering under pillow, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.113A	Asphyxiation due to smothering under pillow, assault, initial encounter	Diagnosis	ICD-10-CM
T71.114A	Asphyxiation due to smothering under pillow, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.121A	Asphyxiation due to plastic bag, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.122A	Asphyxiation due to plastic bag, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.122D	Asphyxiation due to plastic bag, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.122S	Asphyxiation due to plastic bag, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.123A	Asphyxiation due to plastic bag, assault, initial encounter	Diagnosis	ICD-10-CM
T71.124A	Asphyxiation due to plastic bag, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.131A	Asphyxiation due to being trapped in bed linens, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.132A	Asphyxiation due to being trapped in bed linens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.132D	Asphyxiation due to being trapped in bed linens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.132S	Asphyxiation due to being trapped in bed linens, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.133A	Asphyxiation due to being trapped in bed linens, assault, initial encounter	Diagnosis	ICD-10-CM
T71.134A	Asphyxiation due to being trapped in bed linens, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.141A	Asphyxiation due to smothering under another person's body (in bed), accidental, initial encounter	Diagnosis	ICD-10-CM
T71.143A	Asphyxiation due to smothering under another person's body (in bed), assault, initial encounter	Diagnosis	ICD-10-CM
T71.144A	Asphyxiation due to smothering under another person's body (in bed), undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.151A	Asphyxiation due to smothering in furniture, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.152A	Asphyxiation due to smothering in furniture, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.152D	Asphyxiation due to smothering in furniture, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.152S	Asphyxiation due to smothering in furniture, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.153A	Asphyxiation due to smothering in furniture, assault, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T71.154A	Asphyxiation due to smothering in furniture, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.161A	Asphyxiation due to hanging, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.162A	Asphyxiation due to hanging, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.162D	Asphyxiation due to hanging, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.162S	Asphyxiation due to hanging, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.163A	Asphyxiation due to hanging, assault, initial encounter	Diagnosis	ICD-10-CM
T71.164A	Asphyxiation due to hanging, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.191A	Asphyxiation due to mechanical threat to breathing due to other causes, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.192A	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.192D	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.192S	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.193A	Asphyxiation due to mechanical threat to breathing due to other causes, assault, initial encounter	Diagnosis	ICD-10-CM
T71.194A	Asphyxiation due to mechanical threat to breathing due to other causes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.20XA	Asphyxiation due to systemic oxygen deficiency due to low oxygen content in ambient air due to unspecified cause, initial encounter	Diagnosis	ICD-10-CM
T71.21XA	Asphyxiation due to cave-in or falling earth, initial encounter	Diagnosis	ICD-10-CM
T71.221A	Asphyxiation due to being trapped in a car trunk, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.222A	Asphyxiation due to being trapped in a car trunk, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.222D	Asphyxiation due to being trapped in a car trunk, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.222S	Asphyxiation due to being trapped in a car trunk, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.223A	Asphyxiation due to being trapped in a car trunk, assault, initial encounter	Diagnosis	ICD-10-CM
T71.224A	Asphyxiation due to being trapped in a car trunk, undetermined, initial encounter	Diagnosis	ICD-10-CM
T71.231A	Asphyxiation due to being trapped in a (discarded) refrigerator, accidental, initial encounter	Diagnosis	ICD-10-CM
T71.232A	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.232D	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.232S	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.233A	Asphyxiation due to being trapped in a (discarded) refrigerator, assault, initial encounter	Diagnosis	ICD-10-CM
T71.234A	Asphyxiation due to being trapped in a (discarded) refrigerator, undetermined, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T71.29XA	Asphyxiation due to being trapped in other low oxygen environment, initial encounter	Diagnosis	ICD-10-CM
T71.9XXA	Asphyxiation due to unspecified cause, initial encounter	Diagnosis	ICD-10-CM
T78.1XXA	Other adverse food reactions, not elsewhere classified, initial encounter	Diagnosis	ICD-10-CM
V40.0	Problems with learning	Diagnosis	ICD-9-CM
V40.2	Other mental problems	Diagnosis	ICD-9-CM
V40.3	Other behavioral problems	Diagnosis	ICD-9-CM
V40.31	Wandering in diseases classified elsewhere	Diagnosis	ICD-9-CM
V40.39	Other specified behavioral problem	Diagnosis	ICD-9-CM
V40.9	Unspecified mental or behavioral problem	Diagnosis	ICD-9-CM
V41.7	Problems with sexual function	Diagnosis	ICD-9-CM
V62.84	Suicidal ideation	Diagnosis	ICD-9-CM
V65.42	Counseling on substance use and abuse	Diagnosis	ICD-9-CM
V67.3	Psychotherapy and other treatment for mental disorder follow-up examination	Diagnosis	ICD-9-CM
X71.0XXA	Intentional self-harm by drowning and submersion while in bathtub, initial encounter	Diagnosis	ICD-10-CM
X71.0XXD	Intentional self-harm by drowning and submersion while in bathtub, subsequent encounter	Diagnosis	ICD-10-CM
X71.0XXS	Intentional self-harm by drowning and submersion while in bathtub, sequela	Diagnosis	ICD-10-CM
X71.1XXA	Intentional self-harm by drowning and submersion while in swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.1XXD	Intentional self-harm by drowning and submersion while in swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.1XXS	Intentional self-harm by drowning and submersion while in swimming pool, sequela	Diagnosis	ICD-10-CM
X71.2XXA	Intentional self-harm by drowning and submersion after jump into swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.2XXD	Intentional self-harm by drowning and submersion after jump into swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.2XXS	Intentional self-harm by drowning and submersion after jump into swimming pool, sequela	Diagnosis	ICD-10-CM
X71.3XXA	Intentional self-harm by drowning and submersion in natural water, initial encounter	Diagnosis	ICD-10-CM
X71.3XXD	Intentional self-harm by drowning and submersion in natural water, subsequent encounter	Diagnosis	ICD-10-CM
X71.3XXS	Intentional self-harm by drowning and submersion in natural water, sequela	Diagnosis	ICD-10-CM
X71.8XXA	Other intentional self-harm by drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
X71.8XXD	Other intentional self-harm by drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
X71.8XXS	Other intentional self-harm by drowning and submersion, sequela	Diagnosis	ICD-10-CM
X71.9XXA	Intentional self-harm by drowning and submersion, unspecified, initial encounter	Diagnosis	ICD-10-CM
X71.9XXD	Intentional self-harm by drowning and submersion, unspecified, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X71.9XXS	Intentional self-harm by drowning and submersion, unspecified, sequela	Diagnosis	ICD-10-CM
X72.XXXA	Intentional self-harm by handgun discharge, initial encounter	Diagnosis	ICD-10-CM
X72.XXXD	Intentional self-harm by handgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X72.XXXS	Intentional self-harm by handgun discharge, sequela	Diagnosis	ICD-10-CM
X73.0XXA	Intentional self-harm by shotgun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.0XXD	Intentional self-harm by shotgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.0XXS	Intentional self-harm by shotgun discharge, sequela	Diagnosis	ICD-10-CM
X73.1XXA	Intentional self-harm by hunting rifle discharge, initial encounter	Diagnosis	ICD-10-CM
X73.1XXD	Intentional self-harm by hunting rifle discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.1XXS	Intentional self-harm by hunting rifle discharge, sequela	Diagnosis	ICD-10-CM
X73.2XXA	Intentional self-harm by machine gun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.2XXD	Intentional self-harm by machine gun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.2XXS	Intentional self-harm by machine gun discharge, sequela	Diagnosis	ICD-10-CM
X73.8XXA	Intentional self-harm by other larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.8XXD	Intentional self-harm by other larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.8XXS	Intentional self-harm by other larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X73.9XXA	Intentional self-harm by unspecified larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.9XXD	Intentional self-harm by unspecified larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.9XXS	Intentional self-harm by unspecified larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X74.01XA	Intentional self-harm by airgun, initial encounter	Diagnosis	ICD-10-CM
X74.01XD	Intentional self-harm by airgun, subsequent encounter	Diagnosis	ICD-10-CM
X74.01XS	Intentional self-harm by airgun, sequela	Diagnosis	ICD-10-CM
X74.02XA	Intentional self-harm by paintball gun, initial encounter	Diagnosis	ICD-10-CM
X74.02XD	Intentional self-harm by paintball gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.02XS	Intentional self-harm by paintball gun, sequela	Diagnosis	ICD-10-CM
X74.09XA	Intentional self-harm by other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
X74.09XD	Intentional self-harm by other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.09XS	Intentional self-harm by other gas, air or spring-operated gun, sequela	Diagnosis	ICD-10-CM
X74.8XXA	Intentional self-harm by other firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.8XXD	Intentional self-harm by other firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.8XXS	Intentional self-harm by other firearm discharge, sequela	Diagnosis	ICD-10-CM
X74.9XXA	Intentional self-harm by unspecified firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.9XXD	Intentional self-harm by unspecified firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.9XXS	Intentional self-harm by unspecified firearm discharge, sequela	Diagnosis	ICD-10-CM
X75.XXXA	Intentional self-harm by explosive material, initial encounter	Diagnosis	ICD-10-CM
X75.XXXD	Intentional self-harm by explosive material, subsequent encounter	Diagnosis	ICD-10-CM
X75.XXXS	Intentional self-harm by explosive material, sequela	Diagnosis	ICD-10-CM
X76.XXXA	Intentional self-harm by smoke, fire and flames, initial encounter	Diagnosis	ICD-10-CM
X76.XXXD	Intentional self-harm by smoke, fire and flames, subsequent encounter	Diagnosis	ICD-10-CM
X76.XXXS	Intentional self-harm by smoke, fire and flames, sequela	Diagnosis	ICD-10-CM
X77.0XXA	Intentional self-harm by steam or hot vapors, initial encounter	Diagnosis	ICD-10-CM
X77.0XXD	Intentional self-harm by steam or hot vapors, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X77.0XXS	Intentional self-harm by steam or hot vapors, sequela	Diagnosis	ICD-10-CM
X77.1XXA	Intentional self-harm by hot tap water, initial encounter	Diagnosis	ICD-10-CM
X77.1XXD	Intentional self-harm by hot tap water, subsequent encounter	Diagnosis	ICD-10-CM
X77.1XXS	Intentional self-harm by hot tap water, sequela	Diagnosis	ICD-10-CM
X77.2XXA	Intentional self-harm by other hot fluids, initial encounter	Diagnosis	ICD-10-CM
X77.2XXD	Intentional self-harm by other hot fluids, subsequent encounter	Diagnosis	ICD-10-CM
X77.2XXS	Intentional self-harm by other hot fluids, sequela	Diagnosis	ICD-10-CM
X77.3XXA	Intentional self-harm by hot household appliances, initial encounter	Diagnosis	ICD-10-CM
X77.3XXD	Intentional self-harm by hot household appliances, subsequent encounter	Diagnosis	ICD-10-CM
X77.3XXS	Intentional self-harm by hot household appliances, sequela	Diagnosis	ICD-10-CM
X77.8XXA	Intentional self-harm by other hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.8XXD	Intentional self-harm by other hot objects, subsequent encounter	Diagnosis	ICD-10-CM
X77.8XXS	Intentional self-harm by other hot objects, sequela	Diagnosis	ICD-10-CM
X77.9XXA	Intentional self-harm by unspecified hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.9XXD	Intentional self-harm by unspecified hot objects, subsequent encounter	Diagnosis	ICD-10-CM
X77.9XXS	Intentional self-harm by unspecified hot objects, sequela	Diagnosis	ICD-10-CM
X78.0XXA	Intentional self-harm by sharp glass, initial encounter	Diagnosis	ICD-10-CM
X78.0XXD	Intentional self-harm by sharp glass, subsequent encounter	Diagnosis	ICD-10-CM
X78.0XXS	Intentional self-harm by sharp glass, sequela	Diagnosis	ICD-10-CM
X78.1XXA	Intentional self-harm by knife, initial encounter	Diagnosis	ICD-10-CM
X78.1XXD	Intentional self-harm by knife, subsequent encounter	Diagnosis	ICD-10-CM
X78.1XXS	Intentional self-harm by knife, sequela	Diagnosis	ICD-10-CM
X78.2XXA	Intentional self-harm by sword or dagger, initial encounter	Diagnosis	ICD-10-CM
X78.2XXD	Intentional self-harm by sword or dagger, subsequent encounter	Diagnosis	ICD-10-CM
X78.2XXS	Intentional self-harm by sword or dagger, sequela	Diagnosis	ICD-10-CM
X78.8XXA	Intentional self-harm by other sharp object, initial encounter	Diagnosis	ICD-10-CM
X78.8XXD	Intentional self-harm by other sharp object, subsequent encounter	Diagnosis	ICD-10-CM
X78.8XXS	Intentional self-harm by other sharp object, sequela	Diagnosis	ICD-10-CM
X78.9XXA	Intentional self-harm by unspecified sharp object, initial encounter	Diagnosis	ICD-10-CM
X78.9XXD	Intentional self-harm by unspecified sharp object, subsequent encounter	Diagnosis	ICD-10-CM
X78.9XXS	Intentional self-harm by unspecified sharp object, sequela	Diagnosis	ICD-10-CM
X79.XXXA	Intentional self-harm by blunt object, initial encounter	Diagnosis	ICD-10-CM
X79.XXXD	Intentional self-harm by blunt object, subsequent encounter	Diagnosis	ICD-10-CM
X79.XXXS	Intentional self-harm by blunt object, sequela	Diagnosis	ICD-10-CM
X80.XXXA	Intentional self-harm by jumping from a high place, initial encounter	Diagnosis	ICD-10-CM
X80.XXXD	Intentional self-harm by jumping from a high place, subsequent encounter	Diagnosis	ICD-10-CM
X80.XXXS	Intentional self-harm by jumping from a high place, sequela	Diagnosis	ICD-10-CM
X81.0XXA	Intentional self-harm by jumping or lying in front of motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X81.0XXD	Intentional self-harm by jumping or lying in front of motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X81.0XXS	Intentional self-harm by jumping or lying in front of motor vehicle, sequela	Diagnosis	ICD-10-CM
X81.1XXA	Intentional self-harm by jumping or lying in front of (subway) train, initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
X81.1XXD	Intentional self-harm by jumping or lying in front of (subway) train, subsequent encounter	Diagnosis	ICD-10-CM
X81.1XXS	Intentional self-harm by jumping or lying in front of (subway) train, sequela	Diagnosis	ICD-10-CM
X81.8XXA	Intentional self-harm by jumping or lying in front of other moving object, initial encounter	Diagnosis	ICD-10-CM
X81.8XXD	Intentional self-harm by jumping or lying in front of other moving object, subsequent encounter	Diagnosis	ICD-10-CM
X81.8XXS	Intentional self-harm by jumping or lying in front of other moving object, sequela	Diagnosis	ICD-10-CM
X82.0XXA	Intentional collision of motor vehicle with other motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X82.0XXD	Intentional collision of motor vehicle with other motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X82.0XXS	Intentional collision of motor vehicle with other motor vehicle, sequela	Diagnosis	ICD-10-CM
X82.1XXA	Intentional collision of motor vehicle with train, initial encounter	Diagnosis	ICD-10-CM
X82.1XXD	Intentional collision of motor vehicle with train, subsequent encounter	Diagnosis	ICD-10-CM
X82.1XXS	Intentional collision of motor vehicle with train, sequela	Diagnosis	ICD-10-CM
X82.2XXA	Intentional collision of motor vehicle with tree, initial encounter	Diagnosis	ICD-10-CM
X82.2XXD	Intentional collision of motor vehicle with tree, subsequent encounter	Diagnosis	ICD-10-CM
X82.2XXS	Intentional collision of motor vehicle with tree, sequela	Diagnosis	ICD-10-CM
X82.8XXA	Other intentional self-harm by crashing of motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X82.8XXD	Other intentional self-harm by crashing of motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X82.8XXS	Other intentional self-harm by crashing of motor vehicle, sequela	Diagnosis	ICD-10-CM
X83.0XXA	Intentional self-harm by crashing of aircraft, initial encounter	Diagnosis	ICD-10-CM
X83.0XXD	Intentional self-harm by crashing of aircraft, subsequent encounter	Diagnosis	ICD-10-CM
X83.0XXS	Intentional self-harm by crashing of aircraft, sequela	Diagnosis	ICD-10-CM
X83.1XXA	Intentional self-harm by electrocution, initial encounter	Diagnosis	ICD-10-CM
X83.1XXD	Intentional self-harm by electrocution, subsequent encounter	Diagnosis	ICD-10-CM
X83.1XXS	Intentional self-harm by electrocution, sequela	Diagnosis	ICD-10-CM
X83.2XXA	Intentional self-harm by exposure to extremes of cold, initial encounter	Diagnosis	ICD-10-CM
X83.2XXD	Intentional self-harm by exposure to extremes of cold, subsequent encounter	Diagnosis	ICD-10-CM
X83.2XXS	Intentional self-harm by exposure to extremes of cold, sequela	Diagnosis	ICD-10-CM
X83.8XXA	Intentional self-harm by other specified means, initial encounter	Diagnosis	ICD-10-CM
X83.8XXD	Intentional self-harm by other specified means, subsequent encounter	Diagnosis	ICD-10-CM
X83.8XXS	Intentional self-harm by other specified means, sequela	Diagnosis	ICD-10-CM
Z87.890	Personal history of sex reassignment	Diagnosis	ICD-10-CM
Z91.5	Personal history of self-harm	Diagnosis	ICD-10-CM
Z91.83	Wandering in diseases classified elsewhere	Diagnosis	ICD-10-CM
<b>Asthma Encounter</b>			
493.0	Extrinsic asthma	Diagnosis	ICD-9-CM
493.00	Extrinsic asthma, unspecified	Diagnosis	ICD-9-CM
493.02	Extrinsic asthma, with (acute) exacerbation	Diagnosis	ICD-9-CM
493.1	Intrinsic asthma	Diagnosis	ICD-9-CM
493.10	Intrinsic asthma, unspecified	Diagnosis	ICD-9-CM
493.12	Intrinsic asthma, with (acute) exacerbation	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
493.20	Chronic obstructive asthma, unspecified ICD-9-CM	Diagnosis	ICD-9-CM
493.21	Chronic obstructive asthma with status asthmaticus ICD-9-CM	Diagnosis	ICD-9-CM
493.22	Chronic obstructive asthma, with (acute) exacerbation ICD-9-CM	Diagnosis	ICD-9-CM
493.8	Other forms of asthma	Diagnosis	ICD-9-CM
493.82	Cough variant asthma	Diagnosis	ICD-9-CM
493.9	Unspecified asthma	Diagnosis	ICD-9-CM
493.90	Asthma, unspecified, unspecified status	Diagnosis	ICD-9-CM
493.92	Asthma, unspecified, with (acute) exacerbation	Diagnosis	ICD-9-CM
J45	Asthma	Diagnosis	ICD-10-CM
J45.2	Mild intermittent asthma	Diagnosis	ICD-10-CM
J45.20	Mild intermittent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.21	Mild intermittent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.3	Mild persistent asthma	Diagnosis	ICD-10-CM
J45.30	Mild persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.31	Mild persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.4	Moderate persistent asthma	Diagnosis	ICD-10-CM
J45.40	Moderate persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.41	Moderate persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.5	Severe persistent asthma	Diagnosis	ICD-10-CM
J45.50	Severe persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.51	Severe persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.9	Other and unspecified asthma	Diagnosis	ICD-10-CM
J45.90	Unspecified asthma	Diagnosis	ICD-10-CM
J45.901	Unspecified asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.909	Unspecified asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.99	Other asthma	Diagnosis	ICD-10-CM
J45.991	Cough variant asthma	Diagnosis	ICD-10-CM
J45.998	Other asthma	Diagnosis	ICD-10-CM
<b>Allergic Rhinitis</b>			
472.0	Chronic rhinitis	Diagnosis	ICD-9-CM
477	Allergic rhinitis	Diagnosis	ICD-9-CM
477.0	Allergic rhinitis due to pollen	Diagnosis	ICD-9-CM
477.1	Allergic rhinitis, due to food	Diagnosis	ICD-9-CM
477.2	Allergic rhinitis due to animal (cat) (dog) hair and dander	Diagnosis	ICD-9-CM
477.8	Allergic rhinitis due to other allergen	Diagnosis	ICD-9-CM
477.9	Allergic rhinitis, cause unspecified	Diagnosis	ICD-9-CM
J30	Vasomotor and allergic rhinitis	Diagnosis	ICD-10-CM
J30.0	Vasomotor rhinitis	Diagnosis	ICD-10-CM
J30.1	Allergic rhinitis due to pollen	Diagnosis	ICD-10-CM
J30.2	Other seasonal allergic rhinitis	Diagnosis	ICD-10-CM
J30.5	Allergic rhinitis due to food	Diagnosis	ICD-10-CM
J30.8	Other allergic rhinitis	Diagnosis	ICD-10-CM
J30.81	Allergic rhinitis due to animal (cat) (dog) hair and dander	Diagnosis	ICD-10-CM
J30.89	Other allergic rhinitis	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
J30.9	Allergic rhinitis, unspecified	Diagnosis	ICD-10-CM
<b>Anxiety</b>			
293.84	Anxiety disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
300.0	Anxiety states	Diagnosis	ICD-9-CM
300.00	Anxiety state, unspecified	Diagnosis	ICD-9-CM
300.01	Panic disorder without agoraphobia	Diagnosis	ICD-9-CM
300.02	Generalized anxiety disorder	Diagnosis	ICD-9-CM
300.09	Other anxiety states	Diagnosis	ICD-9-CM
300.10	Hysteria, unspecified	Diagnosis	ICD-9-CM
300.2	Phobic disorders	Diagnosis	ICD-9-CM
300.20	Phobia, unspecified	Diagnosis	ICD-9-CM
300.21	Agoraphobia with panic disorder	Diagnosis	ICD-9-CM
300.22	Agoraphobia without mention of panic attacks	Diagnosis	ICD-9-CM
300.23	Social phobia	Diagnosis	ICD-9-CM
300.29	Other isolated or specific phobias	Diagnosis	ICD-9-CM
300.3	Obsessive-compulsive disorders	Diagnosis	ICD-9-CM
300.5	Neurasthenia	Diagnosis	ICD-9-CM
300.89	Other somatoform disorders	Diagnosis	ICD-9-CM
300.9	Unspecified nonpsychotic mental disorder	Diagnosis	ICD-9-CM
308.0	Predominant disturbance of emotions	Diagnosis	ICD-9-CM
308.1	Predominant disturbance of consciousness as reaction to stress	Diagnosis	ICD-9-CM
308.2	Predominant psychomotor disturbance as reaction to stress	Diagnosis	ICD-9-CM
308.3	Other acute reactions to stress	Diagnosis	ICD-9-CM
308.4	Mixed disorders as reaction to stress	Diagnosis	ICD-9-CM
308.9	Unspecified acute reaction to stress	Diagnosis	ICD-9-CM
309.81	Posttraumatic stress disorder	Diagnosis	ICD-9-CM
313.0	Overanxious disorder specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.1	Misery and unhappiness disorder specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.21	Shyness disorder of childhood	Diagnosis	ICD-9-CM
313.22	Introverted disorder of childhood	Diagnosis	ICD-9-CM
313.3	Relationship problems specific to childhood and adolescence	Diagnosis	ICD-9-CM
313.82	Identity disorder of childhood or adolescence	Diagnosis	ICD-9-CM
313.83	Academic underachievement disorder of childhood or adolescence	Diagnosis	ICD-9-CM
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
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

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

Code	Description	Code Category	Code Type
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	Obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.2	Mixed obsessional thoughts and acts	Diagnosis	ICD-10-CM
F42.3	Hoarding disorder	Diagnosis	ICD-10-CM
F42.4	Excoriation (skin-picking) disorder	Diagnosis	ICD-10-CM
F42.8	Other obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.9	Obsessive-compulsive disorder, unspecified	Diagnosis	ICD-10-CM
F43.0	Acute stress reaction	Diagnosis	ICD-10-CM
F43.10	Post-traumatic stress disorder, unspecified	Diagnosis	ICD-10-CM
F43.11	Post-traumatic stress disorder, acute	Diagnosis	ICD-10-CM
F43.12	Post-traumatic stress disorder, chronic	Diagnosis	ICD-10-CM
F44.9	Dissociative and conversion disorder, unspecified	Diagnosis	ICD-10-CM
F45.8	Other somatoform disorders	Diagnosis	ICD-10-CM
F48.8	Other specified nonpsychotic mental disorders	Diagnosis	ICD-10-CM
F48.9	Nonpsychotic mental disorder, unspecified	Diagnosis	ICD-10-CM
F93.8	Other childhood emotional disorders	Diagnosis	ICD-10-CM
F99	Mental disorder, not otherwise specified	Diagnosis	ICD-10-CM
R45.2	Unhappiness	Diagnosis	ICD-10-CM
R45.5	Hostility	Diagnosis	ICD-10-CM
R45.6	Violent behavior	Diagnosis	ICD-10-CM
R45.7	State of emotional shock and stress, unspecified	Diagnosis	ICD-10-CM
<b>Depression</b>			
296.2	Major depressive disorder, single episode	Diagnosis	ICD-9-CM
296.20	Major depressive disorder, single episode, unspecified	Diagnosis	ICD-9-CM
296.21	Major depressive disorder, single episode, mild	Diagnosis	ICD-9-CM
296.22	Major depressive disorder, single episode, moderate	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
296.23	Major depressive disorder, single episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.24	Major depressive disorder, single episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.25	Major depressive disorder, single episode, in partial or unspecified remission	Diagnosis	ICD-9-CM
296.26	Major depressive disorder, single episode in full remission	Diagnosis	ICD-9-CM
296.3	Major depressive disorder, recurrent episode	Diagnosis	ICD-9-CM
296.30	Major depressive disorder, recurrent episode, unspecified	Diagnosis	ICD-9-CM
296.31	Major depressive disorder, recurrent episode, mild	Diagnosis	ICD-9-CM
296.32	Major depressive disorder, recurrent episode, moderate	Diagnosis	ICD-9-CM
296.33	Major depressive disorder, recurrent episode, severe, without mention of psychotic behavior	Diagnosis	ICD-9-CM
296.34	Major depressive disorder, recurrent episode, severe, specified as with psychotic behavior	Diagnosis	ICD-9-CM
296.35	Major depressive disorder, recurrent episode, in partial or unspecified	Diagnosis	ICD-9-CM
296.36	Major depressive disorder, recurrent episode, in full remission	Diagnosis	ICD-9-CM
296.90	Unspecified episodic mood disorder	Diagnosis	ICD-9-CM
300.4	Dysthymic disorder	Diagnosis	ICD-9-CM
309.0	Adjustment disorder with depressed mood	Diagnosis	ICD-9-CM
309.1	Prolonged depressive reaction as adjustment reaction	Diagnosis	ICD-9-CM
311	Depressive disorder, not elsewhere classified	Diagnosis	ICD-9-CM
F32.0	Major depressive disorder, single episode, mild	Diagnosis	ICD-10-CM
F32.1	Major depressive disorder, single episode, moderate	Diagnosis	ICD-10-CM
F32.2	Major depressive disorder, single episode, severe without psychotic features	Diagnosis	ICD-10-CM
F32.3	Major depressive disorder, single episode, severe with psychotic features	Diagnosis	ICD-10-CM
F32.4	Major depressive disorder, single episode, in partial remission	Diagnosis	ICD-10-CM
F32.5	Major depressive disorder, single episode, in full remission	Diagnosis	ICD-10-CM
F32.9	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
F33.9	Major depressive disorder, recurrent, unspecified	Diagnosis	ICD-10-CM
F34.1	Dysthymic disorder	Diagnosis	ICD-10-CM
F39	Unspecified mood [affective] disorder	Diagnosis	ICD-10-CM
F43.21	Adjustment disorder with depressed mood	Diagnosis	ICD-10-CM
<b>Sleep Disorder</b>			
307.4	Specific disorders of sleep of nonorganic origin	Diagnosis	ICD-9-CM
307.40	Nonorganic sleep disorder, unspecified	Diagnosis	ICD-9-CM
307.41	Transient disorder of initiating or maintaining sleep	Diagnosis	ICD-9-CM
307.42	Persistent disorder of initiating or maintaining sleep	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
307.43	Transient disorder of initiating or maintaining wakefulness	Diagnosis	ICD-9-CM
307.44	Persistent disorder of initiating or maintaining wakefulness	Diagnosis	ICD-9-CM
307.45	Circadian rhythm sleep disorder of nonorganic origin	Diagnosis	ICD-9-CM
307.46	Sleep arousal disorder	Diagnosis	ICD-9-CM
307.47	Other dysfunctions of sleep stages or arousal from sleep	Diagnosis	ICD-9-CM
307.48	Repetitive intrusions of sleep	Diagnosis	ICD-9-CM
307.49	Other specific disorder of sleep of nonorganic origin	Diagnosis	ICD-9-CM
327	Organic sleep disorders	Diagnosis	ICD-9-CM
327.0	Organic disorders of initiating and maintaining sleep [Organic insomnia]	Diagnosis	ICD-9-CM
327.00	Organic insomnia, unspecified	Diagnosis	ICD-9-CM
327.01	Insomnia due to medical condition classified elsewhere	Diagnosis	ICD-9-CM
327.02	Insomnia due to mental disorder	Diagnosis	ICD-9-CM
327.09	Other organic insomnia	Diagnosis	ICD-9-CM
327.1	Organic disorders of excessive somnolence [Organic hypersomnia]	Diagnosis	ICD-9-CM
327.10	Organic hypersomnia, unspecified	Diagnosis	ICD-9-CM
327.11	Idiopathic hypersomnia with long sleep time	Diagnosis	ICD-9-CM
327.12	Idiopathic hypersomnia without long sleep time	Diagnosis	ICD-9-CM
327.13	Recurrent hypersomnia	Diagnosis	ICD-9-CM
327.14	Hypersomnia due to medical condition classified elsewhere	Diagnosis	ICD-9-CM
327.15	Hypersomnia due to mental disorder	Diagnosis	ICD-9-CM
327.19	Other organic hypersomnia	Diagnosis	ICD-9-CM
327.2	Organic sleep apnea	Diagnosis	ICD-9-CM
327.20	Organic sleep apnea, unspecified	Diagnosis	ICD-9-CM
327.21	Primary central sleep apnea	Diagnosis	ICD-9-CM
327.23	Obstructive sleep apnea (adult) (pediatric)	Diagnosis	ICD-9-CM
327.24	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-9-CM
327.25	Congenital central alveolar hypoventilation syndrome	Diagnosis	ICD-9-CM
327.26	Sleep related hypoventilation/hypoxemia in conditions classifiable elsewhere	Diagnosis	ICD-9-CM
327.27	Central sleep apnea in conditions classified elsewhere	Diagnosis	ICD-9-CM
327.29	Other organic sleep apnea	Diagnosis	ICD-9-CM
327.3	Circadian rhythm sleep disorder	Diagnosis	ICD-9-CM
327.30	Circadian rhythm sleep disorder, unspecified	Diagnosis	ICD-9-CM
327.31	Circadian rhythm sleep disorder, delayed sleep phase type	Diagnosis	ICD-9-CM
327.32	Circadian rhythm sleep disorder, advanced sleep phase type	Diagnosis	ICD-9-CM
327.33	Circadian rhythm sleep disorder, irregular sleep-wake type	Diagnosis	ICD-9-CM
327.34	Circadian rhythm sleep disorder, free-running type	Diagnosis	ICD-9-CM
327.35	Circadian rhythm sleep disorder, jet lag type	Diagnosis	ICD-9-CM
327.36	Circadian rhythm sleep disorder, shift work type	Diagnosis	ICD-9-CM
327.37	Circadian rhythm sleep disorder in conditions classified elsewhere	Diagnosis	ICD-9-CM
327.39	Other circadian rhythm sleep disorder	Diagnosis	ICD-9-CM
327.4	Organic parasomnia	Diagnosis	ICD-9-CM
327.40	Organic parasomnia, unspecified	Diagnosis	ICD-9-CM
327.41	Confusional arousals	Diagnosis	ICD-9-CM
327.42	REM sleep behavior disorder	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
327.43	Recurrent isolated sleep paralysis	Diagnosis	ICD-9-CM
327.44	Parasomnia in conditions classified elsewhere	Diagnosis	ICD-9-CM
327.49	Other organic parasomnia	Diagnosis	ICD-9-CM
327.5	Organic sleep related movement disorders	Diagnosis	ICD-9-CM
327.51	Periodic limb movement disorder	Diagnosis	ICD-9-CM
327.52	Sleep related leg cramps	Diagnosis	ICD-9-CM
327.53	Sleep related bruxism	Diagnosis	ICD-9-CM
327.59	Other organic sleep related movement disorders	Diagnosis	ICD-9-CM
327.8	Other organic sleep disorders	Diagnosis	ICD-9-CM
347	Cataplexy and narcolepsy	Diagnosis	ICD-9-CM
347.0	Narcolepsy	Diagnosis	ICD-9-CM
347.00	Narcolepsy, without cataplexy	Diagnosis	ICD-9-CM
347.01	Narcolepsy, with cataplexy	Diagnosis	ICD-9-CM
347.1	Narcolepsy in conditions classified elsewhere	Diagnosis	ICD-9-CM
347.10	Narcolepsy in conditions classified elsewhere, without cataplexy	Diagnosis	ICD-9-CM
347.11	Narcolepsy in conditions classified elsewhere, with cataplexy	Diagnosis	ICD-9-CM
780.5	Sleep disturbances	Diagnosis	ICD-9-CM
780.50	Unspecified sleep disturbance	Diagnosis	ICD-9-CM
780.51	Insomnia with sleep apnea, unspecified	Diagnosis	ICD-9-CM
780.52	Insomnia, unspecified	Diagnosis	ICD-9-CM
780.53	Hypersomnia with sleep apnea, unspecified	Diagnosis	ICD-9-CM
780.54	Hypersomnia, unspecified	Diagnosis	ICD-9-CM
780.55	Disruption of 24 hour sleep wake cycle, unspecified	Diagnosis	ICD-9-CM
780.56	Dysfunctions associated with sleep stages or arousal from sleep	Diagnosis	ICD-9-CM
780.57	Unspecified sleep apnea	Diagnosis	ICD-9-CM
780.58	Sleep related movement disorder, unspecified	Diagnosis	ICD-9-CM
780.59	Other sleep disturbances	Diagnosis	ICD-9-CM
F51	Sleep disorders not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.0	Insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.01	Primary insomnia	Diagnosis	ICD-10-CM
F51.02	Adjustment insomnia	Diagnosis	ICD-10-CM
F51.03	Paradoxical insomnia	Diagnosis	ICD-10-CM
F51.04	Psychophysiologic insomnia	Diagnosis	ICD-10-CM
F51.05	Insomnia due to other mental disorder	Diagnosis	ICD-10-CM
F51.09	Other insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.1	Hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.11	Primary hypersomnia	Diagnosis	ICD-10-CM
F51.12	Insufficient sleep syndrome	Diagnosis	ICD-10-CM
F51.13	Hypersomnia due to other mental disorder	Diagnosis	ICD-10-CM
F51.19	Other hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.3	Sleepwalking [somnambulism]	Diagnosis	ICD-10-CM
F51.4	Sleep terrors [night terrors]	Diagnosis	ICD-10-CM
F51.5	Nightmare disorder	Diagnosis	ICD-10-CM
F51.8	Other sleep disorders not due to a substance or known physiological condition	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F51.9	Sleep disorder not due to a substance or known physiological condition, unspecified	Diagnosis	ICD-10-CM
G47	Sleep disorders	Diagnosis	ICD-10-CM
G47.0	Insomnia	Diagnosis	ICD-10-CM
G47.00	Insomnia, unspecified	Diagnosis	ICD-10-CM
G47.01	Insomnia due to medical condition	Diagnosis	ICD-10-CM
G47.09	Other insomnia	Diagnosis	ICD-10-CM
G47.1	Hypersomnia	Diagnosis	ICD-10-CM
G47.10	Hypersomnia, unspecified	Diagnosis	ICD-10-CM
G47.11	Idiopathic hypersomnia with long sleep time	Diagnosis	ICD-10-CM
G47.12	Idiopathic hypersomnia without long sleep time	Diagnosis	ICD-10-CM
G47.13	Recurrent hypersomnia	Diagnosis	ICD-10-CM
G47.14	Hypersomnia due to medical condition	Diagnosis	ICD-10-CM
G47.19	Other hypersomnia	Diagnosis	ICD-10-CM
G47.2	Circadian rhythm sleep disorders	Diagnosis	ICD-10-CM
G47.20	Circadian rhythm sleep disorder, unspecified type	Diagnosis	ICD-10-CM
G47.21	Circadian rhythm sleep disorder, delayed sleep phase type	Diagnosis	ICD-10-CM
G47.22	Circadian rhythm sleep disorder, advanced sleep phase type	Diagnosis	ICD-10-CM
G47.23	Circadian rhythm sleep disorder, irregular sleep wake type	Diagnosis	ICD-10-CM
G47.24	Circadian rhythm sleep disorder, free running type	Diagnosis	ICD-10-CM
G47.25	Circadian rhythm sleep disorder, jet lag type	Diagnosis	ICD-10-CM
G47.26	Circadian rhythm sleep disorder, shift work type	Diagnosis	ICD-10-CM
G47.27	Circadian rhythm sleep disorder in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.29	Other circadian rhythm sleep disorder	Diagnosis	ICD-10-CM
G47.3	Sleep apnea	Diagnosis	ICD-10-CM
G47.30	Sleep apnea, unspecified	Diagnosis	ICD-10-CM
G47.31	Primary central sleep apnea	Diagnosis	ICD-10-CM
G47.33	Obstructive sleep apnea (adult) (pediatric)	Diagnosis	ICD-10-CM
G47.34	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-10-CM
G47.35	Congenital central alveolar hypoventilation syndrome	Diagnosis	ICD-10-CM
G47.36	Sleep related hypoventilation in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.37	Central sleep apnea in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.39	Other sleep apnea	Diagnosis	ICD-10-CM
G47.4	Narcolepsy and cataplexy	Diagnosis	ICD-10-CM
G47.41	Narcolepsy	Diagnosis	ICD-10-CM
G47.411	Narcolepsy with cataplexy	Diagnosis	ICD-10-CM
G47.419	Narcolepsy without cataplexy	Diagnosis	ICD-10-CM
G47.42	Narcolepsy in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.421	Narcolepsy in conditions classified elsewhere with cataplexy	Diagnosis	ICD-10-CM
G47.429	Narcolepsy in conditions classified elsewhere without cataplexy	Diagnosis	ICD-10-CM
G47.5	Parasomnia	Diagnosis	ICD-10-CM
G47.50	Parasomnia, unspecified	Diagnosis	ICD-10-CM
G47.51	Confusional arousals	Diagnosis	ICD-10-CM
G47.52	REM sleep behavior disorder	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
G47.53	Recurrent isolated sleep paralysis	Diagnosis	ICD-10-CM
G47.54	Parasomnia in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.59	Other parasomnia	Diagnosis	ICD-10-CM
G47.6	Sleep related movement disorders	Diagnosis	ICD-10-CM
G47.61	Periodic limb movement disorder	Diagnosis	ICD-10-CM
G47.62	Sleep related leg cramps	Diagnosis	ICD-10-CM
G47.63	Sleep related bruxism	Diagnosis	ICD-10-CM
G47.69	Other sleep related movement disorders	Diagnosis	ICD-10-CM
G47.8	Other sleep disorders	Diagnosis	ICD-10-CM
G47.9	Sleep disorder, unspecified	Diagnosis	ICD-10-CM
<b>Substance Abuse Disorder</b>			
291	Alcohol-induced mental disorders	Diagnosis	ICD-9-CM
291.0	Alcohol withdrawal delirium	Diagnosis	ICD-9-CM
291.1	Alcohol-induced persisting amnestic disorder	Diagnosis	ICD-9-CM
291.2	Alcohol-induced persisting dementia	Diagnosis	ICD-9-CM
291.3	Alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-9-CM
291.4	Idiosyncratic alcohol intoxication	Diagnosis	ICD-9-CM
291.5	Alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-9-CM
291.8	Other specified alcohol-induced mental disorders	Diagnosis	ICD-9-CM
291.81	Alcohol withdrawal	Diagnosis	ICD-9-CM
291.82	Alcohol induced sleep disorders	Diagnosis	ICD-9-CM
291.89	Other specified alcohol-induced mental disorders	Diagnosis	ICD-9-CM
291.9	Unspecified alcohol-induced mental disorders	Diagnosis	ICD-9-CM
292	Drug-induced mental disorders	Diagnosis	ICD-9-CM
292.0	Drug withdrawal	Diagnosis	ICD-9-CM
292.1	Drug-induced psychotic disorder	Diagnosis	ICD-9-CM
292.11	Drug-induced psychotic disorder with delusions	Diagnosis	ICD-9-CM
292.12	Drug-induced psychotic disorder with hallucinations	Diagnosis	ICD-9-CM
292.2	Pathological drug intoxication	Diagnosis	ICD-9-CM
292.8	Other specified drug-induced mental disorders	Diagnosis	ICD-9-CM
292.81	Drug-induced delirium	Diagnosis	ICD-9-CM
292.82	Drug-induced persisting dementia	Diagnosis	ICD-9-CM
292.83	Drug-induced persisting amnestic disorder	Diagnosis	ICD-9-CM
292.84	Drug-induced mood disorder	Diagnosis	ICD-9-CM
292.85	Drug induced sleep disorders	Diagnosis	ICD-9-CM
292.89	Other specified drug-induced mental disorder	Diagnosis	ICD-9-CM
292.9	Unspecified drug-induced mental disorder	Diagnosis	ICD-9-CM
303	Alcohol dependence syndrome	Diagnosis	ICD-9-CM
303.0	Acute alcoholic intoxication	Diagnosis	ICD-9-CM
303.00	Acute alcoholic intoxication, unspecified	Diagnosis	ICD-9-CM
303.01	Acute alcoholic intoxication, continuous	Diagnosis	ICD-9-CM
303.02	Acute alcoholic intoxication, episodic	Diagnosis	ICD-9-CM
303.03	Acute alcoholic intoxication, in remission	Diagnosis	ICD-9-CM
303.9	Other and unspecified alcohol dependence	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
303.90	Other and unspecified alcohol dependence, unspecified	Diagnosis	ICD-9-CM
303.91	Other and unspecified alcohol dependence, continuous	Diagnosis	ICD-9-CM
303.92	Other and unspecified alcohol dependence, episodic	Diagnosis	ICD-9-CM
303.93	Other and unspecified alcohol dependence, in remission	Diagnosis	ICD-9-CM
304	Drug dependence	Diagnosis	ICD-9-CM
304.0	Opioid type dependence	Diagnosis	ICD-9-CM
304.00	Opioid type dependence, unspecified	Diagnosis	ICD-9-CM
304.01	Opioid type dependence, continuous	Diagnosis	ICD-9-CM
304.02	Opioid type dependence, episodic	Diagnosis	ICD-9-CM
304.03	Opioid type dependence, in remission	Diagnosis	ICD-9-CM
304.1	Sedative, hypnotic or anxiolytic dependence	Diagnosis	ICD-9-CM
304.10	Sedative, hypnotic or anxiolytic dependence, unspecified	Diagnosis	ICD-9-CM
304.11	Sedative, hypnotic or anxiolytic dependence, continuous	Diagnosis	ICD-9-CM
304.12	Sedative, hypnotic or anxiolytic dependence, episodic	Diagnosis	ICD-9-CM
304.13	Sedative, hypnotic or anxiolytic dependence, in remission	Diagnosis	ICD-9-CM
304.2	Cocaine dependence	Diagnosis	ICD-9-CM
304.20	Cocaine dependence, unspecified	Diagnosis	ICD-9-CM
304.21	Cocaine dependence, continuous	Diagnosis	ICD-9-CM
304.22	Cocaine dependence, episodic	Diagnosis	ICD-9-CM
304.23	Cocaine dependence, in remission	Diagnosis	ICD-9-CM
304.3	Cannabis dependence	Diagnosis	ICD-9-CM
304.30	Cannabis dependence, unspecified	Diagnosis	ICD-9-CM
304.31	Cannabis dependence, continuous	Diagnosis	ICD-9-CM
304.32	Cannabis dependence, episodic	Diagnosis	ICD-9-CM
304.33	Cannabis dependence, in remission	Diagnosis	ICD-9-CM
304.4	Amphetamine and other psychostimulant dependence	Diagnosis	ICD-9-CM
304.40	Amphetamine and other psychostimulant dependence, unspecified	Diagnosis	ICD-9-CM
304.41	Amphetamine and other psychostimulant dependence, continuous	Diagnosis	ICD-9-CM
304.42	Amphetamine and other psychostimulant dependence, episodic	Diagnosis	ICD-9-CM
304.43	Amphetamine and other psychostimulant dependence, in remission	Diagnosis	ICD-9-CM
304.5	Hallucinogen dependence	Diagnosis	ICD-9-CM
304.50	Hallucinogen dependence, unspecified	Diagnosis	ICD-9-CM
304.51	Hallucinogen dependence, continuous	Diagnosis	ICD-9-CM
304.52	Hallucinogen dependence, episodic	Diagnosis	ICD-9-CM
304.53	Hallucinogen dependence, in remission	Diagnosis	ICD-9-CM
304.6	Other specified drug dependence	Diagnosis	ICD-9-CM
304.60	Other specified drug dependence, unspecified	Diagnosis	ICD-9-CM
304.61	Other specified drug dependence, continuous	Diagnosis	ICD-9-CM
304.62	Other specified drug dependence, episodic	Diagnosis	ICD-9-CM
304.63	Other specified drug dependence, in remission	Diagnosis	ICD-9-CM
304.7	Combinations of opioid type drug with any other drug dependence	Diagnosis	ICD-9-CM
304.70	Combinations of opioid type drug with any other drug dependence,	Diagnosis	ICD-9-CM
304.71	Combinations of opioid type drug with any other drug dependence,	Diagnosis	ICD-9-CM
304.72	Combinations of opioid type drug with any other drug dependence, episodic	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
304.73	Combinations of opioid type drug with any other drug dependence, in	Diagnosis	ICD-9-CM
304.8	Combinations of drug dependence excluding opioid type drug	Diagnosis	ICD-9-CM
304.80	Combinations of drug dependence excluding opioid type drug, unspecified	Diagnosis	ICD-9-CM
304.81	Combinations of drug dependence excluding opioid type drug, continuous	Diagnosis	ICD-9-CM
304.82	Combinations of drug dependence excluding opioid type drug, episodic	Diagnosis	ICD-9-CM
304.83	Combinations of drug dependence excluding opioid type drug, in remission	Diagnosis	ICD-9-CM
304.9	Unspecified drug dependence	Diagnosis	ICD-9-CM
304.90	Unspecified drug dependence, unspecified	Diagnosis	ICD-9-CM
304.91	Unspecified drug dependence, continuous	Diagnosis	ICD-9-CM
304.92	Unspecified drug dependence, episodic	Diagnosis	ICD-9-CM
304.93	Unspecified drug dependence, in remission	Diagnosis	ICD-9-CM
305	Nondependent abuse of drugs	Diagnosis	ICD-9-CM
305.0	Nondependent alcohol abuse	Diagnosis	ICD-9-CM
305.00	Nondependent alcohol abuse, unspecified	Diagnosis	ICD-9-CM
305.01	Nondependent alcohol abuse, continuous	Diagnosis	ICD-9-CM
305.02	Nondependent alcohol abuse, episodic	Diagnosis	ICD-9-CM
305.03	Nondependent alcohol abuse, in remission	Diagnosis	ICD-9-CM
305.2	Nondependent cannabis abuse	Diagnosis	ICD-9-CM
305.20	Nondependent cannabis abuse, unspecified	Diagnosis	ICD-9-CM
305.21	Nondependent cannabis abuse, continuous	Diagnosis	ICD-9-CM
305.22	Nondependent cannabis abuse, episodic	Diagnosis	ICD-9-CM
305.23	Nondependent cannabis abuse, in remission	Diagnosis	ICD-9-CM
305.3	Nondependent hallucinogen abuse	Diagnosis	ICD-9-CM
305.30	Nondependent hallucinogen abuse, unspecified	Diagnosis	ICD-9-CM
305.31	Nondependent hallucinogen abuse, continuous	Diagnosis	ICD-9-CM
305.32	Nondependent hallucinogen abuse, episodic	Diagnosis	ICD-9-CM
305.33	Nondependent hallucinogen abuse, in remission	Diagnosis	ICD-9-CM
305.4	Nondependent sedative, hypnotic or anxiolytic abuse	Diagnosis	ICD-9-CM
305.40	Nondependent sedative, hypnotic or anxiolytic abuse, unspecified	Diagnosis	ICD-9-CM
305.41	Nondependent sedative hypnotic or anxiolytic abuse, continuous	Diagnosis	ICD-9-CM
305.42	Nondependent sedative, hypnotic or anxiolytic abuse, episodic	Diagnosis	ICD-9-CM
305.43	Nondependent sedative, hypnotic or anxiolytic abuse, in remission	Diagnosis	ICD-9-CM
305.5	Nondependent opioid abuse	Diagnosis	ICD-9-CM
305.50	Nondependent opioid abuse, unspecified	Diagnosis	ICD-9-CM
305.51	Nondependent opioid abuse, continuous	Diagnosis	ICD-9-CM
305.52	Nondependent opioid abuse, episodic	Diagnosis	ICD-9-CM
305.53	Nondependent opioid abuse, in remission	Diagnosis	ICD-9-CM
305.6	Nondependent cocaine abuse	Diagnosis	ICD-9-CM
305.60	Nondependent cocaine abuse, unspecified	Diagnosis	ICD-9-CM
305.61	Nondependent cocaine abuse, continuous	Diagnosis	ICD-9-CM
305.62	Nondependent cocaine abuse, episodic	Diagnosis	ICD-9-CM
305.63	Nondependent cocaine abuse, in remission	Diagnosis	ICD-9-CM
305.7	Nondependent amphetamine or related acting sympathomimetic abuse	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
305.70	Nondependent amphetamine or related acting sympathomimetic abuse, unspecified	Diagnosis	ICD-9-CM
305.71	Nondependent amphetamine or related acting sympathomimetic abuse, continuous	Diagnosis	ICD-9-CM
305.72	Nondependent amphetamine or related acting sympathomimetic abuse, episodic	Diagnosis	ICD-9-CM
305.73	Nondependent amphetamine or related acting sympathomimetic abuse, in remission	Diagnosis	ICD-9-CM
305.8	Nondependent antidepressant type abuse	Diagnosis	ICD-9-CM
305.80	Nondependent antidepressant type abuse, unspecified	Diagnosis	ICD-9-CM
305.81	Nondependent antidepressant type abuse, continuous	Diagnosis	ICD-9-CM
305.82	Nondependent antidepressant type abuse, episodic	Diagnosis	ICD-9-CM
305.83	Nondependent antidepressant type abuse, in remission	Diagnosis	ICD-9-CM
305.9	Other, mixed, or unspecified nondependent drug abuse	Diagnosis	ICD-9-CM
305.90	Other, mixed, or unspecified nondependent drug abuse, unspecified	Diagnosis	ICD-9-CM
305.91	Other, mixed, or unspecified nondependent drug abuse, continuous	Diagnosis	ICD-9-CM
305.92	Other, mixed, or unspecified nondependent drug abuse, episodic	Diagnosis	ICD-9-CM
305.93	Other, mixed, or unspecified nondependent drug abuse, in remission	Diagnosis	ICD-9-CM
357.5	Alcoholic polyneuropathy	Diagnosis	ICD-9-CM
425.5	Alcoholic cardiomyopathy	Diagnosis	ICD-9-CM
4320F	Patient counseled regarding psychosocial and pharmacologic treatment options for alcohol dependence (SUD)	Procedure	CPT-2
535.3	Alcoholic gastritis	Diagnosis	ICD-9-CM
535.30	Alcoholic gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.31	Alcoholic gastritis with hemorrhage	Diagnosis	ICD-9-CM
571.0	Alcoholic fatty liver	Diagnosis	ICD-9-CM
571.1	Acute alcoholic hepatitis	Diagnosis	ICD-9-CM
571.2	Alcoholic cirrhosis of liver	Diagnosis	ICD-9-CM
571.3	Unspecified alcoholic liver damage	Diagnosis	ICD-9-CM
648.30	Maternal drug dependence complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	Diagnosis	ICD-9-CM
648.31	Maternal drug dependence, with delivery	Diagnosis	ICD-9-CM
648.32	Maternal drug dependence, with delivery, with current postpartum complication	Diagnosis	ICD-9-CM
648.33	Maternal drug dependence, antepartum	Diagnosis	ICD-9-CM
648.34	Maternal drug dependence complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	Diagnosis	ICD-9-CM
655.50	Suspected damage to fetus from drugs, affecting management of mother, unspecified as to episode of care	Diagnosis	ICD-9-CM
655.51	Suspected damage to fetus from drugs, affecting management of mother, delivered	Diagnosis	ICD-9-CM
655.53	Suspected damage to fetus from drugs, affecting management of mother, antepartum	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
760.71	Noxious influences affecting fetus or newborn via placenta or breast milk, alcohol	Diagnosis	ICD-9-CM
760.72	Noxious influences affecting fetus or newborn via placenta or breast milk, narcotics	Diagnosis	ICD-9-CM
760.73	Noxious influences affecting fetus or newborn via placenta or breast milk, hallucinogenic agents	Diagnosis	ICD-9-CM
760.75	Noxious influences affecting fetus or newborn via placenta or breast milk, cocaine	Diagnosis	ICD-9-CM
779.5	Drug withdrawal syndrome in newborn	Diagnosis	ICD-9-CM
94.46	Alcoholism counseling	Procedure	ICD-9-CM
94.53	Referral for alcoholism rehabilitation	Procedure	ICD-9-CM
94.6	Alcohol and drug rehabilitation and detoxification	Procedure	ICD-9-CM
94.61	Alcohol rehabilitation	Procedure	ICD-9-CM
94.62	Alcohol detoxification	Procedure	ICD-9-CM
94.63	Alcohol rehabilitation and detoxification	Procedure	ICD-9-CM
94.67	Combined alcohol and drug rehabilitation	Procedure	ICD-9-CM
94.68	Combined alcohol and drug detoxification	Procedure	ICD-9-CM
94.69	Combined alcohol and drug rehabilitation and detoxification	Procedure	ICD-9-CM
965.00	Poisoning by opium (alkaloids), unspecified	Diagnosis	ICD-9-CM
965.01	Poisoning by heroin	Diagnosis	ICD-9-CM
965.02	Poisoning by methadone	Diagnosis	ICD-9-CM
965.09	Poisoning by opiates and related narcotics, other	Diagnosis	ICD-9-CM
980.0	Toxic effect of ethyl alcohol	Diagnosis	ICD-9-CM
F10.10	Alcohol abuse, uncomplicated	Diagnosis	ICD-10-CM
F10.11	Alcohol abuse, in remission	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
F10.14	Alcohol abuse with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.182	Alcohol abuse with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.188	Alcohol abuse with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
F10.220	Alcohol dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
F10.229	Alcohol dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.230	Alcohol dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.231	Alcohol dependence with withdrawal delirium	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.239	Alcohol dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.24	Alcohol dependence with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with	Diagnosis	ICD-10-CM
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.26	Alcohol dependence with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.27	Alcohol dependence with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.280	Alcohol dependence with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.281	Alcohol dependence with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.282	Alcohol dependence with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.288	Alcohol dependence with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.29	Alcohol dependence with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.920	Alcohol use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.921	Alcohol use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F10.929	Alcohol use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.94	Alcohol use, unspecified with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with	Diagnosis	ICD-10-CM
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F11.10	Opioid abuse, uncomplicated	Diagnosis	ICD-10-CM
F11.11	Opioid abuse, in remission	Diagnosis	ICD-10-CM
F11.120	Opioid abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.121	Opioid abuse with intoxication delirium	Diagnosis	ICD-10-CM
F11.122	Opioid abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.129	Opioid abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.14	Opioid abuse with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.150	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
F11.21	Opioid dependence, in remission	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F11.220	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 hallucinations	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
F12.10	Cannabis abuse, uncomplicated	Diagnosis	ICD-10-CM
F12.11	Cannabis abuse, in remission	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
F12.150	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
F12.180	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
F12.20	Cannabis dependence, uncomplicated	Diagnosis	ICD-10-CM
F12.21	Cannabis dependence, in remission	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

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

Code	Description	Code Category	Code Type
F12.222	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
F12.250	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
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.288	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.90	Cannabis use, unspecified, uncomplicated	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
F12.950	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
F12.980	Cannabis use, unspecified with anxiety disorder	Diagnosis	ICD-10-CM
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	Diagnosis	ICD-10-CM
F13.11	Sedative, hypnotic or anxiolytic abuse, in remission	Diagnosis	ICD-10-CM
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	Diagnosis	ICD-10-CM
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.150	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



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

Code	Description	Code Category	Code Type
F13.20	Sedative, hypnotic or anxiolytic dependence, uncomplicated	Diagnosis	ICD-10-CM
F13.21	Sedative, hypnotic or anxiolytic dependence, in remission	Diagnosis	ICD-10-CM
F13.220	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
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 amnesic 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, uncomplicated	Diagnosis	ICD-10-CM
F13.921	Sedative, hypnotic or anxiolytic use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F13.929	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	Diagnosis	ICD-10-CM
F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F13.94	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
F13.959	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.96	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.980	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.981	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.988	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.99	Sedative, hypnotic or anxiolytic use, unspecified with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.120	Cocaine abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.129	Cocaine abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.14	Cocaine abuse with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.150	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
F14.180	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
F14.20	Cocaine dependence, uncomplicated	Diagnosis	ICD-10-CM
F14.21	Cocaine dependence, in remission	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

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

Code	Description	Code Category	Code Type
F14.24	Cocaine dependence with cocaine-induced mood 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
F14.280	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
F14.90	Cocaine use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	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
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F15.10	Other stimulant abuse, uncomplicated	Diagnosis	ICD-10-CM
F15.11	Other stimulant abuse, in remission	Diagnosis	ICD-10-CM
F15.120	Other stimulant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.121	Other stimulant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.129	Other stimulant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.14	Other stimulant abuse with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.150	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
F15.21	Other stimulant dependence, in remission	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F15.220	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
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, 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
F16.10	Hallucinogen abuse, uncomplicated	Diagnosis	ICD-10-CM
F16.11	Hallucinogen abuse, in remission	Diagnosis	ICD-10-CM
F16.120	Hallucinogen abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.121	Hallucinogen abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F16.122	Hallucinogen abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F16.129	Hallucinogen abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
F16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.180	Hallucinogen abuse with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.183	Hallucinogen abuse with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.188	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.19	Hallucinogen abuse with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.20	Hallucinogen dependence, uncomplicated	Diagnosis	ICD-10-CM
F16.21	Hallucinogen dependence, in remission	Diagnosis	ICD-10-CM
F16.220	Hallucinogen dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.221	Hallucinogen dependence with intoxication with delirium	Diagnosis	ICD-10-CM
F16.229	Hallucinogen dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.24	Hallucinogen dependence with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.250	Hallucinogen dependence with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.251	Hallucinogen dependence with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.259	Hallucinogen dependence with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.280	Hallucinogen dependence with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.283	Hallucinogen dependence with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.288	Hallucinogen dependence with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.29	Hallucinogen dependence with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.90	Hallucinogen use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F16.920	Hallucinogen use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.921	Hallucinogen use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F16.929	Hallucinogen use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.94	Hallucinogen use, unspecified with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F17.203	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

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

Code	Description	Code Category	Code Type
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
F17.223	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
F17.293	Nicotine dependence, other tobacco product, with withdrawal	Diagnosis	ICD-10-CM
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F18.10	Inhalant abuse, uncomplicated	Diagnosis	ICD-10-CM
F18.11	Inhalant abuse, in remission	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
F18.21	Inhalant dependence, in remission	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 hallucinations	Diagnosis	ICD-10-CM
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.27	Inhalant dependence with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.280	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

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

Code	Description	Code Category	Code Type
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	Diagnosis	ICD-10-CM
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F19.10	Other psychoactive substance abuse, uncomplicated	Diagnosis	ICD-10-CM
F19.11	Other psychoactive substance abuse, in remission	Diagnosis	ICD-10-CM
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.121	Other psychoactive substance abuse with intoxication delirium	Diagnosis	ICD-10-CM
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	Diagnosis	ICD-10-CM
F19.129	Other psychoactive substance abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
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
F19.21	Other psychoactive substance dependence, in remission	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

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

Code	Description	Code Category	Code Type
F19.229	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
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,	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,	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



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

Code	Description	Code Category	Code Type
F19.951	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
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.981	Other psychoactive substance use, unspecified with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.988	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.99	Other psychoactive substance use, unspecified with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F55.0	Abuse of antacids	Diagnosis	ICD-10-CM
F55.1	Abuse of herbal or folk remedies	Diagnosis	ICD-10-CM
F55.2	Abuse of laxatives	Diagnosis	ICD-10-CM
F55.3	Abuse of steroids or hormones	Diagnosis	ICD-10-CM
F55.4	Abuse of vitamins	Diagnosis	ICD-10-CM
F55.8	Abuse of other non-psychoactive substances	Diagnosis	ICD-10-CM
G62.1	Alcoholic polyneuropathy	Diagnosis	ICD-10-CM
H0005	Alcohol and/or drug services; group counseling by a clinician	Procedure	HCPCS
H0007	Alcohol and/or drug services; crisis intervention (outpatient)	Procedure	HCPCS
H0008	Alcohol and/or drug services; subacute detoxification (hospital inpatient)	Procedure	HCPCS
H0010	Alcohol and/or drug services; subacute detoxification (residential addiction program inpatient)	Procedure	HCPCS
H0011	Alcohol and/or drug services; acute detoxification (residential addiction program inpatient)	Procedure	HCPCS
H0012	Alcohol and/or drug services; subacute detoxification (residential addiction program outpatient)	Procedure	HCPCS
H0013	Alcohol and/or drug services; acute detoxification (residential addiction program outpatient)	Procedure	HCPCS
H0014	Alcohol and/or drug services; ambulatory detoxification	Procedure	HCPCS
H0015	Alcohol and/or drug services; intensive outpatient (treatment program that operates at least 3 hours/day and at least 3 days/week and is based on an individualized treatment plan), including assessment, counseling; crisis intervention, and activity therapies or education	Procedure	HCPCS
H0020	Alcohol and/or drug services; methadone administration and/or service (provision of the drug by a licensed program)	Procedure	HCPCS
H0022	Alcohol and/or drug intervention service (planned facilitation)	Procedure	HCPCS

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

Code	Description	Code Category	Code Type
H2035	Alcohol and/or other drug treatment program, per hour	Procedure	HCPCS
H2036	Alcohol and/or other drug treatment program, per diem	Procedure	HCPCS
HZ2ZZZZ	Detoxification Services for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ30ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ31ZZZ	Individual Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ32ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ33ZZZ	Individual Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ34ZZZ	Individual Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ35ZZZ	Individual Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ36ZZZ	Individual Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ37ZZZ	Individual Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ38ZZZ	Individual Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ39ZZZ	Individual Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ3BZZZ	Individual Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ40ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ41ZZZ	Group Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ42ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ43ZZZ	Group Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ44ZZZ	Group Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ45ZZZ	Group Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ46ZZZ	Group Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ47ZZZ	Group Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ48ZZZ	Group Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ49ZZZ	Group Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ4BZZZ	Group Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ50ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ51ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ52ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ53ZZZ	Individual Psychotherapy for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ54ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ55ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Interactive	Procedure	ICD-10-PCS
HZ56ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ57ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ58ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ59ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Supportive	Procedure	ICD-10-PCS
HZ5BZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychoanalysis	Procedure	ICD-10-PCS
HZ5CZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychodynamic	Procedure	ICD-10-PCS
HZ5DZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychophysiological	Procedure	ICD-10-PCS
HZ63ZZZ	Family Counseling for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ83ZZZ	Medication Management for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
HZ86ZZZ	Medication Management for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS

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

Code	Description	Code Category	Code Type
HZ88ZZZ	Medication Management for Substance Abuse Treatment, Psychiatric Medication	Procedure	ICD-10-PCS
HZ89ZZZ	Medication Management for Substance Abuse Treatment, Other Replacement Medication	Procedure	ICD-10-PCS
HZ93ZZZ	Pharmacotherapy for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
HZ98ZZZ	Pharmacotherapy for Substance Abuse Treatment, Psychiatric Medication	Procedure	ICD-10-PCS
HZ99ZZZ	Pharmacotherapy for Substance Abuse Treatment, Other Replacement Medication	Procedure	ICD-10-PCS
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
J0570	Buprenorphine implant, 74.2 mg	Procedure	HCPCS
J0571	Buprenorphine, oral, 1 mg	Procedure	HCPCS
J0572	Buprenorphine/naloxone, oral, less than or equal to 3 mg buprenorphine	Procedure	HCPCS
J0573	Buprenorphine/naloxone, oral, greater than 3 mg, but less than or equal to 6 mg buprenorphine	Procedure	HCPCS
J0574	Buprenorphine/naloxone, oral, greater than 6 mg, but less than or equal to 10 mg buprenorphine	Procedure	HCPCS
J0575	Buprenorphine/naloxone, oral, greater than 10 mg buprenorphine	Procedure	HCPCS
J0592	Injection, buprenorphine HCl, 0.1 mg	Procedure	HCPCS
J1230	Injection, methadone HCl, up to 10 mg	Procedure	HCPCS
J2212	Injection, methylnaltrexone, 0.1 mg	Procedure	HCPCS
J2315	Injection, naltrexone, depot form, 1 mg	Procedure	HCPCS
K29.2	Alcoholic gastritis	Diagnosis	ICD-10-CM
K29.20	Alcoholic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.21	Alcoholic gastritis with bleeding	Diagnosis	ICD-10-CM
K70.0	Alcoholic fatty liver	Diagnosis	ICD-10-CM
K70.10	Alcoholic hepatitis without ascites	Diagnosis	ICD-10-CM
K70.11	Alcoholic hepatitis with ascites	Diagnosis	ICD-10-CM
K70.2	Alcoholic fibrosis and sclerosis of liver	Diagnosis	ICD-10-CM
K70.30	Alcoholic cirrhosis of liver without ascites	Diagnosis	ICD-10-CM
K70.31	Alcoholic cirrhosis of liver with ascites	Diagnosis	ICD-10-CM
K70.40	Alcoholic hepatic failure without coma	Diagnosis	ICD-10-CM
K70.41	Alcoholic hepatic failure with coma	Diagnosis	ICD-10-CM
K70.9	Alcoholic liver disease, unspecified	Diagnosis	ICD-10-CM
O35.5XX0	Maternal care for (suspected) damage to fetus by drugs, not applicable or unspecified	Diagnosis	ICD-10-CM
O35.5XX1	Maternal care for (suspected) damage to fetus by drugs, fetus 1	Diagnosis	ICD-10-CM
O35.5XX2	Maternal care for (suspected) damage to fetus by drugs, fetus 2	Diagnosis	ICD-10-CM
O35.5XX3	Maternal care for (suspected) damage to fetus by drugs, fetus 3	Diagnosis	ICD-10-CM
O35.5XX4	Maternal care for (suspected) damage to fetus by drugs, fetus 4	Diagnosis	ICD-10-CM
O35.5XX5	Maternal care for (suspected) damage to fetus by drugs, fetus 5	Diagnosis	ICD-10-CM
O35.5XX9	Maternal care for (suspected) damage to fetus by drugs, other fetus	Diagnosis	ICD-10-CM
O99.310	Alcohol use complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.311	Alcohol use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
O99.312	Alcohol use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.313	Alcohol use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.314	Alcohol use complicating childbirth	Diagnosis	ICD-10-CM
O99.315	Alcohol use complicating the puerperium	Diagnosis	ICD-10-CM
O99.320	Drug use complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.321	Drug use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.322	Drug use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.323	Drug use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.324	Drug use complicating childbirth	Diagnosis	ICD-10-CM
O99.325	Drug use complicating the puerperium	Diagnosis	ICD-10-CM
Q9991	Injection, buprenorphine extended-release (Sublocade), less than or equal to 100 mg	Procedure	HCPCS
Q9992	Injection, buprenorphine extended-release (Sublocade), greater than 100 mg	Procedure	HCPCS
S0109	Methadone, oral, 5 mg	Procedure	HCPCS
T1006	Alcohol and/or substance abuse services, family/couple counseling	Procedure	HCPCS
T1007	Alcohol and/or substance abuse services, treatment plan development and/or modification	Procedure	HCPCS
T1008	Day treatment for individual alcohol and/or substance abuse services	Procedure	HCPCS
T1010	Meals for individuals receiving alcohol and/or substance abuse services (when meals not included in the program)	Procedure	HCPCS
T1012	Alcohol and/or substance abuse services, skills development	Procedure	HCPCS
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
T40.0X3A	Poisoning by opium, assault, initial encounter	Diagnosis	ICD-10-CM
T40.0X3D	Poisoning by opium, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X3S	Poisoning by opium, assault, sequela	Diagnosis	ICD-10-CM
T40.0X4A	Poisoning by opium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X4D	Poisoning by opium, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X4S	Poisoning by opium, undetermined, sequela	Diagnosis	ICD-10-CM
T40.0X5A	Adverse effect of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X5D	Adverse effect of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X5S	Adverse effect of opium, sequela	Diagnosis	ICD-10-CM
T40.0X6A	Underdosing of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X6D	Underdosing of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X6S	Underdosing of opium, sequela	Diagnosis	ICD-10-CM
T40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.1X3A	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

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

Code	Description	Code Category	Code Type
T40.1X4S	Poisoning by heroin, undetermined, sequela	Diagnosis	ICD-10-CM
T40.1X5A	Adverse effect of heroin, initial encounter	Diagnosis	ICD-10-CM
T40.1X5D	Adverse effect of heroin, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X5S	Adverse effect of heroin, sequela	Diagnosis	ICD-10-CM
T40.5X1A	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
T40.5X3A	Poisoning by cocaine, assault, initial encounter	Diagnosis	ICD-10-CM
T40.5X3D	Poisoning by cocaine, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X3S	Poisoning by cocaine, assault, sequela	Diagnosis	ICD-10-CM
T40.5X4A	Poisoning by cocaine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.5X4D	Poisoning by cocaine, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X4S	Poisoning by cocaine, undetermined, sequela	Diagnosis	ICD-10-CM
T40.5X5A	Adverse effect of cocaine, initial encounter	Diagnosis	ICD-10-CM
T40.5X5D	Adverse effect of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X5S	Adverse effect of cocaine, sequela	Diagnosis	ICD-10-CM
T40.5X6A	Underdosing of cocaine, initial encounter	Diagnosis	ICD-10-CM
T40.5X6D	Underdosing of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X6S	Underdosing of cocaine, sequela	Diagnosis	ICD-10-CM
T40.7X1A	Poisoning by cannabis (derivatives), accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.7X1D	Poisoning by cannabis (derivatives), accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X1S	Poisoning by cannabis (derivatives), accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.7X3A	Poisoning by cannabis (derivatives), assault, initial encounter	Diagnosis	ICD-10-CM
T40.7X3D	Poisoning by cannabis (derivatives), assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X3S	Poisoning by cannabis (derivatives), assault, sequela	Diagnosis	ICD-10-CM
T40.7X4A	Poisoning by cannabis (derivatives), undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.7X4D	Poisoning by cannabis (derivatives), undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X4S	Poisoning by cannabis (derivatives), undetermined, sequela	Diagnosis	ICD-10-CM
T40.7X5A	Adverse effect of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM
T40.7X5D	Adverse effect of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X5S	Adverse effect of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
T40.7X6A	Underdosing of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM
T40.7X6D	Underdosing of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X6S	Underdosing of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
T40.8X1A	Poisoning by lysergide [LSD], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.8X1D	Poisoning by lysergide [LSD], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.8X1S	Poisoning by lysergide [LSD], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.8X3A	Poisoning by lysergide [LSD], assault, initial encounter	Diagnosis	ICD-10-CM
T40.8X3D	Poisoning by lysergide [LSD], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X3S	Poisoning by lysergide [LSD], assault, sequela	Diagnosis	ICD-10-CM
T40.8X4A	Poisoning by lysergide [LSD], undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.8X4D	Poisoning by lysergide [LSD], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X4S	Poisoning by lysergide [LSD], undetermined, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T40.8X5A	Adverse effect of lysergide [LSD], initial encounter	Diagnosis	ICD-10-CM
T40.8X5D	Adverse effect of lysergide [LSD], subsequent encounter	Diagnosis	ICD-10-CM
T40.8X5S	Adverse effect of lysergide [LSD], sequela	Diagnosis	ICD-10-CM
T40.901A	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.901D	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.901S	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.903A	Poisoning by unspecified psychodysleptics [hallucinogens], assault, initial encounter	Diagnosis	ICD-10-CM
T40.903D	Poisoning by unspecified psychodysleptics [hallucinogens], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.903S	Poisoning by unspecified psychodysleptics [hallucinogens], assault, sequela	Diagnosis	ICD-10-CM
T40.904A	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.904D	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.904S	Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, sequela	Diagnosis	ICD-10-CM
T40.905A	Adverse effect of unspecified psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.905D	Adverse effect of unspecified psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.905S	Adverse effect of unspecified psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.906A	Underdosing of unspecified psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.906D	Underdosing of unspecified psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.906S	Underdosing of unspecified psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.991A	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.991D	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.991S	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.993A	Poisoning by other psychodysleptics [hallucinogens], assault, initial encounter	Diagnosis	ICD-10-CM
T40.993D	Poisoning by other psychodysleptics [hallucinogens], assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.993S	Poisoning by other psychodysleptics [hallucinogens], assault, sequela	Diagnosis	ICD-10-CM
T40.994A	Poisoning by other psychodysleptics [hallucinogens], undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.994D	Poisoning by other psychodysleptics [hallucinogens], undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.994S	Poisoning by other psychodysleptics [hallucinogens], undetermined, sequela	Diagnosis	ICD-10-CM
T40.995A	Adverse effect of other psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T40.995D	Adverse effect of other psychodysleptics [hallucinogens], subsequent	Diagnosis	ICD-10-CM
T40.995S	Adverse effect of other psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
T40.996A	Underdosing of other psychodysleptics [hallucinogens], initial encounter	Diagnosis	ICD-10-CM
T40.996D	Underdosing of other psychodysleptics [hallucinogens], subsequent encounter	Diagnosis	ICD-10-CM
T40.996S	Underdosing of other psychodysleptics [hallucinogens], sequela	Diagnosis	ICD-10-CM
V65.42	Counseling on substance use and abuse	Diagnosis	ICD-9-CM
Visits for Respiratory Disorders			
003.22	Salmonella pneumonia	Diagnosis	ICD-9-CM
020.3	Primary pneumonic plague	Diagnosis	ICD-9-CM
020.4	Secondary pneumonic plague	Diagnosis	ICD-9-CM
020.5	Pneumonic plague, unspecified	Diagnosis	ICD-9-CM
021.2	Pulmonary tularemia	Diagnosis	ICD-9-CM
022.1	Pulmonary anthrax	Diagnosis	ICD-9-CM
031.0	Pulmonary diseases due to other mycobacteria	Diagnosis	ICD-9-CM
032.0	Faucial diphtheria	Diagnosis	ICD-9-CM
032.1	Nasopharyngeal diphtheria	Diagnosis	ICD-9-CM
032.2	Anterior nasal diphtheria	Diagnosis	ICD-9-CM
032.3	Laryngeal diphtheria	Diagnosis	ICD-9-CM
034.0	Streptococcal sore throat	Diagnosis	ICD-9-CM
039.1	Pulmonary actinomycotic infection	Diagnosis	ICD-9-CM
052.1	Varicella (hemorrhagic) pneumonitis	Diagnosis	ICD-9-CM
055.1	Postmeasles pneumonia	Diagnosis	ICD-9-CM
073.0	Ornithosis with pneumonia	Diagnosis	ICD-9-CM
083.0	Q fever	Diagnosis	ICD-9-CM
112.4	Candidiasis of lung	Diagnosis	ICD-9-CM
114.0	Primary coccidioidomycosis (pulmonary)	Diagnosis	ICD-9-CM
114.4	Chronic pulmonary coccidioidomycosis	Diagnosis	ICD-9-CM
114.5	Unspecified pulmonary coccidioidomycosis	Diagnosis	ICD-9-CM
115.05	Histoplasma capsulatum pneumonia	Diagnosis	ICD-9-CM
115.15	Histoplasma duboisii pneumonia	Diagnosis	ICD-9-CM
115.95	Unspecified Histoplasmosis pneumonia	Diagnosis	ICD-9-CM
122	Echinococcosis	Diagnosis	ICD-9-CM
122.1	Echinococcus granulosus infection of lung	Diagnosis	ICD-9-CM
130.4	Pneumonitis due to toxoplasmosis	Diagnosis	ICD-9-CM
136.3	Pneumocystosis	Diagnosis	ICD-9-CM
277.02	Cystic fibrosis with pulmonary manifestations	Diagnosis	ICD-9-CM
277.03	Cystic fibrosis with gastrointestinal manifestations	Diagnosis	ICD-9-CM
277.09	Cystic fibrosis with other manifestations	Diagnosis	ICD-9-CM
327.24	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-9-CM
327.26	Sleep related hypoventilation/hypoxemia in conditions classifiable elsewhere	Diagnosis	ICD-9-CM
327.29	Other organic sleep apnea	Diagnosis	ICD-9-CM
460	Acute nasopharyngitis (common cold)	Diagnosis	ICD-9-CM
461.0	Acute maxillary sinusitis	Diagnosis	ICD-9-CM
461.1	Acute frontal sinusitis	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
461.2	Acute ethmoidal sinusitis	Diagnosis	ICD-9-CM
461.3	Acute sphenoidal sinusitis	Diagnosis	ICD-9-CM
461.8	Other acute sinusitis	Diagnosis	ICD-9-CM
461.9	Acute sinusitis, unspecified	Diagnosis	ICD-9-CM
462	Acute pharyngitis	Diagnosis	ICD-9-CM
463	Acute tonsillitis	Diagnosis	ICD-9-CM
464.0	Acute laryngitis	Diagnosis	ICD-9-CM
464.00	Acute laryngitis, without mention of obstruction	Diagnosis	ICD-9-CM
464.01	Acute laryngitis, with obstruction	Diagnosis	ICD-9-CM
464.10	Acute tracheitis without mention of obstruction	Diagnosis	ICD-9-CM
464.11	Acute tracheitis with obstruction	Diagnosis	ICD-9-CM
464.20	Acute laryngotracheitis without mention of obstruction	Diagnosis	ICD-9-CM
464.21	Acute laryngotracheitis with obstruction	Diagnosis	ICD-9-CM
464.30	Acute epiglottitis without mention of obstruction	Diagnosis	ICD-9-CM
464.31	Acute epiglottitis with obstruction	Diagnosis	ICD-9-CM
464.4	Croup	Diagnosis	ICD-9-CM
464.50	Unspecified supraglottis, without mention of obstruction	Diagnosis	ICD-9-CM
464.51	Unspecified supraglottis, with obstruction	Diagnosis	ICD-9-CM
465.0	Acute laryngopharyngitis	Diagnosis	ICD-9-CM
465.8	Acute upper respiratory infections of other multiple sites	Diagnosis	ICD-9-CM
465.9	Acute upper respiratory infections of unspecified site	Diagnosis	ICD-9-CM
466.0	Acute bronchitis	Diagnosis	ICD-9-CM
466.1	Acute bronchiolitis	Diagnosis	ICD-9-CM
466.11	Acute bronchiolitis due to respiratory syncytial virus (RSV)	Diagnosis	ICD-9-CM
466.19	Acute bronchiolitis due to other infectious organisms	Diagnosis	ICD-9-CM
470	Deviated nasal septum	Diagnosis	ICD-9-CM
471.0	Polyp of nasal cavity	Diagnosis	ICD-9-CM
471.1	Polypoid sinus degeneration	Diagnosis	ICD-9-CM
471.8	Other polyp of sinus	Diagnosis	ICD-9-CM
471.9	Unspecified nasal polyp	Diagnosis	ICD-9-CM
472.0	Chronic rhinitis	Diagnosis	ICD-9-CM
472.1	Chronic pharyngitis	Diagnosis	ICD-9-CM
472.2	Chronic nasopharyngitis	Diagnosis	ICD-9-CM
473.0	Chronic maxillary sinusitis	Diagnosis	ICD-9-CM
473.1	Chronic frontal sinusitis	Diagnosis	ICD-9-CM
473.2	Chronic ethmoidal sinusitis	Diagnosis	ICD-9-CM
473.3	Chronic sphenoidal sinusitis	Diagnosis	ICD-9-CM
473.8	Other chronic sinusitis	Diagnosis	ICD-9-CM
473.9	Unspecified sinusitis (chronic)	Diagnosis	ICD-9-CM
474.0	Chronic tonsillitis and adenoiditis	Diagnosis	ICD-9-CM
474.00	Chronic tonsillitis	Diagnosis	ICD-9-CM
474.01	Chronic adenoiditis	Diagnosis	ICD-9-CM
474.02	Chronic tonsillitis and adenoiditis	Diagnosis	ICD-9-CM
474.10	Hypertrophy of tonsil with adenoids	Diagnosis	ICD-9-CM



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

Code	Description	Code Category	Code Type
474.11	Hypertrophy of tonsils alone	Diagnosis	ICD-9-CM
474.12	Hypertrophy of adenoids alone	Diagnosis	ICD-9-CM
474.2	Adenoid vegetations	Diagnosis	ICD-9-CM
474.8	Other chronic disease of tonsils and adenoids	Diagnosis	ICD-9-CM
474.9	Unspecified chronic disease of tonsils and adenoids	Diagnosis	ICD-9-CM
475	Peritonsillar abscess	Diagnosis	ICD-9-CM
476.0	Chronic laryngitis	Diagnosis	ICD-9-CM
476.1	Chronic laryngotracheitis	Diagnosis	ICD-9-CM
477.0	Allergic rhinitis due to pollen	Diagnosis	ICD-9-CM
477.2	Allergic rhinitis due to animal (cat) (dog) hair and dander	Diagnosis	ICD-9-CM
477.8	Allergic rhinitis due to other allergen	Diagnosis	ICD-9-CM
477.9	Allergic rhinitis, cause unspecified	Diagnosis	ICD-9-CM
478.0	Hypertrophy of nasal turbinates	Diagnosis	ICD-9-CM
478.1	Other diseases of nasal cavity and sinuses	Diagnosis	ICD-9-CM
478.11	Nasal mucositis (ulcerative)	Diagnosis	ICD-9-CM
478.19	Other diseases of nasal cavity and sinuses	Diagnosis	ICD-9-CM
478.20	Unspecified disease of pharynx	Diagnosis	ICD-9-CM
478.21	Cellulitis of pharynx or nasopharynx	Diagnosis	ICD-9-CM
478.22	Parapharyngeal abscess	Diagnosis	ICD-9-CM
478.24	Retropharyngeal abscess	Diagnosis	ICD-9-CM
478.25	Edema of pharynx or nasopharynx	Diagnosis	ICD-9-CM
478.26	Cyst of pharynx or nasopharynx	Diagnosis	ICD-9-CM
478.29	Other disease of pharynx or nasopharynx	Diagnosis	ICD-9-CM
478.30	Unspecified paralysis of vocal cords or larynx	Diagnosis	ICD-9-CM
478.31	Unilateral partial paralysis of vocal cords or larynx	Diagnosis	ICD-9-CM
478.32	Unilateral complete paralysis of vocal cords or larynx	Diagnosis	ICD-9-CM
478.33	Bilateral partial paralysis of vocal cords or larynx	Diagnosis	ICD-9-CM
478.34	Bilateral complete paralysis of vocal cords or larynx	Diagnosis	ICD-9-CM
478.4	Polyp of vocal cord or larynx	Diagnosis	ICD-9-CM
478.5	Other diseases of vocal cords	Diagnosis	ICD-9-CM
478.6	Edema of larynx	Diagnosis	ICD-9-CM
478.70	Unspecified disease of larynx	Diagnosis	ICD-9-CM
478.71	Cellulitis and perichondritis of larynx	Diagnosis	ICD-9-CM
478.74	Stenosis of larynx	Diagnosis	ICD-9-CM
478.75	Laryngeal spasm	Diagnosis	ICD-9-CM
478.79	Other diseases of larynx	Diagnosis	ICD-9-CM
478.8	Upper respiratory tract hypersensitivity reaction, site unspecified	Diagnosis	ICD-9-CM
478.9	Other and unspecified diseases of upper respiratory tract	Diagnosis	ICD-9-CM
480.0	Pneumonia due to adenovirus	Diagnosis	ICD-9-CM
480.1	Pneumonia due to respiratory syncytial virus	Diagnosis	ICD-9-CM
480.2	Pneumonia due to parainfluenza virus	Diagnosis	ICD-9-CM
480.3	Pneumonia due to SARS-associated coronavirus	Diagnosis	ICD-9-CM
480.8	Pneumonia due to other virus not elsewhere classified	Diagnosis	ICD-9-CM
480.9	Unspecified viral pneumonia	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
481	Pneumococcal pneumonia (streptococcus pneumoniae pneumonia)	Diagnosis	ICD-9-CM
482.0	Pneumonia due to Klebsiella pneumoniae	Diagnosis	ICD-9-CM
482.1	Pneumonia due to Pseudomonas	Diagnosis	ICD-9-CM
482.2	Pneumonia due to Hemophilus influenzae (H. influenzae)	Diagnosis	ICD-9-CM
482.3	Pneumonia due to Streptococcus	Diagnosis	ICD-9-CM
482.30	Pneumonia due to unspecified Streptococcus	Diagnosis	ICD-9-CM
482.31	Pneumonia due to Streptococcus, group A	Diagnosis	ICD-9-CM
482.32	Pneumonia due to Streptococcus, group B	Diagnosis	ICD-9-CM
482.39	Pneumonia due to other Streptococcus	Diagnosis	ICD-9-CM
482.4	Pneumonia due to Staphylococcus	Diagnosis	ICD-9-CM
482.40	Pneumonia due to Staphylococcus, unspecified	Diagnosis	ICD-9-CM
482.41	Methicillin susceptible pneumonia due to Staphylococcus aureus	Diagnosis	ICD-9-CM
482.42	Methicillin resistant pneumonia due to Staphylococcus aureus	Diagnosis	ICD-9-CM
482.49	Other Staphylococcus pneumonia	Diagnosis	ICD-9-CM
482.8	Pneumonia due to other specified bacteria	Diagnosis	ICD-9-CM
482.81	Pneumonia due to anaerobes	Diagnosis	ICD-9-CM
482.82	Pneumonia due to Escherichia coli (E. coli)	Diagnosis	ICD-9-CM
482.83	Pneumonia due to other gram-negative bacteria	Diagnosis	ICD-9-CM
482.84	Legionnaires' disease	Diagnosis	ICD-9-CM
482.89	Pneumonia due to other specified bacteria	Diagnosis	ICD-9-CM
482.9	Unspecified bacterial pneumonia	Diagnosis	ICD-9-CM
483	Pneumonia due to other specified organism	Diagnosis	ICD-9-CM
483.0	Pneumonia due to Mycoplasma pneumoniae	Diagnosis	ICD-9-CM
483.1	Pneumonia due to Chlamydia	Diagnosis	ICD-9-CM
483.8	Pneumonia due to other specified organism	Diagnosis	ICD-9-CM
484.1	Pneumonia in cytomegalic inclusion disease	Diagnosis	ICD-9-CM
484.3	Pneumonia in whooping cough	Diagnosis	ICD-9-CM
484.5	Pneumonia in anthrax	Diagnosis	ICD-9-CM
484.6	Pneumonia in aspergillosis	Diagnosis	ICD-9-CM
484.7	Pneumonia in other systemic mycoses	Diagnosis	ICD-9-CM
484.8	Pneumonia in other infectious diseases classified elsewhere	Diagnosis	ICD-9-CM
485	Bronchopneumonia, organism unspecified	Diagnosis	ICD-9-CM
486	Pneumonia, organism unspecified	Diagnosis	ICD-9-CM
487.0	Influenza with pneumonia	Diagnosis	ICD-9-CM
487.1	Influenza with other respiratory manifestations	Diagnosis	ICD-9-CM
487.8	Influenza with other manifestations	Diagnosis	ICD-9-CM
488	Influenza due to certain identified influenza viruses	Diagnosis	ICD-9-CM
488.0	Influenza due to identified avian influenza virus	Diagnosis	ICD-9-CM
488.01	Influenza due to identified avian influenza virus with pneumonia	Diagnosis	ICD-9-CM
488.02	Influenza due to identified avian influenza virus with other respiratory manifestations	Diagnosis	ICD-9-CM
488.09	Influenza due to identified avian influenza virus with other manifestations	Diagnosis	ICD-9-CM
488.1	Influenza due to identified 2009 H1N1 influenza virus	Diagnosis	ICD-9-CM
488.11	Influenza due to identified 2009 H1N1 influenza virus with pneumonia	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
488.12	Influenza due to identified 2009 H1N1 influenza virus with other respiratory manifestations	Diagnosis	ICD-9-CM
488.19	Influenza due to identified 2009 H1N1 influenza virus with other	Diagnosis	ICD-9-CM
488.81	Influenza due to identified novel influenza A virus with pneumonia	Diagnosis	ICD-9-CM
488.82	Influenza due to identified novel influenza A virus with other respiratory manifestations	Diagnosis	ICD-9-CM
488.89	Influenza due to identified novel influenza A virus with other manifestations	Diagnosis	ICD-9-CM
490	Bronchitis, not specified as acute or chronic	Diagnosis	ICD-9-CM
491.0	Simple chronic bronchitis	Diagnosis	ICD-9-CM
491.1	Mucopurulent chronic bronchitis	Diagnosis	ICD-9-CM
491.8	Other chronic bronchitis	Diagnosis	ICD-9-CM
491.9	Unspecified chronic bronchitis	Diagnosis	ICD-9-CM
492.0	Emphysematous bleb	Diagnosis	ICD-9-CM
492.8	Other emphysema	Diagnosis	ICD-9-CM
494.0	Bronchiectasis without acute exacerbation	Diagnosis	ICD-9-CM
494.1	Bronchiectasis with acute exacerbation	Diagnosis	ICD-9-CM
495.0	Farmers' lung	Diagnosis	ICD-9-CM
495.1	Bagassosis	Diagnosis	ICD-9-CM
495.2	Bird-fanciers' lung	Diagnosis	ICD-9-CM
495.3	Suberosis	Diagnosis	ICD-9-CM
495.4	Malt workers' lung	Diagnosis	ICD-9-CM
495.5	Mushroom workers' lung	Diagnosis	ICD-9-CM
495.6	Maple bark-strippers' lung	Diagnosis	ICD-9-CM
495.7	Ventilation pneumonitis	Diagnosis	ICD-9-CM
495.8	Other specified allergic alveolitis and pneumonitis	Diagnosis	ICD-9-CM
495.9	Unspecified allergic alveolitis and pneumonitis	Diagnosis	ICD-9-CM
496	Chronic airway obstruction, not elsewhere classified	Diagnosis	ICD-9-CM
500	Coal workers' pneumoconiosis	Diagnosis	ICD-9-CM
501	Asbestosis	Diagnosis	ICD-9-CM
502	Pneumoconiosis due to other silica or silicates	Diagnosis	ICD-9-CM
503	Pneumoconiosis due to other inorganic dust	Diagnosis	ICD-9-CM
504	Pneumonopathy due to inhalation of other dust	Diagnosis	ICD-9-CM
505	Unspecified pneumoconiosis	Diagnosis	ICD-9-CM
506.0	Bronchitis and pneumonitis due to fumes and vapors	Diagnosis	ICD-9-CM
506.1	Acute pulmonary edema due to fumes and vapors	Diagnosis	ICD-9-CM
506.2	Upper respiratory inflammation due to fumes and vapors	Diagnosis	ICD-9-CM
506.3	Other acute and subacute respiratory conditions due to fumes and vapors	Diagnosis	ICD-9-CM
506.4	Chronic respiratory conditions due to fumes and vapors	Diagnosis	ICD-9-CM
506.9	Unspecified respiratory conditions due to fumes and vapors	Diagnosis	ICD-9-CM
507.0	Pneumonitis due to inhalation of food or vomitus	Diagnosis	ICD-9-CM
507.1	Pneumonitis due to inhalation of oils and essences	Diagnosis	ICD-9-CM
507.8	Pneumonitis due to other solids and liquids	Diagnosis	ICD-9-CM
508.0	Acute pulmonary manifestations due to radiation	Diagnosis	ICD-9-CM
508.1	Chronic and other pulmonary manifestations due to radiation	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
508.2	Respiratory conditions due to smoke inhalation	Diagnosis	ICD-9-CM
508.8	Respiratory conditions due to other specified external agents	Diagnosis	ICD-9-CM
508.9	Respiratory conditions due to unspecified external agent	Diagnosis	ICD-9-CM
510.0	Empyema with fistula	Diagnosis	ICD-9-CM
510.9	Empyema without mention of fistula	Diagnosis	ICD-9-CM
511.0	Pleurisy without mention of effusion or current tuberculosis	Diagnosis	ICD-9-CM
511.1	Pleurisy with effusion, with mention of bacterial cause other than tuberculosis	Diagnosis	ICD-9-CM
511.8	Other specified forms of pleural effusion, except tuberculous	Diagnosis	ICD-9-CM
511.89	Other specified forms of effusion, except tuberculous	Diagnosis	ICD-9-CM
511.9	Unspecified pleural effusion	Diagnosis	ICD-9-CM
512.0	Spontaneous tension pneumothorax	Diagnosis	ICD-9-CM
512.8	Other pneumothorax and air leak	Diagnosis	ICD-9-CM
512.81	Primary spontaneous pneumothorax	Diagnosis	ICD-9-CM
512.82	Secondary spontaneous pneumothorax	Diagnosis	ICD-9-CM
512.83	Chronic pneumothorax	Diagnosis	ICD-9-CM
512.84	Other air leak	Diagnosis	ICD-9-CM
512.89	Other pneumothorax	Diagnosis	ICD-9-CM
513.0	Abscess of lung	Diagnosis	ICD-9-CM
513.1	Abscess of mediastinum	Diagnosis	ICD-9-CM
514	Pulmonary congestion and hypostasis	Diagnosis	ICD-9-CM
515	Postinflammatory pulmonary fibrosis	Diagnosis	ICD-9-CM
516.0	Pulmonary alveolar proteinosis	Diagnosis	ICD-9-CM
516.1	Idiopathic pulmonary hemosiderosis	Diagnosis	ICD-9-CM
516.2	Pulmonary alveolar microlithiasis	Diagnosis	ICD-9-CM
516.3	Idiopathic interstitial pneumonia	Diagnosis	ICD-9-CM
516.30	Idiopathic interstitial pneumonia, not otherwise specified	Diagnosis	ICD-9-CM
516.31	Idiopathic pulmonary fibrosis	Diagnosis	ICD-9-CM
516.32	Idiopathic non-specific interstitial pneumonitis	Diagnosis	ICD-9-CM
516.33	Acute interstitial pneumonitis	Diagnosis	ICD-9-CM
516.34	Respiratory bronchiolitis interstitial lung disease	Diagnosis	ICD-9-CM
516.35	Idiopathic lymphoid interstitial pneumonia	Diagnosis	ICD-9-CM
516.36	Cryptogenic organizing pneumonia	Diagnosis	ICD-9-CM
516.37	Desquamative interstitial pneumonia	Diagnosis	ICD-9-CM
516.4	Lymphangioleiomyomatosis	Diagnosis	ICD-9-CM
516.5	Adult pulmonary Langerhans cell histiocytosis	Diagnosis	ICD-9-CM
516.61	Neuroendocrine cell hyperplasia of infancy	Diagnosis	ICD-9-CM
516.62	Pulmonary interstitial glycogenosis	Diagnosis	ICD-9-CM
516.63	Surfactant mutations of the lung	Diagnosis	ICD-9-CM
516.64	Alveolar capillary dysplasia with vein misalignment	Diagnosis	ICD-9-CM
516.69	Other interstitial lung diseases of childhood	Diagnosis	ICD-9-CM
516.8	Other specified alveolar and parietoalveolar pneumonopathies	Diagnosis	ICD-9-CM
516.9	Unspecified alveolar and parietoalveolar pneumonopathy	Diagnosis	ICD-9-CM
517.1	Rheumatic pneumonia	Diagnosis	ICD-9-CM
517.2	Lung involvement in systemic sclerosis	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
517.3	Acute chest syndrome	Diagnosis	ICD-9-CM
517.8	Lung involvement in other diseases classified elsewhere	Diagnosis	ICD-9-CM
518.0	Pulmonary collapse	Diagnosis	ICD-9-CM
518.1	Interstitial emphysema	Diagnosis	ICD-9-CM
518.2	Compensatory emphysema	Diagnosis	ICD-9-CM
518.3	Pulmonary eosinophilia	Diagnosis	ICD-9-CM
518.4	Unspecified acute edema of lung	Diagnosis	ICD-9-CM
518.5	Pulmonary insufficiency following trauma and surgery	Diagnosis	ICD-9-CM
518.51	Acute respiratory failure following trauma and surgery	Diagnosis	ICD-9-CM
518.52	Other pulmonary insufficiency, not elsewhere classified, following trauma and surgery	Diagnosis	ICD-9-CM
518.53	Acute and chronic respiratory failure following trauma and surgery	Diagnosis	ICD-9-CM
518.6	Allergic bronchopulmonary aspergillosis	Diagnosis	ICD-9-CM
518.81	Acute respiratory failure	Diagnosis	ICD-9-CM
518.82	Other pulmonary insufficiency, not elsewhere classified	Diagnosis	ICD-9-CM
518.83	Chronic respiratory failure	Diagnosis	ICD-9-CM
518.84	Acute and chronic respiratory failure	Diagnosis	ICD-9-CM
518.89	Other diseases of lung, not elsewhere classified	Diagnosis	ICD-9-CM
519.1	Other diseases of trachea and bronchus, not elsewhere classified	Diagnosis	ICD-9-CM
519.11	Acute bronchospasm	Diagnosis	ICD-9-CM
519.19	Other diseases of trachea and bronchus	Diagnosis	ICD-9-CM
519.2	Mediastinitis	Diagnosis	ICD-9-CM
519.3	Other diseases of mediastinum, not elsewhere classified	Diagnosis	ICD-9-CM
519.4	Disorders of diaphragm	Diagnosis	ICD-9-CM
519.8	Other diseases of respiratory system, not elsewhere classified	Diagnosis	ICD-9-CM
519.9	Unspecified disease of respiratory system	Diagnosis	ICD-9-CM
770.7	Chronic respiratory disease arising in the perinatal period	Diagnosis	ICD-9-CM
782.5	Cyanosis	Diagnosis	ICD-9-CM
784.1	Throat pain	Diagnosis	ICD-9-CM
784.40	Voice and resonance disorder, unspecified	Diagnosis	ICD-9-CM
784.41	Aphonia	Diagnosis	ICD-9-CM
784.42	Dysphonia	Diagnosis	ICD-9-CM
784.43	Hypernasality	Diagnosis	ICD-9-CM
784.44	Hyponasality	Diagnosis	ICD-9-CM
784.49	Other voice and resonance disorders	Diagnosis	ICD-9-CM
784.7	Epistaxis	Diagnosis	ICD-9-CM
784.8	Hemorrhage from throat	Diagnosis	ICD-9-CM
784.9	Other symptoms involving head and neck	Diagnosis	ICD-9-CM
784.91	Postnasal drip	Diagnosis	ICD-9-CM
784.99	Other symptoms involving head and neck	Diagnosis	ICD-9-CM
786.00	Unspecified respiratory abnormality	Diagnosis	ICD-9-CM
786.01	Hyperventilation	Diagnosis	ICD-9-CM
786.02	Orthopnea	Diagnosis	ICD-9-CM
786.03	Apnea	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
786.04	Cheyne-Stokes respiration	Diagnosis	ICD-9-CM
786.05	Shortness of breath	Diagnosis	ICD-9-CM
786.06	Tachypnea	Diagnosis	ICD-9-CM
786.07	Wheezing	Diagnosis	ICD-9-CM
786.09	Other dyspnea and respiratory abnormalities	Diagnosis	ICD-9-CM
786.1	Stridor	Diagnosis	ICD-9-CM
786.2	Cough	Diagnosis	ICD-9-CM
786.3	Hemoptysis	Diagnosis	ICD-9-CM
786.30	Hemoptysis, unspecified	Diagnosis	ICD-9-CM
786.31	Acute idiopathic pulmonary hemorrhage in infants [AIPHI]	Diagnosis	ICD-9-CM
786.39	Other hemoptysis	Diagnosis	ICD-9-CM
786.4	Abnormal sputum	Diagnosis	ICD-9-CM
786.52	Painful respiration	Diagnosis	ICD-9-CM
786.6	Swelling, mass, or lump in chest	Diagnosis	ICD-9-CM
786.7	Abnormal chest sounds	Diagnosis	ICD-9-CM
786.8	Hiccough	Diagnosis	ICD-9-CM
786.9	Other symptoms involving respiratory system and chest	Diagnosis	ICD-9-CM
793.1	Nonspecific (abnormal) findings on radiological and other examination of body structure, lung field	Diagnosis	ICD-9-CM
793.11	Solitary pulmonary nodule	Diagnosis	ICD-9-CM
793.19	Other nonspecific abnormal finding of lung field	Diagnosis	ICD-9-CM
794.2	Nonspecific abnormal results of pulmonary system function study	Diagnosis	ICD-9-CM
799.1	Respiratory arrest	Diagnosis	ICD-9-CM
A02.22	Salmonella pneumonia	Diagnosis	ICD-10-CM
A20.2	Pneumonic plague	Diagnosis	ICD-10-CM
A21.2	Pulmonary tularemia	Diagnosis	ICD-10-CM
A22.1	Pulmonary anthrax	Diagnosis	ICD-10-CM
A31.0	Pulmonary mycobacterial infection	Diagnosis	ICD-10-CM
A36.0	Pharyngeal diphtheria	Diagnosis	ICD-10-CM
A36.1	Nasopharyngeal diphtheria	Diagnosis	ICD-10-CM
A36.2	Laryngeal diphtheria	Diagnosis	ICD-10-CM
A36.89	Other diphtheritic complications	Diagnosis	ICD-10-CM
A37.01	Whooping cough due to Bordetella pertussis with pneumonia	Diagnosis	ICD-10-CM
A37.11	Whooping cough due to Bordetella parapertussis with pneumonia	Diagnosis	ICD-10-CM
A37.81	Whooping cough due to other Bordetella species with pneumonia	Diagnosis	ICD-10-CM
A37.91	Whooping cough, unspecified species with pneumonia	Diagnosis	ICD-10-CM
A42.0	Pulmonary actinomycosis	Diagnosis	ICD-10-CM
A43.0	Pulmonary nocardiosis	Diagnosis	ICD-10-CM
A48.1	Legionnaires' disease	Diagnosis	ICD-10-CM
A59.00	Urogenital trichomoniasis, unspecified	Diagnosis	ICD-10-CM
A59.01	Trichomonal vulvovaginitis	Diagnosis	ICD-10-CM
A59.02	Trichomonal prostatitis	Diagnosis	ICD-10-CM
A59.03	Trichomonal cystitis and urethritis	Diagnosis	ICD-10-CM
A59.09	Other urogenital trichomoniasis	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
A59.8	Trichomoniasis of other sites	Diagnosis	ICD-10-CM
A59.9	Trichomoniasis, unspecified	Diagnosis	ICD-10-CM
A70	Chlamydia psittaci infections	Diagnosis	ICD-10-CM
A78	Q fever	Diagnosis	ICD-10-CM
B01.2	Varicella pneumonia	Diagnosis	ICD-10-CM
B05.2	Measles complicated by pneumonia	Diagnosis	ICD-10-CM
B25.0	Cytomegaloviral pneumonitis	Diagnosis	ICD-10-CM
B37.1	Pulmonary candidiasis	Diagnosis	ICD-10-CM
B38.0	Acute pulmonary coccidioidomycosis	Diagnosis	ICD-10-CM
B38.1	Chronic pulmonary coccidioidomycosis	Diagnosis	ICD-10-CM
B38.2	Pulmonary coccidioidomycosis, unspecified	Diagnosis	ICD-10-CM
B39.0	Acute pulmonary histoplasmosis capsulati	Diagnosis	ICD-10-CM
B39.1	Chronic pulmonary histoplasmosis capsulati	Diagnosis	ICD-10-CM
B39.2	Pulmonary histoplasmosis capsulati, unspecified	Diagnosis	ICD-10-CM
B39.5	Histoplasmosis duboisii	Diagnosis	ICD-10-CM
B39.9	Histoplasmosis, unspecified	Diagnosis	ICD-10-CM
B44.0	Invasive pulmonary aspergillosis	Diagnosis	ICD-10-CM
B44.81	Allergic bronchopulmonary aspergillosis	Diagnosis	ICD-10-CM
B58.00	Toxoplasma oculopathy, unspecified	Diagnosis	ICD-10-CM
B58.01	Toxoplasma chorioretinitis	Diagnosis	ICD-10-CM
B58.09	Other toxoplasma oculopathy	Diagnosis	ICD-10-CM
B58.1	Toxoplasma hepatitis	Diagnosis	ICD-10-CM
B58.2	Toxoplasma meningoencephalitis	Diagnosis	ICD-10-CM
B58.3	Pulmonary toxoplasmosis	Diagnosis	ICD-10-CM
B58.81	Toxoplasma myocarditis	Diagnosis	ICD-10-CM
B58.82	Toxoplasma myositis	Diagnosis	ICD-10-CM
B58.83	Toxoplasma tubulo-interstitial nephropathy	Diagnosis	ICD-10-CM
B58.89	Toxoplasmosis with other organ involvement	Diagnosis	ICD-10-CM
B58.9	Toxoplasmosis, unspecified	Diagnosis	ICD-10-CM
B59	Pneumocystosis	Diagnosis	ICD-10-CM
B67.0	Echinococcus granulosus infection of liver	Diagnosis	ICD-10-CM
B67.1	Echinococcus granulosus infection of lung	Diagnosis	ICD-10-CM
B67.2	Echinococcus granulosus infection of bone	Diagnosis	ICD-10-CM
B67.31	Echinococcus granulosus infection, thyroid gland	Diagnosis	ICD-10-CM
B67.32	Echinococcus granulosus infection, multiple sites	Diagnosis	ICD-10-CM
B67.39	Echinococcus granulosus infection, other sites	Diagnosis	ICD-10-CM
B67.4	Echinococcus granulosus infection, unspecified	Diagnosis	ICD-10-CM
B67.5	Echinococcus multilocularis infection of liver	Diagnosis	ICD-10-CM
B67.61	Echinococcus multilocularis infection, multiple sites	Diagnosis	ICD-10-CM
B67.69	Echinococcus multilocularis infection, other sites	Diagnosis	ICD-10-CM
B67.7	Echinococcus multilocularis infection, unspecified	Diagnosis	ICD-10-CM
B67.8	Echinococcosis, unspecified, of liver	Diagnosis	ICD-10-CM
B67.90	Echinococcosis, unspecified	Diagnosis	ICD-10-CM
B67.99	Other echinococcosis	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
B68.0	Taenia solium taeniasis	Diagnosis	ICD-10-CM
B68.1	Taenia saginata taeniasis	Diagnosis	ICD-10-CM
B68.9	Taeniasis, unspecified	Diagnosis	ICD-10-CM
B69.0	Cysticercosis of central nervous system	Diagnosis	ICD-10-CM
B69.1	Cysticercosis of eye	Diagnosis	ICD-10-CM
B69.81	Myositis in cysticercosis	Diagnosis	ICD-10-CM
B69.89	Cysticercosis of other sites	Diagnosis	ICD-10-CM
B69.9	Cysticercosis, unspecified	Diagnosis	ICD-10-CM
B70.0	Diphyllobothriasis	Diagnosis	ICD-10-CM
B70.1	Sparganosis	Diagnosis	ICD-10-CM
B71.0	Hymenolepiasis	Diagnosis	ICD-10-CM
B71.1	Dipylidiasis	Diagnosis	ICD-10-CM
B71.8	Other specified cestode infections	Diagnosis	ICD-10-CM
B71.9	Cestode infection, unspecified	Diagnosis	ICD-10-CM
B72	Dracunculiasis	Diagnosis	ICD-10-CM
B73.00	Onchocerciasis with eye involvement, unspecified	Diagnosis	ICD-10-CM
B73.01	Onchocerciasis with endophthalmitis	Diagnosis	ICD-10-CM
B73.02	Onchocerciasis with glaucoma	Diagnosis	ICD-10-CM
B73.09	Onchocerciasis with other eye involvement	Diagnosis	ICD-10-CM
B73.1	Onchocerciasis without eye disease	Diagnosis	ICD-10-CM
B74.0	Filariasis due to Wuchereria bancrofti	Diagnosis	ICD-10-CM
B74.1	Filariasis due to Brugia malayi	Diagnosis	ICD-10-CM
B74.2	Filariasis due to Brugia timori	Diagnosis	ICD-10-CM
B74.3	Loiasis	Diagnosis	ICD-10-CM
B74.4	Mansonelliasis	Diagnosis	ICD-10-CM
B74.8	Other filariases	Diagnosis	ICD-10-CM
B74.9	Filariasis, unspecified	Diagnosis	ICD-10-CM
B75	Trichinellosis	Diagnosis	ICD-10-CM
B76.0	Ancylostomiasis	Diagnosis	ICD-10-CM
B76.1	Necatoriasis	Diagnosis	ICD-10-CM
B76.8	Other hookworm diseases	Diagnosis	ICD-10-CM
B76.9	Hookworm disease, unspecified	Diagnosis	ICD-10-CM
B77.0	Ascariasis with intestinal complications	Diagnosis	ICD-10-CM
B77.81	Ascariasis pneumonia	Diagnosis	ICD-10-CM
B77.89	Ascariasis with other complications	Diagnosis	ICD-10-CM
B77.9	Ascariasis, unspecified	Diagnosis	ICD-10-CM
B78.0	Intestinal strongyloidiasis	Diagnosis	ICD-10-CM
B78.7	Disseminated strongyloidiasis	Diagnosis	ICD-10-CM
B78.9	Strongyloidiasis, unspecified	Diagnosis	ICD-10-CM
B79	Trichuriasis	Diagnosis	ICD-10-CM
B80	Enterobiasis	Diagnosis	ICD-10-CM
B81.0	Anisakiasis	Diagnosis	ICD-10-CM
B81.1	Intestinal capillariasis	Diagnosis	ICD-10-CM
B81.2	Trichostrongyliasis	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
B81.3	Intestinal angiostrongyliasis	Diagnosis	ICD-10-CM
B81.4	Mixed intestinal helminthiases	Diagnosis	ICD-10-CM
B81.8	Other specified intestinal helminthiases	Diagnosis	ICD-10-CM
B82.0	Intestinal helminthiasis, unspecified	Diagnosis	ICD-10-CM
B82.9	Intestinal parasitism, unspecified	Diagnosis	ICD-10-CM
B83.0	Visceral larva migrans	Diagnosis	ICD-10-CM
B83.1	Gnathostomiasis	Diagnosis	ICD-10-CM
B83.2	Angiostrongyliasis due to <i>Parastrongylus cantonensis</i>	Diagnosis	ICD-10-CM
B83.3	Syngamiasis	Diagnosis	ICD-10-CM
B83.4	Internal hirudiniasis	Diagnosis	ICD-10-CM
B83.8	Other specified helminthiases	Diagnosis	ICD-10-CM
B83.9	Helminthiasis, unspecified	Diagnosis	ICD-10-CM
B85.0	Pediculosis due to <i>Pediculus humanus capitis</i>	Diagnosis	ICD-10-CM
B85.1	Pediculosis due to <i>Pediculus humanus corporis</i>	Diagnosis	ICD-10-CM
B85.2	Pediculosis, unspecified	Diagnosis	ICD-10-CM
B85.3	Phthiriasis	Diagnosis	ICD-10-CM
B85.4	Mixed pediculosis and phthiriasis	Diagnosis	ICD-10-CM
B86	Scabies	Diagnosis	ICD-10-CM
B87.0	Cutaneous myiasis	Diagnosis	ICD-10-CM
B87.1	Wound myiasis	Diagnosis	ICD-10-CM
B87.2	Ocular myiasis	Diagnosis	ICD-10-CM
B87.3	Nasopharyngeal myiasis	Diagnosis	ICD-10-CM
B87.4	Aural myiasis	Diagnosis	ICD-10-CM
B87.81	Genitourinary myiasis	Diagnosis	ICD-10-CM
B87.82	Intestinal myiasis	Diagnosis	ICD-10-CM
B87.89	Myiasis of other sites	Diagnosis	ICD-10-CM
B87.9	Myiasis, unspecified	Diagnosis	ICD-10-CM
B88.0	Other acariasis	Diagnosis	ICD-10-CM
B88.1	Tungiasis [sandflea infestation]	Diagnosis	ICD-10-CM
B88.2	Other arthropod infestations	Diagnosis	ICD-10-CM
B88.3	External hirudiniasis	Diagnosis	ICD-10-CM
B88.8	Other specified infestations	Diagnosis	ICD-10-CM
B88.9	Infestation, unspecified	Diagnosis	ICD-10-CM
D57.01	Hb-SS disease with acute chest syndrome	Diagnosis	ICD-10-CM
D57.211	Sickle-cell/Hb-C disease with acute chest syndrome	Diagnosis	ICD-10-CM
D57.411	Sickle-cell thalassemia, unspecified, with acute chest syndrome	Diagnosis	ICD-10-CM
D57.811	Other sickle-cell disorders with acute chest syndrome	Diagnosis	ICD-10-CM
E84.0	Cystic fibrosis with pulmonary manifestations	Diagnosis	ICD-10-CM
E84.1	Cystic fibrosis with intestinal manifestations	Diagnosis	ICD-10-CM
E84.19	Cystic fibrosis with other intestinal manifestations	Diagnosis	ICD-10-CM
E84.8	Cystic fibrosis with other manifestations	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
G47.39	Other sleep apnea	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
J00	Acute nasopharyngitis [common cold]	Diagnosis	ICD-10-CM
J01.00	Acute maxillary sinusitis, unspecified	Diagnosis	ICD-10-CM
J01.01	Acute recurrent maxillary sinusitis	Diagnosis	ICD-10-CM
J01.10	Acute frontal sinusitis, unspecified	Diagnosis	ICD-10-CM
J01.11	Acute recurrent frontal sinusitis	Diagnosis	ICD-10-CM
J01.20	Acute ethmoidal sinusitis, unspecified	Diagnosis	ICD-10-CM
J01.21	Acute recurrent ethmoidal sinusitis	Diagnosis	ICD-10-CM
J01.30	Acute sphenoidal sinusitis, unspecified	Diagnosis	ICD-10-CM
J01.31	Acute recurrent sphenoidal sinusitis	Diagnosis	ICD-10-CM
J01.40	Acute pansinusitis, unspecified	Diagnosis	ICD-10-CM
J01.41	Acute recurrent pansinusitis	Diagnosis	ICD-10-CM
J01.80	Other acute sinusitis	Diagnosis	ICD-10-CM
J01.81	Other acute recurrent sinusitis	Diagnosis	ICD-10-CM
J01.90	Acute sinusitis, unspecified	Diagnosis	ICD-10-CM
J01.91	Acute recurrent sinusitis, unspecified	Diagnosis	ICD-10-CM
J02.0	Streptococcal pharyngitis	Diagnosis	ICD-10-CM
J02.8	Acute pharyngitis due to other specified organisms	Diagnosis	ICD-10-CM
J02.9	Acute pharyngitis, unspecified	Diagnosis	ICD-10-CM
J03.00	Acute streptococcal tonsillitis, unspecified	Diagnosis	ICD-10-CM
J03.01	Acute recurrent streptococcal tonsillitis	Diagnosis	ICD-10-CM
J03.80	Acute tonsillitis due to other specified organisms	Diagnosis	ICD-10-CM
J03.81	Acute recurrent tonsillitis due to other specified organisms	Diagnosis	ICD-10-CM
J03.90	Acute tonsillitis, unspecified	Diagnosis	ICD-10-CM
J03.91	Acute recurrent tonsillitis, unspecified	Diagnosis	ICD-10-CM
J04.0	Acute laryngitis	Diagnosis	ICD-10-CM
J04.10	Acute tracheitis without obstruction	Diagnosis	ICD-10-CM
J04.11	Acute tracheitis with obstruction	Diagnosis	ICD-10-CM
J04.2	Acute laryngotracheitis	Diagnosis	ICD-10-CM
J04.30	Supraglottitis, unspecified, without obstruction	Diagnosis	ICD-10-CM
J04.31	Supraglottitis, unspecified, with obstruction	Diagnosis	ICD-10-CM
J05.0	Acute obstructive laryngitis [croup]	Diagnosis	ICD-10-CM
J05.10	Acute epiglottitis without obstruction	Diagnosis	ICD-10-CM
J05.11	Acute epiglottitis with obstruction	Diagnosis	ICD-10-CM
J06.0	Acute laryngopharyngitis	Diagnosis	ICD-10-CM
J06.9	Acute upper respiratory infection, unspecified	Diagnosis	ICD-10-CM
J09.X1	Influenza due to identified novel influenza A virus with pneumonia	Diagnosis	ICD-10-CM
J09.X2	Influenza due to identified novel influenza A virus with other respiratory manifestations	Diagnosis	ICD-10-CM
J09.X3	Influenza due to identified novel influenza A virus with gastrointestinal manifestations	Diagnosis	ICD-10-CM
J09.X9	Influenza due to identified novel influenza A virus with other manifestations	Diagnosis	ICD-10-CM
J10.00	Influenza due to other identified influenza virus with unspecified type of pneumonia	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
J10.01	Influenza due to other identified influenza virus with the same other identified influenza virus pneumonia	Diagnosis	ICD-10-CM
J10.08	Influenza due to other identified influenza virus with other specified	Diagnosis	ICD-10-CM
J10.1	Influenza due to other identified influenza virus with other respiratory manifestations	Diagnosis	ICD-10-CM
J10.2	Influenza due to other identified influenza virus with gastrointestinal manifestations	Diagnosis	ICD-10-CM
J10.81	Influenza due to other identified influenza virus with encephalopathy	Diagnosis	ICD-10-CM
J10.82	Influenza due to other identified influenza virus with myocarditis	Diagnosis	ICD-10-CM
J10.83	Influenza due to other identified influenza virus with otitis media	Diagnosis	ICD-10-CM
J10.89	Influenza due to other identified influenza virus with other manifestations	Diagnosis	ICD-10-CM
J11.00	Influenza due to unidentified influenza virus with unspecified type of pneumonia	Diagnosis	ICD-10-CM
J11.08	Influenza due to unidentified influenza virus with specified pneumonia	Diagnosis	ICD-10-CM
J11.1	Influenza due to unidentified influenza virus with other respiratory manifestations	Diagnosis	ICD-10-CM
J11.2	Influenza due to unidentified influenza virus with gastrointestinal manifestations	Diagnosis	ICD-10-CM
J11.81	Influenza due to unidentified influenza virus with encephalopathy	Diagnosis	ICD-10-CM
J11.82	Influenza due to unidentified influenza virus with myocarditis	Diagnosis	ICD-10-CM
J11.83	Influenza due to unidentified influenza virus with otitis media	Diagnosis	ICD-10-CM
J11.89	Influenza due to unidentified influenza virus with other manifestations	Diagnosis	ICD-10-CM
J12.0	Adenoviral pneumonia	Diagnosis	ICD-10-CM
J12.1	Respiratory syncytial virus pneumonia	Diagnosis	ICD-10-CM
J12.2	Parainfluenza virus pneumonia	Diagnosis	ICD-10-CM
J12.3	Human metapneumovirus pneumonia	Diagnosis	ICD-10-CM
J12.81	Pneumonia due to SARS-associated coronavirus	Diagnosis	ICD-10-CM
J12.89	Other viral pneumonia	Diagnosis	ICD-10-CM
J12.9	Viral pneumonia, unspecified	Diagnosis	ICD-10-CM
J13	Pneumonia due to Streptococcus pneumoniae	Diagnosis	ICD-10-CM
J14	Pneumonia due to Hemophilus influenzae	Diagnosis	ICD-10-CM
J15.0	Pneumonia due to Klebsiella pneumoniae	Diagnosis	ICD-10-CM
J15.1	Pneumonia due to Pseudomonas	Diagnosis	ICD-10-CM
J15.20	Pneumonia due to staphylococcus, unspecified	Diagnosis	ICD-10-CM
J15.211	Pneumonia due to Methicillin susceptible Staphylococcus aureus	Diagnosis	ICD-10-CM
J15.212	Pneumonia due to Methicillin resistant Staphylococcus aureus	Diagnosis	ICD-10-CM
J15.29	Pneumonia due to other staphylococcus	Diagnosis	ICD-10-CM
J15.3	Pneumonia due to streptococcus, group B	Diagnosis	ICD-10-CM
J15.4	Pneumonia due to other streptococci	Diagnosis	ICD-10-CM
J15.5	Pneumonia due to Escherichia coli	Diagnosis	ICD-10-CM
J15.6	Pneumonia due to other Gram-negative bacteria	Diagnosis	ICD-10-CM
J15.7	Pneumonia due to Mycoplasma pneumoniae	Diagnosis	ICD-10-CM
J15.8	Pneumonia due to other specified bacteria	Diagnosis	ICD-10-CM
J15.9	Unspecified bacterial pneumonia	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
J16.0	Chlamydial pneumonia	Diagnosis	ICD-10-CM
J16.8	Pneumonia due to other specified infectious organisms	Diagnosis	ICD-10-CM
J17	Pneumonia in diseases classified elsewhere	Diagnosis	ICD-10-CM
J18.0	Bronchopneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.1	Lobar pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.2	Hypostatic pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.8	Other pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.9	Pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J20.0	Acute bronchitis due to Mycoplasma pneumoniae	Diagnosis	ICD-10-CM
J20.1	Acute bronchitis due to Hemophilus influenzae	Diagnosis	ICD-10-CM
J20.2	Acute bronchitis due to streptococcus	Diagnosis	ICD-10-CM
J20.3	Acute bronchitis due to coxsackievirus	Diagnosis	ICD-10-CM
J20.4	Acute bronchitis due to parainfluenza virus	Diagnosis	ICD-10-CM
J20.5	Acute bronchitis due to respiratory syncytial virus	Diagnosis	ICD-10-CM
J20.6	Acute bronchitis due to rhinovirus	Diagnosis	ICD-10-CM
J20.7	Acute bronchitis due to echovirus	Diagnosis	ICD-10-CM
J20.8	Acute bronchitis due to other specified organisms	Diagnosis	ICD-10-CM
J20.9	Acute bronchitis, unspecified	Diagnosis	ICD-10-CM
J21.0	Acute bronchiolitis due to respiratory syncytial virus	Diagnosis	ICD-10-CM
J21.1	Acute bronchiolitis due to human metapneumovirus	Diagnosis	ICD-10-CM
J21.8	Acute bronchiolitis due to other specified organisms	Diagnosis	ICD-10-CM
J21.9	Acute bronchiolitis, unspecified	Diagnosis	ICD-10-CM
J22	Unspecified acute lower respiratory infection	Diagnosis	ICD-10-CM
J30.0	Vasomotor rhinitis	Diagnosis	ICD-10-CM
J30.1	Allergic rhinitis due to pollen	Diagnosis	ICD-10-CM
J30.2	Other seasonal allergic rhinitis	Diagnosis	ICD-10-CM
J30.81	Allergic rhinitis due to animal (cat) (dog) hair and dander	Diagnosis	ICD-10-CM
J30.89	Other allergic rhinitis	Diagnosis	ICD-10-CM
J30.9	Allergic rhinitis, unspecified	Diagnosis	ICD-10-CM
J31.0	Chronic rhinitis	Diagnosis	ICD-10-CM
J31.1	Chronic nasopharyngitis	Diagnosis	ICD-10-CM
J31.2	Chronic pharyngitis	Diagnosis	ICD-10-CM
J32.0	Chronic maxillary sinusitis	Diagnosis	ICD-10-CM
J32.1	Chronic frontal sinusitis	Diagnosis	ICD-10-CM
J32.2	Chronic ethmoidal sinusitis	Diagnosis	ICD-10-CM
J32.3	Chronic sphenoidal sinusitis	Diagnosis	ICD-10-CM
J32.4	Chronic pansinusitis	Diagnosis	ICD-10-CM
J32.8	Other chronic sinusitis	Diagnosis	ICD-10-CM
J32.9	Chronic sinusitis, unspecified	Diagnosis	ICD-10-CM
J33.0	Polyp of nasal cavity	Diagnosis	ICD-10-CM
J33.1	Polypoid sinus degeneration	Diagnosis	ICD-10-CM
J33.8	Other polyp of sinus	Diagnosis	ICD-10-CM
J33.9	Nasal polyp, unspecified	Diagnosis	ICD-10-CM
J34.0	Abscess, furuncle and carbuncle of nose	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
J34.1	Cyst and mucocele of nose and nasal sinus	Diagnosis	ICD-10-CM
J34.2	Deviated nasal septum	Diagnosis	ICD-10-CM
J34.3	Hypertrophy of nasal turbinates	Diagnosis	ICD-10-CM
J34.81	Nasal mucositis (ulcerative)	Diagnosis	ICD-10-CM
J34.89	Other specified disorders of nose and nasal sinuses	Diagnosis	ICD-10-CM
J34.9	Unspecified disorder of nose and nasal sinuses	Diagnosis	ICD-10-CM
J35.01	Chronic tonsillitis	Diagnosis	ICD-10-CM
J35.02	Chronic adenoiditis	Diagnosis	ICD-10-CM
J35.03	Chronic tonsillitis and adenoiditis	Diagnosis	ICD-10-CM
J35.1	Hypertrophy of tonsils	Diagnosis	ICD-10-CM
J35.2	Hypertrophy of adenoids	Diagnosis	ICD-10-CM
J35.3	Hypertrophy of tonsils with hypertrophy of adenoids	Diagnosis	ICD-10-CM
J35.8	Other chronic diseases of tonsils and adenoids	Diagnosis	ICD-10-CM
J35.9	Chronic disease of tonsils and adenoids, unspecified	Diagnosis	ICD-10-CM
J36	Peritonsillar abscess	Diagnosis	ICD-10-CM
J37.0	Chronic laryngitis	Diagnosis	ICD-10-CM
J37.1	Chronic laryngotracheitis	Diagnosis	ICD-10-CM
J38.00	Paralysis of vocal cords and larynx, unspecified	Diagnosis	ICD-10-CM
J38.01	Paralysis of vocal cords and larynx, unilateral	Diagnosis	ICD-10-CM
J38.02	Paralysis of vocal cords and larynx, bilateral	Diagnosis	ICD-10-CM
J38.1	Polyp of vocal cord and larynx	Diagnosis	ICD-10-CM
J38.2	Nodules of vocal cords	Diagnosis	ICD-10-CM
J38.3	Other diseases of vocal cords	Diagnosis	ICD-10-CM
J38.4	Edema of larynx	Diagnosis	ICD-10-CM
J38.5	Laryngeal spasm	Diagnosis	ICD-10-CM
J38.6	Stenosis of larynx	Diagnosis	ICD-10-CM
J38.7	Other diseases of larynx	Diagnosis	ICD-10-CM
J39.0	Retropharyngeal and parapharyngeal abscess	Diagnosis	ICD-10-CM
J39.1	Other abscess of pharynx	Diagnosis	ICD-10-CM
J39.2	Other diseases of pharynx	Diagnosis	ICD-10-CM
J39.3	Upper respiratory tract hypersensitivity reaction, site unspecified	Diagnosis	ICD-10-CM
J39.8	Other specified diseases of upper respiratory tract	Diagnosis	ICD-10-CM
J39.9	Disease of upper respiratory tract, unspecified	Diagnosis	ICD-10-CM
J40	Bronchitis, not specified as acute or chronic	Diagnosis	ICD-10-CM
J41.0	Simple chronic bronchitis	Diagnosis	ICD-10-CM
J41.1	Mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J41.8	Mixed simple and mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J42	Unspecified chronic bronchitis	Diagnosis	ICD-10-CM
J43	Emphysema	Diagnosis	ICD-10-CM
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]	Diagnosis	ICD-10-CM
J43.1	Panlobular emphysema	Diagnosis	ICD-10-CM
J43.2	Centrilobular emphysema	Diagnosis	ICD-10-CM
J43.8	Other emphysema	Diagnosis	ICD-10-CM
J43.9	Emphysema, unspecified	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
J44	Other chronic obstructive pulmonary disease	Diagnosis	ICD-10-CM
J44.9	Chronic obstructive pulmonary disease, unspecified	Diagnosis	ICD-10-CM
J47.0	Bronchiectasis with acute lower respiratory infection	Diagnosis	ICD-10-CM
J47.1	Bronchiectasis with (acute) exacerbation	Diagnosis	ICD-10-CM
J47.9	Bronchiectasis, uncomplicated	Diagnosis	ICD-10-CM
J60	Coalworker's pneumoconiosis	Diagnosis	ICD-10-CM
J61	Pneumoconiosis due to asbestos and other mineral fibers	Diagnosis	ICD-10-CM
J62	Pneumoconiosis due to dust containing silica	Diagnosis	ICD-10-CM
J62.0	Pneumoconiosis due to talc dust	Diagnosis	ICD-10-CM
J62.8	Pneumoconiosis due to other dust containing silica	Diagnosis	ICD-10-CM
J63	Pneumoconiosis due to other inorganic dusts	Diagnosis	ICD-10-CM
J63.0	Aluminosis (of lung)	Diagnosis	ICD-10-CM
J63.1	Bauxite fibrosis (of lung)	Diagnosis	ICD-10-CM
J63.2	Berylliosis	Diagnosis	ICD-10-CM
J63.3	Graphite fibrosis (of lung)	Diagnosis	ICD-10-CM
J63.4	Siderosis	Diagnosis	ICD-10-CM
J63.5	Stannosis	Diagnosis	ICD-10-CM
J63.6	Pneumoconiosis due to other specified inorganic dusts	Diagnosis	ICD-10-CM
J64	Unspecified pneumoconiosis	Diagnosis	ICD-10-CM
J65	Pneumoconiosis associated with tuberculosis	Diagnosis	ICD-10-CM
J66.0	Byssinosis	Diagnosis	ICD-10-CM
J66.1	Flax-dressers' disease	Diagnosis	ICD-10-CM
J66.2	Cannabinosis	Diagnosis	ICD-10-CM
J66.8	Airway disease due to other specific organic dusts	Diagnosis	ICD-10-CM
J67.0	Farmer's lung	Diagnosis	ICD-10-CM
J67.1	Bagassosis	Diagnosis	ICD-10-CM
J67.2	Bird fancier's lung	Diagnosis	ICD-10-CM
J67.3	Suberosis	Diagnosis	ICD-10-CM
J67.4	Maltworker's lung	Diagnosis	ICD-10-CM
J67.5	Mushroom-worker's lung	Diagnosis	ICD-10-CM
J67.6	Maple-bark-stripper's lung	Diagnosis	ICD-10-CM
J67.7	Air conditioner and humidifier lung	Diagnosis	ICD-10-CM
J67.8	Hypersensitivity pneumonitis due to other organic dusts	Diagnosis	ICD-10-CM
J67.9	Hypersensitivity pneumonitis due to unspecified organic dust	Diagnosis	ICD-10-CM
J68.0	Bronchitis and pneumonitis due to chemicals, gases, fumes and vapors	Diagnosis	ICD-10-CM
J68.1	Pulmonary edema due to chemicals, gases, fumes and vapors	Diagnosis	ICD-10-CM
J68.2	Upper respiratory inflammation due to chemicals, gases, fumes and vapors, not elsewhere classified	Diagnosis	ICD-10-CM
J68.3	Other acute and subacute respiratory conditions due to chemicals, gases, fumes and vapors	Diagnosis	ICD-10-CM
J68.4	Chronic respiratory conditions due to chemicals, gases, fumes and vapors	Diagnosis	ICD-10-CM
J68.8	Other respiratory conditions due to chemicals, gases, fumes and vapors	Diagnosis	ICD-10-CM
J68.9	Unspecified respiratory condition due to chemicals, gases, fumes and vapors	Diagnosis	ICD-10-CM
J69.0	Pneumonitis due to inhalation of food and vomit	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
J69.1	Pneumonitis due to inhalation of oils and essences	Diagnosis	ICD-10-CM
J69.8	Pneumonitis due to inhalation of other solids and liquids	Diagnosis	ICD-10-CM
J70	Respiratory conditions due to other external agents	Diagnosis	ICD-10-CM
J70.0	Acute pulmonary manifestations due to radiation	Diagnosis	ICD-10-CM
J70.1	Chronic and other pulmonary manifestations due to radiation	Diagnosis	ICD-10-CM
J70.2	Acute drug-induced interstitial lung disorders	Diagnosis	ICD-10-CM
J70.3	Chronic drug-induced interstitial lung disorders	Diagnosis	ICD-10-CM
J70.4	Drug-induced interstitial lung disorders, unspecified	Diagnosis	ICD-10-CM
J70.5	Respiratory conditions due to smoke inhalation	Diagnosis	ICD-10-CM
J70.8	Respiratory conditions due to other specified external agents	Diagnosis	ICD-10-CM
J70.9	Respiratory conditions due to unspecified external agent	Diagnosis	ICD-10-CM
J80	Acute respiratory distress syndrome	Diagnosis	ICD-10-CM
J81.0	Acute pulmonary edema	Diagnosis	ICD-10-CM
J81.1	Chronic pulmonary edema	Diagnosis	ICD-10-CM
J82	Pulmonary eosinophilia, not elsewhere classified	Diagnosis	ICD-10-CM
J82.8	Pulmonary eosinophilia, not elsewhere classified	Diagnosis	ICD-10-CM
J82.89	Other pulmonary eosinophilia, not elsewhere classified	Diagnosis	ICD-10-CM
J84	Other interstitial pulmonary diseases	Diagnosis	ICD-10-CM
J84.0	Alveolar and parieto-alveolar conditions	Diagnosis	ICD-10-CM
J84.01	Alveolar proteinosis	Diagnosis	ICD-10-CM
J84.02	Pulmonary alveolar microlithiasis	Diagnosis	ICD-10-CM
J84.03	Idiopathic pulmonary hemosiderosis	Diagnosis	ICD-10-CM
J84.09	Other alveolar and parieto-alveolar conditions	Diagnosis	ICD-10-CM
J84.1	Other interstitial pulmonary diseases with fibrosis	Diagnosis	ICD-10-CM
J84.10	Pulmonary fibrosis, unspecified	Diagnosis	ICD-10-CM
J84.111	Idiopathic interstitial pneumonia, not otherwise specified	Diagnosis	ICD-10-CM
J84.112	Idiopathic pulmonary fibrosis	Diagnosis	ICD-10-CM
J84.113	Idiopathic non-specific interstitial pneumonitis	Diagnosis	ICD-10-CM
J84.114	Acute interstitial pneumonitis	Diagnosis	ICD-10-CM
J84.115	Respiratory bronchiolitis interstitial lung disease	Diagnosis	ICD-10-CM
J84.116	Cryptogenic organizing pneumonia	Diagnosis	ICD-10-CM
J84.117	Desquamative interstitial pneumonia	Diagnosis	ICD-10-CM
J84.17	Other interstitial pulmonary diseases with fibrosis in diseases classified elsewhere	Diagnosis	ICD-10-CM
J84.170	Interstitial lung disease with progressive fibrotic phenotype in diseases classified elsewhere	Diagnosis	ICD-10-CM
J84.178	Other interstitial pulmonary diseases with fibrosis in diseases classified elsewhere	Diagnosis	ICD-10-CM
J84.2	Lymphoid interstitial pneumonia	Diagnosis	ICD-10-CM
J84.8	Other specified interstitial pulmonary diseases	Diagnosis	ICD-10-CM
J84.81	Lymphangioliomyomatosis	Diagnosis	ICD-10-CM
J84.82	Adult pulmonary Langerhans cell histiocytosis	Diagnosis	ICD-10-CM
J84.83	Surfactant mutations of the lung	Diagnosis	ICD-10-CM
J84.84	Other interstitial lung diseases of childhood	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
J84.841	Neuroendocrine cell hyperplasia of infancy	Diagnosis	ICD-10-CM
J84.842	Pulmonary interstitial glycogenosis	Diagnosis	ICD-10-CM
J84.843	Alveolar capillary dysplasia with vein misalignment	Diagnosis	ICD-10-CM
J84.848	Other interstitial lung diseases of childhood	Diagnosis	ICD-10-CM
J84.89	Other specified interstitial pulmonary diseases	Diagnosis	ICD-10-CM
J84.9	Interstitial pulmonary disease, unspecified	Diagnosis	ICD-10-CM
J85.0	Gangrene and necrosis of lung	Diagnosis	ICD-10-CM
J85.1	Abscess of lung with pneumonia	Diagnosis	ICD-10-CM
J85.2	Abscess of lung without pneumonia	Diagnosis	ICD-10-CM
J85.3	Abscess of mediastinum	Diagnosis	ICD-10-CM
J86.0	Pyothorax with fistula	Diagnosis	ICD-10-CM
J86.9	Pyothorax without fistula	Diagnosis	ICD-10-CM
J90	Pleural effusion, not elsewhere classified	Diagnosis	ICD-10-CM
J91	Pleural effusion in conditions classified elsewhere	Diagnosis	ICD-10-CM
J91.8	Pleural effusion in other conditions classified elsewhere	Diagnosis	ICD-10-CM
J92.0	Pleural plaque with presence of asbestos	Diagnosis	ICD-10-CM
J92.9	Pleural plaque without asbestos	Diagnosis	ICD-10-CM
J93.0	Spontaneous tension pneumothorax	Diagnosis	ICD-10-CM
J93.11	Primary spontaneous pneumothorax	Diagnosis	ICD-10-CM
J93.12	Secondary spontaneous pneumothorax	Diagnosis	ICD-10-CM
J93.81	Chronic pneumothorax	Diagnosis	ICD-10-CM
J93.82	Other air leak	Diagnosis	ICD-10-CM
J93.83	Other pneumothorax	Diagnosis	ICD-10-CM
J93.9	Pneumothorax, unspecified	Diagnosis	ICD-10-CM
J94.0	Chylous effusion	Diagnosis	ICD-10-CM
J94.1	Fibrothorax	Diagnosis	ICD-10-CM
J94.2	Hemothorax	Diagnosis	ICD-10-CM
J94.8	Other specified pleural conditions	Diagnosis	ICD-10-CM
J94.9	Pleural condition, unspecified	Diagnosis	ICD-10-CM
J95.1	Acute pulmonary insufficiency following thoracic surgery	Diagnosis	ICD-10-CM
J95.2	Acute pulmonary insufficiency following nonthoracic surgery	Diagnosis	ICD-10-CM
J95.3	Chronic pulmonary insufficiency following surgery	Diagnosis	ICD-10-CM
J95.821	Acute postprocedural respiratory failure	Diagnosis	ICD-10-CM
J95.822	Acute and chronic postprocedural respiratory failure	Diagnosis	ICD-10-CM
J95.850	Mechanical complication of respirator	Diagnosis	ICD-10-CM
J96.00	Acute respiratory failure, unspecified whether with hypoxia or hypercapnia	Diagnosis	ICD-10-CM
J96.01	Acute respiratory failure with hypoxia	Diagnosis	ICD-10-CM
J96.02	Acute respiratory failure with hypercapnia	Diagnosis	ICD-10-CM
J96.1	Chronic respiratory failure	Diagnosis	ICD-10-CM
J96.10	Chronic respiratory failure, unspecified whether with hypoxia or hypercapnia	Diagnosis	ICD-10-CM
J96.11	Chronic respiratory failure with hypoxia	Diagnosis	ICD-10-CM
J96.12	Chronic respiratory failure with hypercapnia	Diagnosis	ICD-10-CM
J96.20	Acute and chronic respiratory failure, unspecified whether with hypoxia or hypercapnia	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
J96.21	Acute and chronic respiratory failure with hypoxia	Diagnosis	ICD-10-CM
J96.22	Acute and chronic respiratory failure with hypercapnia	Diagnosis	ICD-10-CM
J96.90	Respiratory failure, unspecified, unspecified whether with hypoxia or hypercapnia	Diagnosis	ICD-10-CM
J96.91	Respiratory failure, unspecified with hypoxia	Diagnosis	ICD-10-CM
J96.92	Respiratory failure, unspecified with hypercapnia	Diagnosis	ICD-10-CM
J98.01	Acute bronchospasm	Diagnosis	ICD-10-CM
J98.09	Other diseases of bronchus, not elsewhere classified	Diagnosis	ICD-10-CM
J98.11	Atelectasis	Diagnosis	ICD-10-CM
J98.19	Other pulmonary collapse	Diagnosis	ICD-10-CM
J98.2	Interstitial emphysema	Diagnosis	ICD-10-CM
J98.3	Compensatory emphysema	Diagnosis	ICD-10-CM
J98.4	Other disorders of lung	Diagnosis	ICD-10-CM
J98.51	Mediastinitis	Diagnosis	ICD-10-CM
J98.59	Other diseases of mediastinum, not elsewhere classified	Diagnosis	ICD-10-CM
J98.6	Disorders of diaphragm	Diagnosis	ICD-10-CM
J98.8	Other specified respiratory disorders	Diagnosis	ICD-10-CM
J98.9	Respiratory disorder, unspecified	Diagnosis	ICD-10-CM
J99	Respiratory disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
M32.13	Lung involvement in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M33.01	Juvenile dermatomyositis with respiratory involvement	Diagnosis	ICD-10-CM
M33.11	Other dermatomyositis with respiratory involvement	Diagnosis	ICD-10-CM
M33.21	Polymyositis with respiratory involvement	Diagnosis	ICD-10-CM
M33.91	Dermatopolymyositis, unspecified with respiratory involvement	Diagnosis	ICD-10-CM
M34.81	Systemic sclerosis with lung involvement	Diagnosis	ICD-10-CM
M35.02	Sjogren syndrome with lung involvement	Diagnosis	ICD-10-CM
P25	Interstitial emphysema and related conditions originating in the perinatal period	Diagnosis	ICD-10-CM
P27	Chronic respiratory disease originating in the perinatal period	Diagnosis	ICD-10-CM
P27.0	Wilson-Mikity syndrome	Diagnosis	ICD-10-CM
P27.1	Bronchopulmonary dysplasia originating in the perinatal period	Diagnosis	ICD-10-CM
P27.8	Other chronic respiratory diseases originating in the perinatal period	Diagnosis	ICD-10-CM
P27.9	Unspecified chronic respiratory disease originating in the perinatal period	Diagnosis	ICD-10-CM
R04.0	Epistaxis	Diagnosis	ICD-10-CM
R04.1	Hemorrhage from throat	Diagnosis	ICD-10-CM
R04.2	Hemoptysis	Diagnosis	ICD-10-CM
R04.81	Acute idiopathic pulmonary hemorrhage in infants	Diagnosis	ICD-10-CM
R04.89	Hemorrhage from other sites in respiratory passages	Diagnosis	ICD-10-CM
R04.9	Hemorrhage from respiratory passages, unspecified	Diagnosis	ICD-10-CM
R05	Cough	Diagnosis	ICD-10-CM
R06.00	Dyspnea, unspecified	Diagnosis	ICD-10-CM
R06.01	Orthopnea	Diagnosis	ICD-10-CM
R06.02	Shortness of breath	Diagnosis	ICD-10-CM
R06.03	Acute respiratory distress	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
R06.09	Other forms of dyspnea	Diagnosis	ICD-10-CM
R06.1	Stridor	Diagnosis	ICD-10-CM
R06.2	Wheezing	Diagnosis	ICD-10-CM
R06.3	Periodic breathing	Diagnosis	ICD-10-CM
R06.4	Hyperventilation	Diagnosis	ICD-10-CM
R06.5	Mouth breathing	Diagnosis	ICD-10-CM
R06.6	Hiccough	Diagnosis	ICD-10-CM
R06.7	Sneezing	Diagnosis	ICD-10-CM
R06.81	Apnea, not elsewhere classified	Diagnosis	ICD-10-CM
R06.82	Tachypnea, not elsewhere classified	Diagnosis	ICD-10-CM
R06.83	Snoring	Diagnosis	ICD-10-CM
R06.89	Other abnormalities of breathing	Diagnosis	ICD-10-CM
R06.9	Unspecified abnormalities of breathing	Diagnosis	ICD-10-CM
R07.0	Pain in throat	Diagnosis	ICD-10-CM
R07.1	Chest pain on breathing	Diagnosis	ICD-10-CM
R07.81	Pleurodynia	Diagnosis	ICD-10-CM
R09.1	Pleurisy	Diagnosis	ICD-10-CM
R09.2	Respiratory arrest	Diagnosis	ICD-10-CM
R09.3	Abnormal sputum	Diagnosis	ICD-10-CM
R09.81	Nasal congestion	Diagnosis	ICD-10-CM
R09.82	Postnasal drip	Diagnosis	ICD-10-CM
R09.89	Other specified symptoms and signs involving the circulatory and respiratory systems	Diagnosis	ICD-10-CM
R19.6	Halitosis	Diagnosis	ICD-10-CM
R22.2	Localized swelling, mass and lump, trunk	Diagnosis	ICD-10-CM
R23.0	Cyanosis	Diagnosis	ICD-10-CM
R47.89	Other speech disturbances	Diagnosis	ICD-10-CM
R49.0	Dysphonia	Diagnosis	ICD-10-CM
R49.1	Aphonia	Diagnosis	ICD-10-CM
R49.21	Hypernasality	Diagnosis	ICD-10-CM
R49.22	Hyponasality	Diagnosis	ICD-10-CM
R49.8	Other voice and resonance disorders	Diagnosis	ICD-10-CM
R49.9	Unspecified voice and resonance disorder	Diagnosis	ICD-10-CM
R91.1	Solitary pulmonary nodule	Diagnosis	ICD-10-CM
R91.8	Other nonspecific abnormal finding of lung field	Diagnosis	ICD-10-CM
R94.2	Abnormal results of pulmonary function studies	Diagnosis	ICD-10-CM
V12.6	Personal history of diseases of respiratory system	Diagnosis	ICD-9-CM
V12.60	Personal history, unspecified disease of respiratory system	Diagnosis	ICD-9-CM
V12.61	Personal history, Pneumonia (recurrent)	Diagnosis	ICD-9-CM
V12.69	Personal history, Other diseases of respiratory system	Diagnosis	ICD-9-CM
V41.4	Problems with voice production	Diagnosis	ICD-9-CM
V42.6	Lung replaced by transplant	Diagnosis	ICD-9-CM
V44.0	Tracheostomy status	Diagnosis	ICD-9-CM
V46.1	Dependence on Respirator [Ventilator]	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
V46.11	Dependence on respirator, status	Diagnosis	ICD-9-CM
V46.12	Encounter for respirator dependence during power failure	Diagnosis	ICD-9-CM
V46.13	Encounter for weaning from respirator [ventilator]	Diagnosis	ICD-9-CM
V46.14	Mechanical complication of respirator [ventilator]	Diagnosis	ICD-9-CM
V46.2	Dependence on machine for supplemental oxygen	Diagnosis	ICD-9-CM
V55.0	Attention to tracheostomy	Diagnosis	ICD-9-CM
Z43.0	Encounter for attention to tracheostomy	Diagnosis	ICD-10-CM
Z48.24	Encounter for aftercare following lung transplant	Diagnosis	ICD-10-CM
Z48.280	Encounter for aftercare following heart-lung transplant	Diagnosis	ICD-10-CM
Z87.01	Personal history of pneumonia (recurrent)	Diagnosis	ICD-10-CM
Z87.09	Personal history of other diseases of the respiratory system	Diagnosis	ICD-10-CM
Z93.0	Tracheostomy status	Diagnosis	ICD-10-CM
Z94.2	Lung transplant status	Diagnosis	ICD-10-CM
Z94.3	Heart and lungs transplant status	Diagnosis	ICD-10-CM
Z99.11	Dependence on respirator [ventilator] status	Diagnosis	ICD-10-CM
Z99.12	Encounter for respirator [ventilator] dependence during power failure	Diagnosis	ICD-10-CM
Z99.81	Dependence on supplemental oxygen	Diagnosis	ICD-10-CM
<b>Self Harm - Poisoning</b>			
T36.0X2	Poisoning by penicillins, intentional self-harm	Diagnosis	ICD-10-CM
T36.0X2A	Poisoning by penicillins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.0X2D	Poisoning by penicillins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.0X2S	Poisoning by penicillins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.1X2	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm	Diagnosis	ICD-10-CM
T36.1X2A	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.1X2D	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.1X2S	Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.2X2	Poisoning by chloramphenicol group, intentional self-harm	Diagnosis	ICD-10-CM
T36.2X2A	Poisoning by chloramphenicol group, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.2X2D	Poisoning by chloramphenicol group, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.2X2S	Poisoning by chloramphenicol group, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.3X2	Poisoning by macrolides, intentional self-harm	Diagnosis	ICD-10-CM
T36.3X2A	Poisoning by macrolides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.3X2D	Poisoning by macrolides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.3X2S	Poisoning by macrolides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.4X2	Poisoning by tetracyclines, intentional self-harm	Diagnosis	ICD-10-CM
T36.4X2A	Poisoning by tetracyclines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.4X2D	Poisoning by tetracyclines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.4X2S	Poisoning by tetracyclines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.5X2	Poisoning by aminoglycosides, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T36.5X2A	Poisoning by aminoglycosides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.5X2D	Poisoning by aminoglycosides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.5X2S	Poisoning by aminoglycosides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.6X2	Poisoning by rifampicins, intentional self-harm	Diagnosis	ICD-10-CM
T36.6X2A	Poisoning by rifampicins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.6X2D	Poisoning by rifampicins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.6X2S	Poisoning by rifampicins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.7X2	Poisoning by antifungal antibiotics, systemically used, intentional self-harm	Diagnosis	ICD-10-CM
T36.7X2A	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.7X2D	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.7X2S	Poisoning by antifungal antibiotics, systemically used, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.8X2	Poisoning by other systemic antibiotics, intentional self-harm	Diagnosis	ICD-10-CM
T36.8X2A	Poisoning by other systemic antibiotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.8X2D	Poisoning by other systemic antibiotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.8X2S	Poisoning by other systemic antibiotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T36.92	Poisoning by unspecified systemic antibiotic, intentional self-harm	Diagnosis	ICD-10-CM
T36.92XA	Poisoning by unspecified systemic antibiotic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T36.92XD	Poisoning by unspecified systemic antibiotic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T36.92XS	Poisoning by unspecified systemic antibiotic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.0X2	Poisoning by sulfonamides, intentional self-harm	Diagnosis	ICD-10-CM
T37.0X2A	Poisoning by sulfonamides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.0X2D	Poisoning by sulfonamides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.0X2S	Poisoning by sulfonamides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.1X2	Poisoning by antimycobacterial drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.1X2A	Poisoning by antimycobacterial drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.1X2D	Poisoning by antimycobacterial drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.1X2S	Poisoning by antimycobacterial drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.2X2	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm	Diagnosis	ICD-10-CM
T37.2X2A	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.2X2D	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.2X2S	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.3X2	Poisoning by other antiprotozoal drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.3X2A	Poisoning by other antiprotozoal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T37.3X2D	Poisoning by other antiprotozoal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.3X2S	Poisoning by other antiprotozoal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.4X2	Poisoning by anthelmintics, intentional self-harm	Diagnosis	ICD-10-CM
T37.4X2A	Poisoning by anthelmintics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.4X2D	Poisoning by anthelmintics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.4X2S	Poisoning by anthelmintics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.5X2	Poisoning by antiviral drugs, intentional self-harm	Diagnosis	ICD-10-CM
T37.5X2A	Poisoning by antiviral drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.5X2D	Poisoning by antiviral drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.5X2S	Poisoning by antiviral drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.8X2	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm	Diagnosis	ICD-10-CM
T37.8X2A	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.8X2D	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.8X2S	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T37.92	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm	Diagnosis	ICD-10-CM
T37.92XA	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T37.92XD	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T37.92XS	Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.0X2	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm	Diagnosis	ICD-10-CM
T38.0X2A	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.0X2D	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.0X2S	Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.1X2	Poisoning by thyroid hormones and substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.1X2A	Poisoning by thyroid hormones and substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.1X2D	Poisoning by thyroid hormones and substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.1X2S	Poisoning by thyroid hormones and substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.2X2	Poisoning by antithyroid drugs, intentional self-harm	Diagnosis	ICD-10-CM
T38.2X2A	Poisoning by antithyroid drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.2X2D	Poisoning by antithyroid drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.2X2S	Poisoning by antithyroid drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T38.3X2	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm	Diagnosis	ICD-10-CM
T38.3X2A	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.3X2D	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.3X2S	Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.4X2	Poisoning by oral contraceptives, intentional self-harm	Diagnosis	ICD-10-CM
T38.4X2A	Poisoning by oral contraceptives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.4X2D	Poisoning by oral contraceptives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.4X2S	Poisoning by oral contraceptives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.5X2	Poisoning by other estrogens and progestogens, intentional self-harm	Diagnosis	ICD-10-CM
T38.5X2A	Poisoning by other estrogens and progestogens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.5X2D	Poisoning by other estrogens and progestogens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.5X2S	Poisoning by other estrogens and progestogens, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.6X2	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T38.6X2A	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.6X2D	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.6X2S	Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.7X2	Poisoning by androgens and anabolic congeners, intentional self-harm	Diagnosis	ICD-10-CM
T38.7X2A	Poisoning by androgens and anabolic congeners, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.7X2D	Poisoning by androgens and anabolic congeners, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.7X2S	Poisoning by androgens and anabolic congeners, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.802	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.802A	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.802D	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.802S	Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.812	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm	Diagnosis	ICD-10-CM
T38.812A	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T38.812D	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.812S	Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.892	Poisoning by other hormones and synthetic substitutes, intentional self-harm	Diagnosis	ICD-10-CM
T38.892A	Poisoning by other hormones and synthetic substitutes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.892D	Poisoning by other hormones and synthetic substitutes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.892S	Poisoning by other hormones and synthetic substitutes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.902	Poisoning by unspecified hormone antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T38.902A	Poisoning by unspecified hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.902D	Poisoning by unspecified hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.902S	Poisoning by unspecified hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T38.992	Poisoning by other hormone antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T38.992A	Poisoning by other hormone antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T38.992D	Poisoning by other hormone antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T38.992S	Poisoning by other hormone antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.012	Poisoning by aspirin, intentional self-harm	Diagnosis	ICD-10-CM
T39.012A	Poisoning by aspirin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.012D	Poisoning by aspirin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.012S	Poisoning by aspirin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.092	Poisoning by salicylates, intentional self-harm	Diagnosis	ICD-10-CM
T39.092A	Poisoning by salicylates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.092D	Poisoning by salicylates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.092S	Poisoning by salicylates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.1X2	Poisoning by 4-Aminophenol derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.1X2A	Poisoning by 4-Aminophenol derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.1X2D	Poisoning by 4-Aminophenol derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.1X2S	Poisoning by 4-Aminophenol derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.2X2	Poisoning by pyrazolone derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.2X2A	Poisoning by pyrazolone derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.2X2D	Poisoning by pyrazolone derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.2X2S	Poisoning by pyrazolone derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.312	Poisoning by propionic acid derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T39.312A	Poisoning by propionic acid derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T39.312D	Poisoning by propionic acid derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.312S	Poisoning by propionic acid derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.392	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm	Diagnosis	ICD-10-CM
T39.392A	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.392D	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.392S	Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.4X2	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T39.4X2A	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.4X2D	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.4X2S	Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.8X2	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T39.8X2A	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.8X2D	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.8X2S	Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T39.92	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm	Diagnosis	ICD-10-CM
T39.92XA	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T39.92XD	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T39.92XS	Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.0X2	Poisoning by opium, intentional self-harm	Diagnosis	ICD-10-CM
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.1X2	Poisoning by heroin, intentional self-harm	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
T40.2X2	Poisoning by other opioids, intentional self-harm	Diagnosis	ICD-10-CM
T40.2X2A	Poisoning by other opioids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T40.2X2D	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
T40.3X2	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
T40.412	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 encounter	Diagnosis	ICD-10-CM
T40.412S	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela	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
T40.492	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.492A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.492D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.492S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.4X2	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.5X2	Poisoning by cocaine, intentional self-harm	Diagnosis	ICD-10-CM
T40.5X2A	Poisoning by cocaine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.5X2D	Poisoning by cocaine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X2S	Poisoning by cocaine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.602	Poisoning by unspecified narcotics, intentional self-harm	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
T40.692	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
T40.712	Poisoning by cannabis, intentional self-harm	Diagnosis	ICD-10-CM
T40.712A	Poisoning by cannabis, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.712D	Poisoning by cannabis, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.712S	Poisoning by cannabis, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.722	Poisoning by synthetic cannabinoids, intentional self-harm	Diagnosis	ICD-10-CM
T40.722A	Poisoning by synthetic cannabinoids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T40.722D	Poisoning by synthetic cannabinoids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.722S	Poisoning by synthetic cannabinoids, intentional self-harm, sequela	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
T40.7X2D	Poisoning by cannabis (derivatives), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X2S	Poisoning by cannabis (derivatives), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.8X2	Poisoning by lysergide [LSD], intentional self-harm	Diagnosis	ICD-10-CM
T40.8X2A	Poisoning by lysergide [LSD], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.8X2D	Poisoning by lysergide [LSD], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.8X2S	Poisoning by lysergide [LSD], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.902	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-	Diagnosis	ICD-10-CM
T40.902A	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.902D	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.902S	Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.992	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm	Diagnosis	ICD-10-CM
T40.992A	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.992D	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.992S	Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.0X2	Poisoning by inhaled anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.0X2A	Poisoning by inhaled anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.0X2D	Poisoning by inhaled anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.0X2S	Poisoning by inhaled anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.1X2	Poisoning by intravenous anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.1X2A	Poisoning by intravenous anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.1X2D	Poisoning by intravenous anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.1X2S	Poisoning by intravenous anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.202	Poisoning by unspecified general anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.202A	Poisoning by unspecified general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.202D	Poisoning by unspecified general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.202S	Poisoning by unspecified general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.292	Poisoning by other general anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.292A	Poisoning by other general anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T41.292D	Poisoning by other general anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.292S	Poisoning by other general anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.3X2	Poisoning by local anesthetics, intentional self-harm	Diagnosis	ICD-10-CM
T41.3X2A	Poisoning by local anesthetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.3X2D	Poisoning by local anesthetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.3X2S	Poisoning by local anesthetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.42	Poisoning by unspecified anesthetic, intentional self-harm	Diagnosis	ICD-10-CM
T41.42XA	Poisoning by unspecified anesthetic, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.42XD	Poisoning by unspecified anesthetic, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.42XS	Poisoning by unspecified anesthetic, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T41.5X2	Poisoning by therapeutic gases, intentional self-harm	Diagnosis	ICD-10-CM
T41.5X2A	Poisoning by therapeutic gases, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T41.5X2D	Poisoning by therapeutic gases, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T41.5X2S	Poisoning by therapeutic gases, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.0X2	Poisoning by hydantoin derivatives, intentional self-harm	Diagnosis	ICD-10-CM
T42.0X2A	Poisoning by hydantoin derivatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.0X2D	Poisoning by hydantoin derivatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.0X2S	Poisoning by hydantoin derivatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.1X2	Poisoning by iminostilbenes, intentional self-harm	Diagnosis	ICD-10-CM
T42.1X2A	Poisoning by iminostilbenes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.1X2D	Poisoning by iminostilbenes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.1X2S	Poisoning by iminostilbenes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.2X2	Poisoning by succinimides and oxazolidinediones, intentional self-harm	Diagnosis	ICD-10-CM
T42.2X2A	Poisoning by succinimides and oxazolidinediones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.2X2D	Poisoning by succinimides and oxazolidinediones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.2X2S	Poisoning by succinimides and oxazolidinediones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.3X2	Poisoning by barbiturates, intentional self-harm	Diagnosis	ICD-10-CM
T42.3X2A	Poisoning by barbiturates, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.3X2D	Poisoning by barbiturates, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.3X2S	Poisoning by barbiturates, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.4X2	Poisoning by benzodiazepines, intentional self-harm	Diagnosis	ICD-10-CM
T42.4X2A	Poisoning by benzodiazepines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.4X2D	Poisoning by benzodiazepines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.4X2S	Poisoning by benzodiazepines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.5X2	Poisoning by mixed antiepileptics, intentional self-harm	Diagnosis	ICD-10-CM
T42.5X2A	Poisoning by mixed antiepileptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.5X2D	Poisoning by mixed antiepileptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.5X2S	Poisoning by mixed antiepileptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T42.6X2	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T42.6X2A	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.6X2D	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.6X2S	Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.72	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T42.72XA	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.72XD	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.72XS	Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T42.8X2	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm	Diagnosis	ICD-10-CM
T42.8X2A	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T42.8X2D	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T42.8X2S	Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.012	Poisoning by tricyclic antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.012A	Poisoning by tricyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.012D	Poisoning by tricyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.012S	Poisoning by tricyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.022	Poisoning by tetracyclic antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.022A	Poisoning by tetracyclic antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.022D	Poisoning by tetracyclic antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.022S	Poisoning by tetracyclic antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.1X2	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.1X2A	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.1X2D	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.1X2S	Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.202	Poisoning by unspecified antidepressants, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T43.202A	Poisoning by unspecified antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.202D	Poisoning by unspecified antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.202S	Poisoning by unspecified antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.212	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm	Diagnosis	ICD-10-CM
T43.212A	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.212D	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.212S	Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.222	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm	Diagnosis	ICD-10-CM
T43.222A	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.222D	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.222S	Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.292	Poisoning by other antidepressants, intentional self-harm	Diagnosis	ICD-10-CM
T43.292A	Poisoning by other antidepressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.292D	Poisoning by other antidepressants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.292S	Poisoning by other antidepressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.3X2	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.3X2A	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.3X2D	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.3X2S	Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.4X2	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.4X2A	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.4X2D	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.4X2S	Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.502	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.502A	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T43.502D	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.502S	Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.592	Poisoning by other antipsychotics and neuroleptics, intentional self-harm	Diagnosis	ICD-10-CM
T43.592A	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.592D	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.592S	Poisoning by other antipsychotics and neuroleptics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.602	Poisoning by unspecified psychostimulants, intentional self-harm	Diagnosis	ICD-10-CM
T43.602A	Poisoning by unspecified psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.602D	Poisoning by unspecified psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.602S	Poisoning by unspecified psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.612	Poisoning by caffeine, intentional self-harm	Diagnosis	ICD-10-CM
T43.612A	Poisoning by caffeine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.612D	Poisoning by caffeine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.612S	Poisoning by caffeine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.622	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
T43.632	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
T43.642	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
T43.692	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
T43.692S	Poisoning by other psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.8X2	Poisoning by other psychotropic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T43.8X2A	Poisoning by other psychotropic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.8X2D	Poisoning by other psychotropic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.8X2S	Poisoning by other psychotropic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.92	Poisoning by unspecified psychotropic drug, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T43.92XA	Poisoning by unspecified psychotropic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.92XD	Poisoning by unspecified psychotropic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.92XS	Poisoning by unspecified psychotropic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.0X2	Poisoning by anticholinesterase agents, intentional self-harm	Diagnosis	ICD-10-CM
T44.0X2A	Poisoning by anticholinesterase agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.0X2D	Poisoning by anticholinesterase agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.0X2S	Poisoning by anticholinesterase agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.1X2	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm	Diagnosis	ICD-10-CM
T44.1X2A	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.1X2D	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.1X2S	Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.2X2	Poisoning by ganglionic blocking drugs, intentional self-harm	Diagnosis	ICD-10-CM
T44.2X2A	Poisoning by ganglionic blocking drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.2X2D	Poisoning by ganglionic blocking drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.2X2S	Poisoning by ganglionic blocking drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.3X2	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm	Diagnosis	ICD-10-CM
T44.3X2A	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.3X2D	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.3X2S	Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.4X2	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.4X2A	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.4X2D	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.4X2S	Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.5X2	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.5X2A	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.5X2D	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T44.5X2S	Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.6X2	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.6X2A	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.6X2D	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.6X2S	Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.7X2	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T44.7X2A	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.7X2D	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.7X2S	Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.8X2	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm	Diagnosis	ICD-10-CM
T44.8X2A	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.8X2D	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.8X2S	Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.902	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm	Diagnosis	ICD-10-CM
T44.902A	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.902D	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.902S	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T44.992	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm	Diagnosis	ICD-10-CM
T44.992A	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T44.992D	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T44.992S	Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.0X2	Poisoning by antiallergic and antiemetic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.0X2A	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.0X2D	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.0X2S	Poisoning by antiallergic and antiemetic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T45.1X2	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.1X2A	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.1X2D	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.1X2S	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.2X2	Poisoning by vitamins, intentional self-harm	Diagnosis	ICD-10-CM
T45.2X2A	Poisoning by vitamins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.2X2D	Poisoning by vitamins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.2X2S	Poisoning by vitamins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.3X2	Poisoning by enzymes, intentional self-harm	Diagnosis	ICD-10-CM
T45.3X2A	Poisoning by enzymes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.3X2D	Poisoning by enzymes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.3X2S	Poisoning by enzymes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.4X2	Poisoning by iron and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T45.4X2A	Poisoning by iron and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.4X2D	Poisoning by iron and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.4X2S	Poisoning by iron and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.512	Poisoning by anticoagulants, intentional self-harm	Diagnosis	ICD-10-CM
T45.512A	Poisoning by anticoagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.512D	Poisoning by anticoagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.512S	Poisoning by anticoagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.522	Poisoning by antithrombotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.522A	Poisoning by antithrombotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.522D	Poisoning by antithrombotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.522S	Poisoning by antithrombotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.602	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.602A	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.602D	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.602S	Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.612	Poisoning by thrombolytic drug, intentional self-harm	Diagnosis	ICD-10-CM
T45.612A	Poisoning by thrombolytic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.612D	Poisoning by thrombolytic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.612S	Poisoning by thrombolytic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.622	Poisoning by hemostatic drug, intentional self-harm	Diagnosis	ICD-10-CM
T45.622A	Poisoning by hemostatic drug, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.622D	Poisoning by hemostatic drug, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T45.622S	Poisoning by hemostatic drug, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.692	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm	Diagnosis	ICD-10-CM
T45.692A	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.692D	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.692S	Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.7X2	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm	Diagnosis	ICD-10-CM
T45.7X2A	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.7X2D	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.7X2S	Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.8X2	Poisoning by other primarily systemic and hematological agents, intentional self-harm	Diagnosis	ICD-10-CM
T45.8X2A	Poisoning by other primarily systemic and hematological agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.8X2D	Poisoning by other primarily systemic and hematological agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.8X2S	Poisoning by other primarily systemic and hematological agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T45.92	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm	Diagnosis	ICD-10-CM
T45.92XA	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T45.92XD	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T45.92XS	Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.0X2	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm	Diagnosis	ICD-10-CM
T46.0X2A	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.0X2D	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.0X2S	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.1X2	Poisoning by calcium-channel blockers, intentional self-harm	Diagnosis	ICD-10-CM
T46.1X2A	Poisoning by calcium-channel blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.1X2D	Poisoning by calcium-channel blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.1X2S	Poisoning by calcium-channel blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T46.2X2	Poisoning by other antidysrhythmic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.2X2A	Poisoning by other antidysrhythmic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.2X2D	Poisoning by other antidysrhythmic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.2X2S	Poisoning by other antidysrhythmic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.3X2	Poisoning by coronary vasodilators, intentional self-harm	Diagnosis	ICD-10-CM
T46.3X2A	Poisoning by coronary vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.3X2D	Poisoning by coronary vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.3X2S	Poisoning by coronary vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.4X2	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm	Diagnosis	ICD-10-CM
T46.4X2A	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.4X2D	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.4X2S	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.5X2	Poisoning by other antihypertensive drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.5X2A	Poisoning by other antihypertensive drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.5X2D	Poisoning by other antihypertensive drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.5X2S	Poisoning by other antihypertensive drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.6X2	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T46.6X2A	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.6X2D	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.6X2S	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.7X2	Poisoning by peripheral vasodilators, intentional self-harm	Diagnosis	ICD-10-CM
T46.7X2A	Poisoning by peripheral vasodilators, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.7X2D	Poisoning by peripheral vasodilators, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.7X2S	Poisoning by peripheral vasodilators, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.8X2	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm	Diagnosis	ICD-10-CM
T46.8X2A	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.8X2D	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T46.8X2S	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.902	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm	Diagnosis	ICD-10-CM
T46.902A	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.902D	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.902S	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T46.992	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm	Diagnosis	ICD-10-CM
T46.992A	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T46.992D	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T46.992S	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.0X2	Poisoning by histamine H2-receptor blockers, intentional self-harm	Diagnosis	ICD-10-CM
T47.0X2A	Poisoning by histamine H2-receptor blockers, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.0X2D	Poisoning by histamine H2-receptor blockers, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.0X2S	Poisoning by histamine H2-receptor blockers, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.1X2	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm	Diagnosis	ICD-10-CM
T47.1X2A	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.1X2D	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.1X2S	Poisoning by other antacids and anti-gastric-secretion drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.2X2	Poisoning by stimulant laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.2X2A	Poisoning by stimulant laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.2X2D	Poisoning by stimulant laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.2X2S	Poisoning by stimulant laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.3X2	Poisoning by saline and osmotic laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.3X2A	Poisoning by saline and osmotic laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.3X2D	Poisoning by saline and osmotic laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.3X2S	Poisoning by saline and osmotic laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.4X2	Poisoning by other laxatives, intentional self-harm	Diagnosis	ICD-10-CM
T47.4X2A	Poisoning by other laxatives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T47.4X2D	Poisoning by other laxatives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.4X2S	Poisoning by other laxatives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.5X2	Poisoning by digestants, intentional self-harm	Diagnosis	ICD-10-CM
T47.5X2A	Poisoning by digestants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.5X2D	Poisoning by digestants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.5X2S	Poisoning by digestants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.6X2	Poisoning by antidiarrheal drugs, intentional self-harm	Diagnosis	ICD-10-CM
T47.6X2A	Poisoning by antidiarrheal drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.6X2D	Poisoning by antidiarrheal drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.6X2S	Poisoning by antidiarrheal drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.7X2	Poisoning by emetics, intentional self-harm	Diagnosis	ICD-10-CM
T47.7X2A	Poisoning by emetics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.7X2D	Poisoning by emetics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.7X2S	Poisoning by emetics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.8X2	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm	Diagnosis	ICD-10-CM
T47.8X2A	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.8X2D	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.8X2S	Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T47.92	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm	Diagnosis	ICD-10-CM
T47.92XA	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T47.92XD	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T47.92XS	Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.0X2	Poisoning by oxytocic drugs, intentional self-harm	Diagnosis	ICD-10-CM
T48.0X2A	Poisoning by oxytocic drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.0X2D	Poisoning by oxytocic drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.0X2S	Poisoning by oxytocic drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.1X2	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm	Diagnosis	ICD-10-CM
T48.1X2A	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.1X2D	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.1X2S	Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.202	Poisoning by unspecified drugs acting on muscles, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T48.202A	Poisoning by unspecified drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.202D	Poisoning by unspecified drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.202S	Poisoning by unspecified drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.292	Poisoning by other drugs acting on muscles, intentional self-harm	Diagnosis	ICD-10-CM
T48.292A	Poisoning by other drugs acting on muscles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.292D	Poisoning by other drugs acting on muscles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.292S	Poisoning by other drugs acting on muscles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.3X2	Poisoning by antitussives, intentional self-harm	Diagnosis	ICD-10-CM
T48.3X2A	Poisoning by antitussives, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.3X2D	Poisoning by antitussives, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.3X2S	Poisoning by antitussives, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.4X2	Poisoning by expectorants, intentional self-harm	Diagnosis	ICD-10-CM
T48.4X2A	Poisoning by expectorants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.4X2D	Poisoning by expectorants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.4X2S	Poisoning by expectorants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.5X2	Poisoning by other anti-common-cold drugs, intentional self-harm	Diagnosis	ICD-10-CM
T48.5X2A	Poisoning by other anti-common-cold drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.5X2D	Poisoning by other anti-common-cold drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.5X2S	Poisoning by other anti-common-cold drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.6X2	Poisoning by antiasthmatics, intentional self-harm	Diagnosis	ICD-10-CM
T48.6X2A	Poisoning by antiasthmatics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.6X2D	Poisoning by antiasthmatics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.6X2S	Poisoning by antiasthmatics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.902	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm	Diagnosis	ICD-10-CM
T48.902A	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.902D	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T48.902S	Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T48.992	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm	Diagnosis	ICD-10-CM
T48.992A	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T48.992D	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T48.992S	Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.0X2	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm	Diagnosis	ICD-10-CM
T49.0X2A	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.0X2D	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.0X2S	Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.1X2	Poisoning by antipruritics, intentional self-harm	Diagnosis	ICD-10-CM
T49.1X2A	Poisoning by antipruritics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.1X2D	Poisoning by antipruritics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.1X2S	Poisoning by antipruritics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.2X2	Poisoning by local astringents and local detergents, intentional self-harm	Diagnosis	ICD-10-CM
T49.2X2A	Poisoning by local astringents and local detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.2X2D	Poisoning by local astringents and local detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.2X2S	Poisoning by local astringents and local detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.3X2	Poisoning by emollients, demulcents and protectants, intentional self-harm	Diagnosis	ICD-10-CM
T49.3X2A	Poisoning by emollients, demulcents and protectants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.3X2D	Poisoning by emollients, demulcents and protectants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.3X2S	Poisoning by emollients, demulcents and protectants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.4X2	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.4X2A	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.4X2D	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.4X2S	Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.5X2	Poisoning by ophthalmological drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.5X2A	Poisoning by ophthalmological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.5X2D	Poisoning by ophthalmological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.5X2S	Poisoning by ophthalmological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T49.6X2	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm	Diagnosis	ICD-10-CM
T49.6X2A	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.6X2D	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.6X2S	Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.7X2	Poisoning by dental drugs, topically applied, intentional self-harm	Diagnosis	ICD-10-CM
T49.7X2A	Poisoning by dental drugs, topically applied, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.7X2D	Poisoning by dental drugs, topically applied, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.7X2S	Poisoning by dental drugs, topically applied, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.8X2	Poisoning by other topical agents, intentional self-harm	Diagnosis	ICD-10-CM
T49.8X2A	Poisoning by other topical agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.8X2D	Poisoning by other topical agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.8X2S	Poisoning by other topical agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T49.92	Poisoning by unspecified topical agent, intentional self-harm	Diagnosis	ICD-10-CM
T49.92XA	Poisoning by unspecified topical agent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T49.92XD	Poisoning by unspecified topical agent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T49.92XS	Poisoning by unspecified topical agent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.0X2	Poisoning by mineralocorticoids and their antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T50.0X2A	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.0X2D	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.0X2S	Poisoning by mineralocorticoids and their antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.1X2	Poisoning by loop [high-ceiling] diuretics, intentional self-harm	Diagnosis	ICD-10-CM
T50.1X2A	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.1X2D	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.1X2S	Poisoning by loop [high-ceiling] diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.2X2	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm	Diagnosis	ICD-10-CM
T50.2X2A	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.2X2D	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.2X2S	Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, sequela	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T50.3X2	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.3X2A	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.3X2D	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.3X2S	Poisoning by electrolytic, caloric and water-balance agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.4X2	Poisoning by drugs affecting uric acid metabolism, intentional self-harm	Diagnosis	ICD-10-CM
T50.4X2A	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.4X2D	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.4X2S	Poisoning by drugs affecting uric acid metabolism, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.5X2	Poisoning by appetite depressants, intentional self-harm	Diagnosis	ICD-10-CM
T50.5X2A	Poisoning by appetite depressants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.5X2D	Poisoning by appetite depressants, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T50.5X2S	Poisoning by appetite depressants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.6X2	Poisoning by antidotes and chelating agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.6X2A	Poisoning by antidotes and chelating agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.6X2D	Poisoning by antidotes and chelating agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.6X2S	Poisoning by antidotes and chelating agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.7X2	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm	Diagnosis	ICD-10-CM
T50.7X2A	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.7X2D	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.7X2S	Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.8X2	Poisoning by diagnostic agents, intentional self-harm	Diagnosis	ICD-10-CM
T50.8X2A	Poisoning by diagnostic agents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.8X2D	Poisoning by diagnostic agents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.8X2S	Poisoning by diagnostic agents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.902	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.902A	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.902D	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.902S	Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T50.912	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.912A	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.912D	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.912S	Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.992	Poisoning by other drugs, medicaments and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.992A	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.992D	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.992S	Poisoning by other drugs, medicaments and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A12	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm	Diagnosis	ICD-10-CM
T50.A12A	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A12D	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A12S	Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A22	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm	Diagnosis	ICD-10-CM
T50.A22A	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A22D	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A22S	Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.A92	Poisoning by other bacterial vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.A92A	Poisoning by other bacterial vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.A92D	Poisoning by other bacterial vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.A92S	Poisoning by other bacterial vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B12	Poisoning by smallpox vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.B12A	Poisoning by smallpox vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.B12D	Poisoning by smallpox vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.B12S	Poisoning by smallpox vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.B92	Poisoning by other viral vaccines, intentional self-harm	Diagnosis	ICD-10-CM
T50.B92A	Poisoning by other viral vaccines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.B92D	Poisoning by other viral vaccines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T50.B92S	Poisoning by other viral vaccines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z12	Poisoning by immunoglobulin, intentional self-harm	Diagnosis	ICD-10-CM
T50.Z12A	Poisoning by immunoglobulin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z12D	Poisoning by immunoglobulin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z12S	Poisoning by immunoglobulin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T50.Z92	Poisoning by other vaccines and biological substances, intentional self-harm	Diagnosis	ICD-10-CM
T50.Z92A	Poisoning by other vaccines and biological substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T50.Z92D	Poisoning by other vaccines and biological substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T50.Z92S	Poisoning by other vaccines and biological substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
Self Harm - Suffocation			
T71.112	Asphyxiation due to smothering under pillow, intentional self-harm	Diagnosis	ICD-10-CM
T71.112A	Asphyxiation due to smothering under pillow, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.112D	Asphyxiation due to smothering under pillow, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.112S	Asphyxiation due to smothering under pillow, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.122	Asphyxiation due to plastic bag, intentional self-harm	Diagnosis	ICD-10-CM
T71.122A	Asphyxiation due to plastic bag, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.122D	Asphyxiation due to plastic bag, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.122S	Asphyxiation due to plastic bag, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.132	Asphyxiation due to being trapped in bed linens, intentional self-harm	Diagnosis	ICD-10-CM
T71.132A	Asphyxiation due to being trapped in bed linens, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.132D	Asphyxiation due to being trapped in bed linens, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.132S	Asphyxiation due to being trapped in bed linens, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.152	Asphyxiation due to smothering in furniture, intentional self-harm	Diagnosis	ICD-10-CM
T71.152A	Asphyxiation due to smothering in furniture, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.152D	Asphyxiation due to smothering in furniture, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.152S	Asphyxiation due to smothering in furniture, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.162	Asphyxiation due to hanging, intentional self-harm	Diagnosis	ICD-10-CM
T71.162A	Asphyxiation due to hanging, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.162D	Asphyxiation due to hanging, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.162S	Asphyxiation due to hanging, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.192	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm	Diagnosis	ICD-10-CM
T71.192A	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T71.192D	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.192S	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.222	Asphyxiation due to being trapped in a car trunk, intentional self-harm	Diagnosis	ICD-10-CM
T71.222A	Asphyxiation due to being trapped in a car trunk, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.222D	Asphyxiation due to being trapped in a car trunk, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.222S	Asphyxiation due to being trapped in a car trunk, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T71.232	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm	Diagnosis	ICD-10-CM
T71.232A	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T71.232D	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T71.232S	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, sequela	Diagnosis	ICD-10-CM
<b>Suicide Attempt</b>			
T14.91	Suicide attempt	Diagnosis	ICD-10-CM
T14.91XA	Suicide attempt, initial encounter	Diagnosis	ICD-10-CM
T14.91XD	Suicide attempt, subsequent encounter	Diagnosis	ICD-10-CM
T14.91XS	Suicide attempt, sequela	Diagnosis	ICD-10-CM
<b>Self-Harm - Toxicity</b>			
T51.0X2	Toxic effect of ethanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.0X2A	Toxic effect of ethanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.0X2D	Toxic effect of ethanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X2S	Toxic effect of ethanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.1X2	Toxic effect of methanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.1X2A	Toxic effect of methanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.1X2D	Toxic effect of methanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.1X2S	Toxic effect of methanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.2X2	Toxic effect of 2-Propanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.2X2A	Toxic effect of 2-Propanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.2X2D	Toxic effect of 2-Propanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.2X2S	Toxic effect of 2-Propanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.3X2	Toxic effect of fusel oil, intentional self-harm	Diagnosis	ICD-10-CM
T51.3X2A	Toxic effect of fusel oil, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.3X2D	Toxic effect of fusel oil, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.3X2S	Toxic effect of fusel oil, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.8X2	Toxic effect of other alcohols, intentional self-harm	Diagnosis	ICD-10-CM
T51.8X2A	Toxic effect of other alcohols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.8X2D	Toxic effect of other alcohols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.8X2S	Toxic effect of other alcohols, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T51.92	Toxic effect of unspecified alcohol, intentional self-harm	Diagnosis	ICD-10-CM
T51.92XA	Toxic effect of unspecified alcohol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.92XD	Toxic effect of unspecified alcohol, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T51.92XS	Toxic effect of unspecified alcohol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.0X2	Toxic effect of petroleum products, intentional self-harm	Diagnosis	ICD-10-CM
T52.0X2A	Toxic effect of petroleum products, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.0X2D	Toxic effect of petroleum products, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T52.0X2S	Toxic effect of petroleum products, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.1X2	Toxic effect of benzene, intentional self-harm	Diagnosis	ICD-10-CM
T52.1X2A	Toxic effect of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.1X2D	Toxic effect of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.1X2S	Toxic effect of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.2X2	Toxic effect of homologues of benzene, intentional self-harm	Diagnosis	ICD-10-CM
T52.2X2A	Toxic effect of homologues of benzene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.2X2D	Toxic effect of homologues of benzene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.2X2S	Toxic effect of homologues of benzene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.3X2	Toxic effect of glycols, intentional self-harm	Diagnosis	ICD-10-CM
T52.3X2A	Toxic effect of glycols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.3X2D	Toxic effect of glycols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.3X2S	Toxic effect of glycols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.4X2	Toxic effect of ketones, intentional self-harm	Diagnosis	ICD-10-CM
T52.4X2A	Toxic effect of ketones, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.4X2D	Toxic effect of ketones, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.4X2S	Toxic effect of ketones, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.8X2	Toxic effect of other organic solvents, intentional self-harm	Diagnosis	ICD-10-CM
T52.8X2A	Toxic effect of other organic solvents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.8X2D	Toxic effect of other organic solvents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.8X2S	Toxic effect of other organic solvents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T52.92	Toxic effect of unspecified organic solvent, intentional self-harm	Diagnosis	ICD-10-CM
T52.92XA	Toxic effect of unspecified organic solvent, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T52.92XD	Toxic effect of unspecified organic solvent, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T52.92XS	Toxic effect of unspecified organic solvent, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.0X2	Toxic effect of carbon tetrachloride, intentional self-harm	Diagnosis	ICD-10-CM
T53.0X2A	Toxic effect of carbon tetrachloride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.0X2D	Toxic effect of carbon tetrachloride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.0X2S	Toxic effect of carbon tetrachloride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.1X2	Toxic effect of chloroform, intentional self-harm	Diagnosis	ICD-10-CM
T53.1X2A	Toxic effect of chloroform, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.1X2D	Toxic effect of chloroform, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T53.1X2S	Toxic effect of chloroform, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.2X2	Toxic effect of trichloroethylene, intentional self-harm	Diagnosis	ICD-10-CM
T53.2X2A	Toxic effect of trichloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.2X2D	Toxic effect of trichloroethylene, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.2X2S	Toxic effect of trichloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.3X2	Toxic effect of tetrachloroethylene, intentional self-harm	Diagnosis	ICD-10-CM
T53.3X2A	Toxic effect of tetrachloroethylene, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.3X2D	Toxic effect of tetrachloroethylene, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T53.3X2S	Toxic effect of tetrachloroethylene, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.4X2	Toxic effect of dichloromethane, intentional self-harm	Diagnosis	ICD-10-CM
T53.4X2A	Toxic effect of dichloromethane, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.4X2D	Toxic effect of dichloromethane, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.4X2S	Toxic effect of dichloromethane, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.5X2	Toxic effect of chlorofluorocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.5X2A	Toxic effect of chlorofluorocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.5X2D	Toxic effect of chlorofluorocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.5X2S	Toxic effect of chlorofluorocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.6X2	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.6X2A	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.6X2D	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.6X2S	Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.7X2	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.7X2A	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.7X2D	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.7X2S	Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T53.92	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm	Diagnosis	ICD-10-CM
T53.92XA	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T53.92XD	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T53.92XS	Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.0X2	Toxic effect of phenol and phenol homologues, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T54.0X2A	Toxic effect of phenol and phenol homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.0X2D	Toxic effect of phenol and phenol homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.0X2S	Toxic effect of phenol and phenol homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.1X2	Toxic effect of other corrosive organic compounds, intentional self-harm	Diagnosis	ICD-10-CM
T54.1X2A	Toxic effect of other corrosive organic compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.1X2D	Toxic effect of other corrosive organic compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.1X2S	Toxic effect of other corrosive organic compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.2X2	Toxic effect of corrosive acids and acid-like substances, intentional self-harm	Diagnosis	ICD-10-CM
T54.2X2A	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.2X2D	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.2X2S	Toxic effect of corrosive acids and acid-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.3X2	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm	Diagnosis	ICD-10-CM
T54.3X2A	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.3X2D	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.3X2S	Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T54.92	Toxic effect of unspecified corrosive substance, intentional self-harm	Diagnosis	ICD-10-CM
T54.92XA	Toxic effect of unspecified corrosive substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T54.92XD	Toxic effect of unspecified corrosive substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T54.92XS	Toxic effect of unspecified corrosive substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.0X2	Toxic effect of soaps, intentional self-harm	Diagnosis	ICD-10-CM
T55.0X2A	Toxic effect of soaps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.0X2D	Toxic effect of soaps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.0X2S	Toxic effect of soaps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T55.1X2	Toxic effect of detergents, intentional self-harm	Diagnosis	ICD-10-CM
T55.1X2A	Toxic effect of detergents, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T55.1X2D	Toxic effect of detergents, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T55.1X2S	Toxic effect of detergents, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.0X2	Toxic effect of lead and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.0X2A	Toxic effect of lead and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.0X2D	Toxic effect of lead and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T56.0X2S	Toxic effect of lead and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.1X2	Toxic effect of mercury and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.1X2A	Toxic effect of mercury and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.1X2D	Toxic effect of mercury and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.1X2S	Toxic effect of mercury and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.2X2	Toxic effect of chromium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.2X2A	Toxic effect of chromium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.2X2D	Toxic effect of chromium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.2X2S	Toxic effect of chromium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.3X2	Toxic effect of cadmium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.3X2A	Toxic effect of cadmium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.3X2D	Toxic effect of cadmium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.3X2S	Toxic effect of cadmium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.4X2	Toxic effect of copper and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.4X2A	Toxic effect of copper and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.4X2D	Toxic effect of copper and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.4X2S	Toxic effect of copper and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.5X2	Toxic effect of zinc and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.5X2A	Toxic effect of zinc and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.5X2D	Toxic effect of zinc and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.5X2S	Toxic effect of zinc and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.6X2	Toxic effect of tin and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.6X2A	Toxic effect of tin and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.6X2D	Toxic effect of tin and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.6X2S	Toxic effect of tin and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.7X2	Toxic effect of beryllium and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T56.7X2A	Toxic effect of beryllium and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.7X2D	Toxic effect of beryllium and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.7X2S	Toxic effect of beryllium and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.812	Toxic effect of thallium, intentional self-harm	Diagnosis	ICD-10-CM
T56.812A	Toxic effect of thallium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.812D	Toxic effect of thallium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T56.812S	Toxic effect of thallium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.892	Toxic effect of other metals, intentional self-harm	Diagnosis	ICD-10-CM
T56.892A	Toxic effect of other metals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.892D	Toxic effect of other metals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.892S	Toxic effect of other metals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T56.92	Toxic effect of unspecified metal, intentional self-harm	Diagnosis	ICD-10-CM
T56.92XA	Toxic effect of unspecified metal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T56.92XD	Toxic effect of unspecified metal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T56.92XS	Toxic effect of unspecified metal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.0X2	Toxic effect of arsenic and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T57.0X2A	Toxic effect of arsenic and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.0X2D	Toxic effect of arsenic and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.0X2S	Toxic effect of arsenic and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.1X2	Toxic effect of phosphorus and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T57.1X2A	Toxic effect of phosphorus and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.1X2D	Toxic effect of phosphorus and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.1X2S	Toxic effect of phosphorus and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.2X2	Toxic effect of manganese and its compounds, intentional self-harm	Diagnosis	ICD-10-CM
T57.2X2A	Toxic effect of manganese and its compounds, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.2X2D	Toxic effect of manganese and its compounds, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.2X2S	Toxic effect of manganese and its compounds, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.3X2	Toxic effect of hydrogen cyanide, intentional self-harm	Diagnosis	ICD-10-CM
T57.3X2A	Toxic effect of hydrogen cyanide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.3X2D	Toxic effect of hydrogen cyanide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.3X2S	Toxic effect of hydrogen cyanide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.8X2	Toxic effect of other specified inorganic substances, intentional self-harm	Diagnosis	ICD-10-CM
T57.8X2A	Toxic effect of other specified inorganic substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.8X2D	Toxic effect of other specified inorganic substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.8X2S	Toxic effect of other specified inorganic substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T57.92	Toxic effect of unspecified inorganic substance, intentional self-harm	Diagnosis	ICD-10-CM
T57.92XA	Toxic effect of unspecified inorganic substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T57.92XD	Toxic effect of unspecified inorganic substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T57.92XS	Toxic effect of unspecified inorganic substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T58.02	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm	Diagnosis	ICD-10-CM
T58.02XA	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.02XD	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.02XS	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.12	Toxic effect of carbon monoxide from utility gas, intentional self-harm	Diagnosis	ICD-10-CM
T58.12XA	Toxic effect of carbon monoxide from utility gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.12XD	Toxic effect of carbon monoxide from utility gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.12XS	Toxic effect of carbon monoxide from utility gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.2X2	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm	Diagnosis	ICD-10-CM
T58.2X2A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.2X2D	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.2X2S	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.8X2	Toxic effect of carbon monoxide from other source, intentional self-harm	Diagnosis	ICD-10-CM
T58.8X2A	Toxic effect of carbon monoxide from other source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.8X2D	Toxic effect of carbon monoxide from other source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.8X2S	Toxic effect of carbon monoxide from other source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T58.92	Toxic effect of carbon monoxide from unspecified source, intentional self-harm	Diagnosis	ICD-10-CM
T58.92XA	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T58.92XD	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T58.92XS	Toxic effect of carbon monoxide from unspecified source, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.0X2	Toxic effect of nitrogen oxides, intentional self-harm	Diagnosis	ICD-10-CM
T59.0X2A	Toxic effect of nitrogen oxides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.0X2D	Toxic effect of nitrogen oxides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.0X2S	Toxic effect of nitrogen oxides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.1X2	Toxic effect of sulfur dioxide, intentional self-harm	Diagnosis	ICD-10-CM
T59.1X2A	Toxic effect of sulfur dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.1X2D	Toxic effect of sulfur dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.1X2S	Toxic effect of sulfur dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T59.2X2	Toxic effect of formaldehyde, intentional self-harm	Diagnosis	ICD-10-CM
T59.2X2A	Toxic effect of formaldehyde, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.2X2D	Toxic effect of formaldehyde, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.2X2S	Toxic effect of formaldehyde, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.3X2	Toxic effect of lacrimogenic gas, intentional self-harm	Diagnosis	ICD-10-CM
T59.3X2A	Toxic effect of lacrimogenic gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.3X2D	Toxic effect of lacrimogenic gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.3X2S	Toxic effect of lacrimogenic gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.4X2	Toxic effect of chlorine gas, intentional self-harm	Diagnosis	ICD-10-CM
T59.4X2A	Toxic effect of chlorine gas, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.4X2D	Toxic effect of chlorine gas, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.4X2S	Toxic effect of chlorine gas, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.5X2	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm	Diagnosis	ICD-10-CM
T59.5X2A	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.5X2D	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.5X2S	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.6X2	Toxic effect of hydrogen sulfide, intentional self-harm	Diagnosis	ICD-10-CM
T59.6X2A	Toxic effect of hydrogen sulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.6X2D	Toxic effect of hydrogen sulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.6X2S	Toxic effect of hydrogen sulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.7X2	Toxic effect of carbon dioxide, intentional self-harm	Diagnosis	ICD-10-CM
T59.7X2A	Toxic effect of carbon dioxide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.7X2D	Toxic effect of carbon dioxide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.7X2S	Toxic effect of carbon dioxide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.812	Toxic effect of smoke, intentional self-harm	Diagnosis	ICD-10-CM
T59.812A	Toxic effect of smoke, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.812D	Toxic effect of smoke, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.812S	Toxic effect of smoke, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.892	Toxic effect of other specified gases, fumes and vapors, intentional self-harm	Diagnosis	ICD-10-CM
T59.892A	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.892D	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.892S	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T59.92	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm	Diagnosis	ICD-10-CM
T59.92XA	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T59.92XD	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T59.92XS	Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T60.0X2	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.0X2A	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.0X2D	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.0X2S	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.1X2	Toxic effect of halogenated insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.1X2A	Toxic effect of halogenated insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.1X2D	Toxic effect of halogenated insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.1X2S	Toxic effect of halogenated insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.2X2	Toxic effect of other insecticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.2X2A	Toxic effect of other insecticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.2X2D	Toxic effect of other insecticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.2X2S	Toxic effect of other insecticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.3X2	Toxic effect of herbicides and fungicides, intentional self-harm	Diagnosis	ICD-10-CM
T60.3X2A	Toxic effect of herbicides and fungicides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.3X2D	Toxic effect of herbicides and fungicides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.3X2S	Toxic effect of herbicides and fungicides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.4X2	Toxic effect of rodenticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.4X2A	Toxic effect of rodenticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.4X2D	Toxic effect of rodenticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.4X2S	Toxic effect of rodenticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.8X2	Toxic effect of other pesticides, intentional self-harm	Diagnosis	ICD-10-CM
T60.8X2A	Toxic effect of other pesticides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.8X2D	Toxic effect of other pesticides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.8X2S	Toxic effect of other pesticides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T60.92	Toxic effect of unspecified pesticide, intentional self-harm	Diagnosis	ICD-10-CM
T60.92XA	Toxic effect of unspecified pesticide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T60.92XD	Toxic effect of unspecified pesticide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T60.92XS	Toxic effect of unspecified pesticide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.02	Ciguatera fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.02XA	Ciguatera fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.02XD	Ciguatera fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.02XS	Ciguatera fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.12	Scombroid fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.12XA	Scombroid fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.12XD	Scombroid fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.12XS	Scombroid fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.772	Other fish poisoning, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T61.772A	Other fish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.772D	Other fish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.772S	Other fish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.782	Other shellfish poisoning, intentional self-harm	Diagnosis	ICD-10-CM
T61.782A	Other shellfish poisoning, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.782D	Other shellfish poisoning, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.782S	Other shellfish poisoning, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.8X2	Toxic effect of other seafood, intentional self-harm	Diagnosis	ICD-10-CM
T61.8X2A	Toxic effect of other seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.8X2D	Toxic effect of other seafood, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T61.8X2S	Toxic effect of other seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T61.92	Toxic effect of unspecified seafood, intentional self-harm	Diagnosis	ICD-10-CM
T61.92XA	Toxic effect of unspecified seafood, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T61.92XD	Toxic effect of unspecified seafood, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T61.92XS	Toxic effect of unspecified seafood, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.0X2	Toxic effect of ingested mushrooms, intentional self-harm	Diagnosis	ICD-10-CM
T62.0X2A	Toxic effect of ingested mushrooms, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.0X2D	Toxic effect of ingested mushrooms, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.0X2S	Toxic effect of ingested mushrooms, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.1X2	Toxic effect of ingested berries, intentional self-harm	Diagnosis	ICD-10-CM
T62.1X2A	Toxic effect of ingested berries, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.1X2D	Toxic effect of ingested berries, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.1X2S	Toxic effect of ingested berries, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.2X2	Toxic effect of other ingested (parts of) plant(s), intentional self-harm	Diagnosis	ICD-10-CM
T62.2X2A	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.2X2D	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.2X2S	Toxic effect of other ingested (parts of) plant(s), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.8X2	Toxic effect of other specified noxious substances eaten as food, intentional self-harm	Diagnosis	ICD-10-CM
T62.8X2A	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.8X2D	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T62.8X2S	Toxic effect of other specified noxious substances eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T62.92	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm	Diagnosis	ICD-10-CM
T62.92XA	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T62.92XD	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T62.92XS	Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.002	Toxic effect of unspecified snake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.002A	Toxic effect of unspecified snake venom, intentional self-harm, initial	Diagnosis	ICD-10-CM
T63.002D	Toxic effect of unspecified snake venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.002S	Toxic effect of unspecified snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.012	Toxic effect of rattlesnake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.012A	Toxic effect of rattlesnake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.012D	Toxic effect of rattlesnake venom, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T63.012S	Toxic effect of rattlesnake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.022	Toxic effect of coral snake venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.022A	Toxic effect of coral snake venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.022D	Toxic effect of coral snake venom, intentional self-harm, subsequent	Diagnosis	ICD-10-CM
T63.022S	Toxic effect of coral snake venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.032	Toxic effect of taipan venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.032A	Toxic effect of taipan venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.032D	Toxic effect of taipan venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.032S	Toxic effect of taipan venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.042	Toxic effect of cobra venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.042A	Toxic effect of cobra venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.042D	Toxic effect of cobra venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.042S	Toxic effect of cobra venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.062	Toxic effect of venom of other North and South American snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.062A	Toxic effect of venom of other North and South American snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.062D	Toxic effect of venom of other North and South American snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.062S	Toxic effect of venom of other North and South American snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.072	Toxic effect of venom of other Australian snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.072A	Toxic effect of venom of other Australian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.072D	Toxic effect of venom of other Australian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.072S	Toxic effect of venom of other Australian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.082	Toxic effect of venom of other African and Asian snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.082A	Toxic effect of venom of other African and Asian snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.082D	Toxic effect of venom of other African and Asian snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.082S	Toxic effect of venom of other African and Asian snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.092	Toxic effect of venom of other snake, intentional self-harm	Diagnosis	ICD-10-CM
T63.092A	Toxic effect of venom of other snake, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.092D	Toxic effect of venom of other snake, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.092S	Toxic effect of venom of other snake, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.112	Toxic effect of venom of gila monster, intentional self-harm	Diagnosis	ICD-10-CM
T63.112A	Toxic effect of venom of gila monster, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.112D	Toxic effect of venom of gila monster, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.112S	Toxic effect of venom of gila monster, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.122	Toxic effect of venom of other venomous lizard, intentional self-harm	Diagnosis	ICD-10-CM
T63.122A	Toxic effect of venom of other venomous lizard, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.122D	Toxic effect of venom of other venomous lizard, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.122S	Toxic effect of venom of other venomous lizard, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.192	Toxic effect of venom of other reptiles, intentional self-harm	Diagnosis	ICD-10-CM
T63.192A	Toxic effect of venom of other reptiles, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.192D	Toxic effect of venom of other reptiles, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.192S	Toxic effect of venom of other reptiles, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.2X2	Toxic effect of venom of scorpion, intentional self-harm	Diagnosis	ICD-10-CM
T63.2X2A	Toxic effect of venom of scorpion, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.2X2D	Toxic effect of venom of scorpion, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.2X2S	Toxic effect of venom of scorpion, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.302	Toxic effect of unspecified spider venom, intentional self-harm	Diagnosis	ICD-10-CM
T63.302A	Toxic effect of unspecified spider venom, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.302D	Toxic effect of unspecified spider venom, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.302S	Toxic effect of unspecified spider venom, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.312	Toxic effect of venom of black widow spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.312A	Toxic effect of venom of black widow spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.312D	Toxic effect of venom of black widow spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.312S	Toxic effect of venom of black widow spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.322	Toxic effect of venom of tarantula, intentional self-harm	Diagnosis	ICD-10-CM
T63.322A	Toxic effect of venom of tarantula, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.322D	Toxic effect of venom of tarantula, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.322S	Toxic effect of venom of tarantula, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.332	Toxic effect of venom of brown recluse spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.332A	Toxic effect of venom of brown recluse spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.332D	Toxic effect of venom of brown recluse spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.332S	Toxic effect of venom of brown recluse spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.392	Toxic effect of venom of other spider, intentional self-harm	Diagnosis	ICD-10-CM
T63.392A	Toxic effect of venom of other spider, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.392D	Toxic effect of venom of other spider, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.392S	Toxic effect of venom of other spider, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.412	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm	Diagnosis	ICD-10-CM
T63.412A	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.412D	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.412S	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.422	Toxic effect of venom of ants, intentional self-harm	Diagnosis	ICD-10-CM
T63.422A	Toxic effect of venom of ants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.422D	Toxic effect of venom of ants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.422S	Toxic effect of venom of ants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.432	Toxic effect of venom of caterpillars, intentional self-harm	Diagnosis	ICD-10-CM
T63.432A	Toxic effect of venom of caterpillars, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.432D	Toxic effect of venom of caterpillars, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.432S	Toxic effect of venom of caterpillars, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.442	Toxic effect of venom of bees, intentional self-harm	Diagnosis	ICD-10-CM
T63.442A	Toxic effect of venom of bees, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.442D	Toxic effect of venom of bees, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.442S	Toxic effect of venom of bees, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.452	Toxic effect of venom of hornets, intentional self-harm	Diagnosis	ICD-10-CM
T63.452A	Toxic effect of venom of hornets, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.452D	Toxic effect of venom of hornets, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.452S	Toxic effect of venom of hornets, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.462	Toxic effect of venom of wasps, intentional self-harm	Diagnosis	ICD-10-CM
T63.462A	Toxic effect of venom of wasps, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.462D	Toxic effect of venom of wasps, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.462S	Toxic effect of venom of wasps, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.482	Toxic effect of venom of other arthropod, intentional self-harm	Diagnosis	ICD-10-CM
T63.482A	Toxic effect of venom of other arthropod, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.482D	Toxic effect of venom of other arthropod, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.482S	Toxic effect of venom of other arthropod, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.512	Toxic effect of contact with stingray, intentional self-harm	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
T63.512A	Toxic effect of contact with stingray, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.512D	Toxic effect of contact with stingray, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.512S	Toxic effect of contact with stingray, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.592	Toxic effect of contact with other venomous fish, intentional self-harm	Diagnosis	ICD-10-CM
T63.592A	Toxic effect of contact with other venomous fish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.592D	Toxic effect of contact with other venomous fish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.592S	Toxic effect of contact with other venomous fish, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.612	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm	Diagnosis	ICD-10-CM
T63.612A	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.612D	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.612S	Toxic effect of contact with Portuguese Man-o-war, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.622	Toxic effect of contact with other jellyfish, intentional self-harm	Diagnosis	ICD-10-CM
T63.622A	Toxic effect of contact with other jellyfish, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.622D	Toxic effect of contact with other jellyfish, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.622S	Toxic effect of contact with other jellyfish, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.632	Toxic effect of contact with sea anemone, intentional self-harm	Diagnosis	ICD-10-CM
T63.632A	Toxic effect of contact with sea anemone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.632D	Toxic effect of contact with sea anemone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.632S	Toxic effect of contact with sea anemone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.692	Toxic effect of contact with other venomous marine animals, intentional self-harm	Diagnosis	ICD-10-CM
T63.692A	Toxic effect of contact with other venomous marine animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.692D	Toxic effect of contact with other venomous marine animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.692S	Toxic effect of contact with other venomous marine animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.712	Toxic effect of contact with venomous marine plant, intentional self-harm	Diagnosis	ICD-10-CM
T63.712A	Toxic effect of contact with venomous marine plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.712D	Toxic effect of contact with venomous marine plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.712S	Toxic effect of contact with venomous marine plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T63.792	Toxic effect of contact with other venomous plant, intentional self-harm	Diagnosis	ICD-10-CM
T63.792A	Toxic effect of contact with other venomous plant, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.792D	Toxic effect of contact with other venomous plant, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.792S	Toxic effect of contact with other venomous plant, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.812	Toxic effect of contact with venomous frog, intentional self-harm	Diagnosis	ICD-10-CM
T63.812A	Toxic effect of contact with venomous frog, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.812D	Toxic effect of contact with venomous frog, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.812S	Toxic effect of contact with venomous frog, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.822	Toxic effect of contact with venomous toad, intentional self-harm	Diagnosis	ICD-10-CM
T63.822A	Toxic effect of contact with venomous toad, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.822D	Toxic effect of contact with venomous toad, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.822S	Toxic effect of contact with venomous toad, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.832	Toxic effect of contact with other venomous amphibian, intentional self-harm	Diagnosis	ICD-10-CM
T63.832A	Toxic effect of contact with other venomous amphibian, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.832D	Toxic effect of contact with other venomous amphibian, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.832S	Toxic effect of contact with other venomous amphibian, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.892	Toxic effect of contact with other venomous animals, intentional self-harm	Diagnosis	ICD-10-CM
T63.892A	Toxic effect of contact with other venomous animals, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.892D	Toxic effect of contact with other venomous animals, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.892S	Toxic effect of contact with other venomous animals, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T63.92	Toxic effect of contact with unspecified venomous animal, intentional self-harm	Diagnosis	ICD-10-CM
T63.92XA	Toxic effect of contact with unspecified venomous animal, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T63.92XD	Toxic effect of contact with unspecified venomous animal, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T63.92XS	Toxic effect of contact with unspecified venomous animal, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T64.02	Toxic effect of aflatoxin, intentional self-harm	Diagnosis	ICD-10-CM
T64.02XA	Toxic effect of aflatoxin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.02XD	Toxic effect of aflatoxin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T64.02XS	Toxic effect of aflatoxin, intentional self-harm, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T64.82	Toxic effect of other mycotoxin food contaminants, intentional self-harm	Diagnosis	ICD-10-CM
T64.82XA	Toxic effect of other mycotoxin food contaminants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T64.82XD	Toxic effect of other mycotoxin food contaminants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T64.82XS	Toxic effect of other mycotoxin food contaminants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.0X2	Toxic effect of cyanides, intentional self-harm	Diagnosis	ICD-10-CM
T65.0X2A	Toxic effect of cyanides, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.0X2D	Toxic effect of cyanides, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.0X2S	Toxic effect of cyanides, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.1X2	Toxic effect of strychnine and its salts, intentional self-harm	Diagnosis	ICD-10-CM
T65.1X2A	Toxic effect of strychnine and its salts, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.1X2D	Toxic effect of strychnine and its salts, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.1X2S	Toxic effect of strychnine and its salts, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.212	Toxic effect of chewing tobacco, intentional self-harm	Diagnosis	ICD-10-CM
T65.212A	Toxic effect of chewing tobacco, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.212D	Toxic effect of chewing tobacco, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.212S	Toxic effect of chewing tobacco, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.222	Toxic effect of tobacco cigarettes, intentional self-harm	Diagnosis	ICD-10-CM
T65.222A	Toxic effect of tobacco cigarettes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.222D	Toxic effect of tobacco cigarettes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.222S	Toxic effect of tobacco cigarettes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.292	Toxic effect of other tobacco and nicotine, intentional self-harm	Diagnosis	ICD-10-CM
T65.292A	Toxic effect of other tobacco and nicotine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.292D	Toxic effect of other tobacco and nicotine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.292S	Toxic effect of other tobacco and nicotine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.3X2	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm	Diagnosis	ICD-10-CM
T65.3X2A	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.3X2D	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.3X2S	Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.4X2	Toxic effect of carbon disulfide, intentional self-harm	Diagnosis	ICD-10-CM
T65.4X2A	Toxic effect of carbon disulfide, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.4X2D	Toxic effect of carbon disulfide, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.4X2S	Toxic effect of carbon disulfide, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.5X2	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
T65.5X2A	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.5X2D	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.5X2S	Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.6X2	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm	Diagnosis	ICD-10-CM
T65.6X2A	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.6X2D	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.6X2S	Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.812	Toxic effect of latex, intentional self-harm	Diagnosis	ICD-10-CM
T65.812A	Toxic effect of latex, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.812D	Toxic effect of latex, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.812S	Toxic effect of latex, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.822	Toxic effect of harmful algae and algae toxins, intentional self-harm	Diagnosis	ICD-10-CM
T65.822A	Toxic effect of harmful algae and algae toxins, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.822D	Toxic effect of harmful algae and algae toxins, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.822S	Toxic effect of harmful algae and algae toxins, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.832	Toxic effect of fiberglass, intentional self-harm	Diagnosis	ICD-10-CM
T65.832A	Toxic effect of fiberglass, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.832D	Toxic effect of fiberglass, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.832S	Toxic effect of fiberglass, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.892	Toxic effect of other specified substances, intentional self-harm	Diagnosis	ICD-10-CM
T65.892A	Toxic effect of other specified substances, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.892D	Toxic effect of other specified substances, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.892S	Toxic effect of other specified substances, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.92	Toxic effect of unspecified substance, intentional self-harm	Diagnosis	ICD-10-CM
T65.92XA	Toxic effect of unspecified substance, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.92XD	Toxic effect of unspecified substance, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.92XS	Toxic effect of unspecified substance, intentional self-harm, sequela	Diagnosis	ICD-10-CM
<b>Other Self-Harm</b>			
X71	Intentional self-harm by drowning and submersion	Diagnosis	ICD-10-CM
X71.0	Intentional self-harm by drowning and submersion while in bathtub	Diagnosis	ICD-10-CM
X71.0XXA	Intentional self-harm by drowning and submersion while in bathtub, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X71.0XXD	Intentional self-harm by drowning and submersion while in bathtub, subsequent encounter	Diagnosis	ICD-10-CM
X71.0XXS	Intentional self-harm by drowning and submersion while in bathtub, sequela	Diagnosis	ICD-10-CM
X71.1	Intentional self-harm by drowning and submersion while in swimming pool	Diagnosis	ICD-10-CM
X71.1XXA	Intentional self-harm by drowning and submersion while in swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.1XXD	Intentional self-harm by drowning and submersion while in swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.1XXS	Intentional self-harm by drowning and submersion while in swimming pool, sequela	Diagnosis	ICD-10-CM
X71.2	Intentional self-harm by drowning and submersion after jump into swimming pool	Diagnosis	ICD-10-CM
X71.2XXA	Intentional self-harm by drowning and submersion after jump into swimming pool, initial encounter	Diagnosis	ICD-10-CM
X71.2XXD	Intentional self-harm by drowning and submersion after jump into swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
X71.2XXS	Intentional self-harm by drowning and submersion after jump into swimming pool, sequela	Diagnosis	ICD-10-CM
X71.3	Intentional self-harm by drowning and submersion in natural water	Diagnosis	ICD-10-CM
X71.3XXA	Intentional self-harm by drowning and submersion in natural water, initial encounter	Diagnosis	ICD-10-CM
X71.3XXD	Intentional self-harm by drowning and submersion in natural water, subsequent encounter	Diagnosis	ICD-10-CM
X71.3XXS	Intentional self-harm by drowning and submersion in natural water, sequela	Diagnosis	ICD-10-CM
X71.8	Other intentional self-harm by drowning and submersion	Diagnosis	ICD-10-CM
X71.8XXA	Other intentional self-harm by drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
X71.8XXD	Other intentional self-harm by drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
X71.8XXS	Other intentional self-harm by drowning and submersion, sequela	Diagnosis	ICD-10-CM
X71.9	Intentional self-harm by drowning and submersion, unspecified	Diagnosis	ICD-10-CM
X71.9XXA	Intentional self-harm by drowning and submersion, unspecified, initial encounter	Diagnosis	ICD-10-CM
X71.9XXD	Intentional self-harm by drowning and submersion, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
X71.9XXS	Intentional self-harm by drowning and submersion, unspecified, sequela	Diagnosis	ICD-10-CM
X72	Intentional self-harm by handgun discharge	Diagnosis	ICD-10-CM
X72.XXXA	Intentional self-harm by handgun discharge, initial encounter	Diagnosis	ICD-10-CM
X72.XXXD	Intentional self-harm by handgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X72.XXXS	Intentional self-harm by handgun discharge, sequela	Diagnosis	ICD-10-CM
X73	Intentional self-harm by rifle, shotgun and larger firearm discharge	Diagnosis	ICD-10-CM
X73.0	Intentional self-harm by shotgun discharge	Diagnosis	ICD-10-CM
X73.0XXA	Intentional self-harm by shotgun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.0XXD	Intentional self-harm by shotgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.0XXS	Intentional self-harm by shotgun discharge, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X73.1	Intentional self-harm by hunting rifle discharge	Diagnosis	ICD-10-CM
X73.1XXA	Intentional self-harm by hunting rifle discharge, initial encounter	Diagnosis	ICD-10-CM
X73.1XXD	Intentional self-harm by hunting rifle discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.1XXS	Intentional self-harm by hunting rifle discharge, sequela	Diagnosis	ICD-10-CM
X73.2	Intentional self-harm by machine gun discharge	Diagnosis	ICD-10-CM
X73.2XXA	Intentional self-harm by machine gun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.2XXD	Intentional self-harm by machine gun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.2XXS	Intentional self-harm by machine gun discharge, sequela	Diagnosis	ICD-10-CM
X73.8	Intentional self-harm by other larger firearm discharge	Diagnosis	ICD-10-CM
X73.8XXA	Intentional self-harm by other larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.8XXD	Intentional self-harm by other larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.8XXS	Intentional self-harm by other larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X73.9	Intentional self-harm by unspecified larger firearm discharge	Diagnosis	ICD-10-CM
X73.9XXA	Intentional self-harm by unspecified larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.9XXD	Intentional self-harm by unspecified larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.9XXS	Intentional self-harm by unspecified larger firearm discharge, sequela	Diagnosis	ICD-10-CM
X74	Intentional self-harm by other and unspecified firearm and gun discharge	Diagnosis	ICD-10-CM
X74.0	Intentional self-harm by gas, air or spring-operated guns	Diagnosis	ICD-10-CM
X74.01	Intentional self-harm by airgun	Diagnosis	ICD-10-CM
X74.01XA	Intentional self-harm by airgun, initial encounter	Diagnosis	ICD-10-CM
X74.01XD	Intentional self-harm by airgun, subsequent encounter	Diagnosis	ICD-10-CM
X74.01XS	Intentional self-harm by airgun, sequela	Diagnosis	ICD-10-CM
X74.02	Intentional self-harm by paintball gun	Diagnosis	ICD-10-CM
X74.02XA	Intentional self-harm by paintball gun, initial encounter	Diagnosis	ICD-10-CM
X74.02XD	Intentional self-harm by paintball gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.02XS	Intentional self-harm by paintball gun, sequela	Diagnosis	ICD-10-CM
X74.09	Intentional self-harm by other gas, air or spring-operated gun	Diagnosis	ICD-10-CM
X74.09XA	Intentional self-harm by other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
X74.09XD	Intentional self-harm by other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.09XS	Intentional self-harm by other gas, air or spring-operated gun, sequela	Diagnosis	ICD-10-CM
X74.8	Intentional self-harm by other firearm discharge	Diagnosis	ICD-10-CM
X74.8XXA	Intentional self-harm by other firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.8XXD	Intentional self-harm by other firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.8XXS	Intentional self-harm by other firearm discharge, sequela	Diagnosis	ICD-10-CM
X74.9	Intentional self-harm by unspecified firearm discharge	Diagnosis	ICD-10-CM
X74.9XXA	Intentional self-harm by unspecified firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.9XXD	Intentional self-harm by unspecified firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.9XXS	Intentional self-harm by unspecified firearm discharge, sequela	Diagnosis	ICD-10-CM
X75	Intentional self-harm by explosive material	Diagnosis	ICD-10-CM
X75.XXXA	Intentional self-harm by explosive material, initial encounter	Diagnosis	ICD-10-CM
X75.XXXD	Intentional self-harm by explosive material, subsequent encounter	Diagnosis	ICD-10-CM
X75.XXXS	Intentional self-harm by explosive material, sequela	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X76	Intentional self-harm by smoke, fire and flames	Diagnosis	ICD-10-CM
X76.XXXA	Intentional self-harm by smoke, fire and flames, initial encounter	Diagnosis	ICD-10-CM
X76.XXXD	Intentional self-harm by smoke, fire and flames, subsequent encounter	Diagnosis	ICD-10-CM
X76.XXXS	Intentional self-harm by smoke, fire and flames, sequela	Diagnosis	ICD-10-CM
X77	Intentional self-harm by steam, hot vapors and hot objects	Diagnosis	ICD-10-CM
X77.0	Intentional self-harm by steam or hot vapors	Diagnosis	ICD-10-CM
X77.0XXA	Intentional self-harm by steam or hot vapors, initial encounter	Diagnosis	ICD-10-CM
X77.0XXD	Intentional self-harm by steam or hot vapors, subsequent encounter	Diagnosis	ICD-10-CM
X77.0XXS	Intentional self-harm by steam or hot vapors, sequela	Diagnosis	ICD-10-CM
X77.1	Intentional self-harm by hot tap water	Diagnosis	ICD-10-CM
X77.1XXA	Intentional self-harm by hot tap water, initial encounter	Diagnosis	ICD-10-CM
X77.1XXD	Intentional self-harm by hot tap water, subsequent encounter	Diagnosis	ICD-10-CM
X77.1XXS	Intentional self-harm by hot tap water, sequela	Diagnosis	ICD-10-CM
X77.2	Intentional self-harm by other hot fluids	Diagnosis	ICD-10-CM
X77.2XXA	Intentional self-harm by other hot fluids, initial encounter	Diagnosis	ICD-10-CM
X77.2XXD	Intentional self-harm by other hot fluids, subsequent encounter	Diagnosis	ICD-10-CM
X77.2XXS	Intentional self-harm by other hot fluids, sequela	Diagnosis	ICD-10-CM
X77.3	Intentional self-harm by hot household appliances	Diagnosis	ICD-10-CM
X77.3XXA	Intentional self-harm by hot household appliances, initial encounter	Diagnosis	ICD-10-CM
X77.3XXD	Intentional self-harm by hot household appliances, subsequent encounter	Diagnosis	ICD-10-CM
X77.3XXS	Intentional self-harm by hot household appliances, sequela	Diagnosis	ICD-10-CM
X77.8	Intentional self-harm by other hot objects	Diagnosis	ICD-10-CM
X77.8XXA	Intentional self-harm by other hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.8XXD	Intentional self-harm by other hot objects, subsequent encounter	Diagnosis	ICD-10-CM
X77.8XXS	Intentional self-harm by other hot objects, sequela	Diagnosis	ICD-10-CM
X77.9	Intentional self-harm by unspecified hot objects	Diagnosis	ICD-10-CM
X77.9XXA	Intentional self-harm by unspecified hot objects, initial encounter	Diagnosis	ICD-10-CM
X77.9XXD	Intentional self-harm by unspecified hot objects, subsequent encounter	Diagnosis	ICD-10-CM
X77.9XXS	Intentional self-harm by unspecified hot objects, sequela	Diagnosis	ICD-10-CM
X78	Intentional self-harm by sharp object	Diagnosis	ICD-10-CM
X78.0	Intentional self-harm by sharp glass	Diagnosis	ICD-10-CM
X78.0XXA	Intentional self-harm by sharp glass, initial encounter	Diagnosis	ICD-10-CM
X78.0XXD	Intentional self-harm by sharp glass, subsequent encounter	Diagnosis	ICD-10-CM
X78.0XXS	Intentional self-harm by sharp glass, sequela	Diagnosis	ICD-10-CM
X78.1	Intentional self-harm by knife	Diagnosis	ICD-10-CM
X78.1XXA	Intentional self-harm by knife, initial encounter	Diagnosis	ICD-10-CM
X78.1XXD	Intentional self-harm by knife, subsequent encounter	Diagnosis	ICD-10-CM
X78.1XXS	Intentional self-harm by knife, sequela	Diagnosis	ICD-10-CM
X78.2	Intentional self-harm by sword or dagger	Diagnosis	ICD-10-CM
X78.2XXA	Intentional self-harm by sword or dagger, initial encounter	Diagnosis	ICD-10-CM
X78.2XXD	Intentional self-harm by sword or dagger, subsequent encounter	Diagnosis	ICD-10-CM
X78.2XXS	Intentional self-harm by sword or dagger, sequela	Diagnosis	ICD-10-CM
X78.8	Intentional self-harm by other sharp object	Diagnosis	ICD-10-CM
X78.8XXA	Intentional self-harm by other sharp object, initial encounter	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
X78.8XXD	Intentional self-harm by other sharp object, subsequent encounter	Diagnosis	ICD-10-CM
X78.8XXS	Intentional self-harm by other sharp object, sequela	Diagnosis	ICD-10-CM
X78.9	Intentional self-harm by unspecified sharp object	Diagnosis	ICD-10-CM
X78.9XXA	Intentional self-harm by unspecified sharp object, initial encounter	Diagnosis	ICD-10-CM
X78.9XXD	Intentional self-harm by unspecified sharp object, subsequent encounter	Diagnosis	ICD-10-CM
X78.9XXS	Intentional self-harm by unspecified sharp object, sequela	Diagnosis	ICD-10-CM
X79	Intentional self-harm by blunt object	Diagnosis	ICD-10-CM
X79.XXXA	Intentional self-harm by blunt object, initial encounter	Diagnosis	ICD-10-CM
X79.XXXD	Intentional self-harm by blunt object, subsequent encounter	Diagnosis	ICD-10-CM
X79.XXXS	Intentional self-harm by blunt object, sequela	Diagnosis	ICD-10-CM
X80	Intentional self-harm by jumping from a high place	Diagnosis	ICD-10-CM
X80.XXXA	Intentional self-harm by jumping from a high place, initial encounter	Diagnosis	ICD-10-CM
X80.XXXD	Intentional self-harm by jumping from a high place, subsequent encounter	Diagnosis	ICD-10-CM
X80.XXXS	Intentional self-harm by jumping from a high place, sequela	Diagnosis	ICD-10-CM
X81	Intentional self-harm by jumping or lying in front of moving object	Diagnosis	ICD-10-CM
X81.0	Intentional self-harm by jumping or lying in front of motor vehicle	Diagnosis	ICD-10-CM
X81.0XXA	Intentional self-harm by jumping or lying in front of motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X81.0XXD	Intentional self-harm by jumping or lying in front of motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X81.0XXS	Intentional self-harm by jumping or lying in front of motor vehicle, sequela	Diagnosis	ICD-10-CM
X81.1	Intentional self-harm by jumping or lying in front of (subway) train	Diagnosis	ICD-10-CM
X81.1XXA	Intentional self-harm by jumping or lying in front of (subway) train, initial encounter	Diagnosis	ICD-10-CM
X81.1XXD	Intentional self-harm by jumping or lying in front of (subway) train, subsequent encounter	Diagnosis	ICD-10-CM
X81.1XXS	Intentional self-harm by jumping or lying in front of (subway) train, sequela	Diagnosis	ICD-10-CM
X81.8	Intentional self-harm by jumping or lying in front of other moving object	Diagnosis	ICD-10-CM
X81.8XXA	Intentional self-harm by jumping or lying in front of other moving object, initial encounter	Diagnosis	ICD-10-CM
X81.8XXD	Intentional self-harm by jumping or lying in front of other moving object, subsequent encounter	Diagnosis	ICD-10-CM
X81.8XXS	Intentional self-harm by jumping or lying in front of other moving object, sequela	Diagnosis	ICD-10-CM
X82	Intentional self-harm by crashing of motor vehicle	Diagnosis	ICD-10-CM
X82.0	Intentional collision of motor vehicle with other motor vehicle	Diagnosis	ICD-10-CM
X82.0XXA	Intentional collision of motor vehicle with other motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X82.0XXD	Intentional collision of motor vehicle with other motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
X82.0XXS	Intentional collision of motor vehicle with other motor vehicle, sequela	Diagnosis	ICD-10-CM
X82.1	Intentional collision of motor vehicle with train	Diagnosis	ICD-10-CM
X82.1XXA	Intentional collision of motor vehicle with train, initial encounter	Diagnosis	ICD-10-CM
X82.1XXD	Intentional collision of motor vehicle with train, subsequent encounter	Diagnosis	ICD-10-CM
X82.1XXS	Intentional collision of motor vehicle with train, sequela	Diagnosis	ICD-10-CM



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

Code	Description	Code Category	Code Type
X82.2	Intentional collision of motor vehicle with tree	Diagnosis	ICD-10-CM
X82.2XXA	Intentional collision of motor vehicle with tree, initial encounter	Diagnosis	ICD-10-CM
X82.2XXD	Intentional collision of motor vehicle with tree, subsequent encounter	Diagnosis	ICD-10-CM
X82.2XXS	Intentional collision of motor vehicle with tree, sequela	Diagnosis	ICD-10-CM
X82.8	Other intentional self-harm by crashing of motor vehicle	Diagnosis	ICD-10-CM
X82.8XXA	Other intentional self-harm by crashing of motor vehicle, initial encounter	Diagnosis	ICD-10-CM
X82.8XXD	Other intentional self-harm by crashing of motor vehicle, subsequent	Diagnosis	ICD-10-CM
X82.8XXS	Other intentional self-harm by crashing of motor vehicle, sequela	Diagnosis	ICD-10-CM
X83	Intentional self-harm by other specified means	Diagnosis	ICD-10-CM
X83.0	Intentional self-harm by crashing of aircraft	Diagnosis	ICD-10-CM
X83.0XXA	Intentional self-harm by crashing of aircraft, initial encounter	Diagnosis	ICD-10-CM
X83.0XXD	Intentional self-harm by crashing of aircraft, subsequent encounter	Diagnosis	ICD-10-CM
X83.0XXS	Intentional self-harm by crashing of aircraft, sequela	Diagnosis	ICD-10-CM
X83.1	Intentional self-harm by electrocution	Diagnosis	ICD-10-CM
X83.1XXA	Intentional self-harm by electrocution, initial encounter	Diagnosis	ICD-10-CM
X83.1XXD	Intentional self-harm by electrocution, subsequent encounter	Diagnosis	ICD-10-CM
X83.1XXS	Intentional self-harm by electrocution, sequela	Diagnosis	ICD-10-CM
X83.2	Intentional self-harm by exposure to extremes of cold	Diagnosis	ICD-10-CM
X83.2XXA	Intentional self-harm by exposure to extremes of cold, initial encounter	Diagnosis	ICD-10-CM
X83.2XXD	Intentional self-harm by exposure to extremes of cold, subsequent encounter	Diagnosis	ICD-10-CM
X83.2XXS	Intentional self-harm by exposure to extremes of cold, sequela	Diagnosis	ICD-10-CM
X83.8	Intentional self-harm by other specified means	Diagnosis	ICD-10-CM
X83.8XXA	Intentional self-harm by other specified means, initial encounter	Diagnosis	ICD-10-CM
X83.8XXD	Intentional self-harm by other specified means, subsequent encounter	Diagnosis	ICD-10-CM
X83.8XXS	Intentional self-harm by other specified means, sequela	Diagnosis	ICD-10-CM
<b>Asthma Diagnosis - Component of Asthma Exacerbation Episode</b>			
493.0	Extrinsic asthma	Diagnosis	ICD-9-CM
493.00	Extrinsic asthma, unspecified	Diagnosis	ICD-9-CM
493.02	Extrinsic asthma, with (acute) exacerbation	Diagnosis	ICD-9-CM
493.1	Intrinsic asthma	Diagnosis	ICD-9-CM
493.10	Intrinsic asthma, unspecified	Diagnosis	ICD-9-CM
493.12	Intrinsic asthma, with (acute) exacerbation	Diagnosis	ICD-9-CM
493.20	Chronic obstructive asthma, unspecified ICD-9-CM	Diagnosis	ICD-9-CM
493.21	Chronic obstructive asthma with status asthmaticus ICD-9-CM	Diagnosis	ICD-9-CM
493.22	Chronic obstructive asthma, with (acute) exacerbation ICD-9-CM	Diagnosis	ICD-9-CM
493.8	Other forms of asthma	Diagnosis	ICD-9-CM
493.82	Cough variant asthma	Diagnosis	ICD-9-CM
493.9	Unspecified asthma	Diagnosis	ICD-9-CM
493.90	Asthma, unspecified, unspecified status	Diagnosis	ICD-9-CM
493.92	Asthma, unspecified, with (acute) exacerbation	Diagnosis	ICD-9-CM
J45	Asthma	Diagnosis	ICD-10-CM
J45.2	Mild intermittent asthma	Diagnosis	ICD-10-CM
J45.20	Mild intermittent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.21	Mild intermittent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
J45.3	Mild persistent asthma	Diagnosis	ICD-10-CM
J45.30	Mild persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.31	Mild persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.4	Moderate persistent asthma	Diagnosis	ICD-10-CM
J45.40	Moderate persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.41	Moderate persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.5	Severe persistent asthma	Diagnosis	ICD-10-CM
J45.50	Severe persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.51	Severe persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.9	Other and unspecified asthma	Diagnosis	ICD-10-CM
J45.90	Unspecified asthma	Diagnosis	ICD-10-CM
J45.901	Unspecified asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.909	Unspecified asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.99	Other asthma	Diagnosis	ICD-10-CM
J45.991	Cough variant asthma	Diagnosis	ICD-10-CM
J45.998	Other asthma	Diagnosis	ICD-10-CM
<b>Asthma Exacerbation - Component of Asthma Exacerbation Episode</b>			
493.01	Extrinsic asthma with status asthmaticus	Diagnosis	ICD-9-CM
493.02	Extrinsic asthma, with (acute) exacerbation	Diagnosis	ICD-9-CM
493.11	Intrinsic asthma with status asthmaticus	Diagnosis	ICD-9-CM
493.12	Intrinsic asthma, with (acute) exacerbation	Diagnosis	ICD-9-CM
493.91	Asthma, unspecified with status asthmaticus	Diagnosis	ICD-9-CM
493.92	Asthma, unspecified, with (acute) exacerbation	Diagnosis	ICD-9-CM
J45.21	Mild intermittent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.22	Mild intermittent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.31	Mild persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.32	Mild persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.41	Moderate persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.42	Moderate persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.51	Severe persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.52	Severe persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.901	Unspecified asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.902	Unspecified asthma with status asthmaticus	Diagnosis	ICD-10-CM
<b>Respiratory Failure - Component of Asthma Exacerbation Episode</b>			
518.81	Acute respiratory failure	Diagnosis	ICD-9-CM
518.82	Other pulmonary insufficiency, not elsewhere classified	Diagnosis	ICD-9-CM
518.84	Acute and chronic respiratory failure	Diagnosis	ICD-9-CM
799.1	Respiratory arrest	Diagnosis	ICD-9-CM
J80	Acute respiratory distress syndrome	Diagnosis	ICD-10-CM
J96.0	Acute respiratory failure	Diagnosis	ICD-10-CM
J96.00	Acute respiratory failure, unspecified whether with hypoxia or hypercapnia	Diagnosis	ICD-10-CM
J96.01	Acute respiratory failure with hypoxia	Diagnosis	ICD-10-CM
J96.02	Acute respiratory failure with hypercapnia	Diagnosis	ICD-10-CM

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

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J96.20	Acute and chronic respiratory failure, unspecified whether with hypoxia or hypercapnia	Diagnosis	ICD-10-CM
J96.21	Acute and chronic respiratory failure with hypoxia	Diagnosis	ICD-10-CM
J96.22	Acute and chronic respiratory failure with hypercapnia	Diagnosis	ICD-10-CM
J96.90	Respiratory failure, unspecified, unspecified whether with hypoxia or hypercapnia	Diagnosis	ICD-10-CM
J96.91	Respiratory failure, unspecified with hypoxia	Diagnosis	ICD-10-CM
J96.92	Respiratory failure, unspecified with hypercapnia	Diagnosis	ICD-10-CM
R09.2	Respiratory arrest	Diagnosis	ICD-10-CM

**Appendix AE. List of Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System, Level II (HCPCS) Codes Used to Define Covariates in this Request**

Code	Description	Code Category	Code Type
<b>Oral Corticosteroid Dispensing</b>			
J7506	Prednisone, oral, per 5 mg	Procedure	HCPCS
J7509	Methylprednisolone, oral, per 4 mg	Procedure	HCPCS
J7510	Prednisolone, oral, per 5 mg	Procedure	HCPCS
J7512	Prednisone, immediate release or delayed release, oral, 1 mg	Procedure	HCPCS
J8540	Dexamethasone, oral, 0.25 mg	Procedure	HCPCS
S0173	Dexamethasone, oral, 4 mg	Procedure	HCPCS
<b>Oral Corticosteroid Dispensing - Component of Asthma Exacerbation Episode</b>			
J7506	Prednisone, oral, per 5 mg	Procedure	HCPCS
J7509	Methylprednisolone, oral, per 4 mg	Procedure	HCPCS
J7510	Prednisolone, oral, per 5 mg	Procedure	HCPCS
J7512	Prednisone, immediate release or delayed release, oral, 1 mg	Procedure	HCPCS
J8540	Dexamethasone, oral, 0.25 mg	Procedure	HCPCS
S0173	Dexamethasone, oral, 4 mg	Procedure	HCPCS
<b>Other Asthma Medication</b>			
80184	Phenobarbital	Procedure	CPT-4
80198	Theophylline	Procedure	CPT-4
82137	Aminophylline	Procedure	CPT-4
84420	Theophylline, Blood Or Saliva	Procedure	CPT-4
J1180	Injection, dyphylline, up to 500 mg	Procedure	HCPCS
J2560	Injection, phenobarbital sodium, up to 120 mg	Procedure	HCPCS
J2810	Injection, theophylline, per 40 mg	Procedure	HCPCS
J3105	Injection, terbutaline sulfate, up to 1 mg	Procedure	HCPCS
J7602	Albuterol, all formulations including separated isomers, inhalation solution, FDA-approved final product, noncompounded, administered through DME, concentrated form, per 1 mg (Albuterol) or per 0.5 mg Levalbuterol)	Procedure	HCPCS
J7603	Albuterol, all formulations including separated isomers, inhalation solution, FDA-approved final product, noncompounded, administered through DME, unit dose, per 1 mg (Albuterol) or per 0.5 mg Levalbuterol)	Procedure	HCPCS
J7607	Levalbuterol, inhalation solution, compounded product, administered through DME, concentrated form, 0.5 mg	Procedure	HCPCS
J7609	Albuterol, inhalation solution, compounded product, administered through DME, unit dose, 1 mg	Procedure	HCPCS
J7610	Albuterol, inhalation solution, compounded product, administered through DME, concentrated form, 1 mg	Procedure	HCPCS
J7611	Albuterol, inhalation solution, FDA-approved final product, noncompounded, administered through DME, concentrated form, 1 mg	Procedure	HCPCS
J7612	Levalbuterol, inhalation solution, FDA-approved final product, noncompounded, administered through DME, concentrated form, 0.5 mg	Procedure	HCPCS
J7613	Albuterol, inhalation solution, FDA-approved final product, noncompounded, administered through DME, unit dose, 1 mg	Procedure	HCPCS
J7614	Levalbuterol, inhalation solution, FDA-approved final product, noncompounded, administered through DME, unit dose, 0.5 mg	Procedure	HCPCS
J7615	Levalbuterol, inhalation solution, compounded product, administered through DME, unit dose, 0.5 mg	Procedure	HCPCS
J7616	Albuterol, up to 5 mg and ipratropium bromide, up to 1 mg, compounded inhalation solution, administered through DME	Procedure	HCPCS
J7617	Levalbuterol, up to 2.5 mg and ipratropium bromide, up to 1 mg, compounded inhalation solution, administered through DME	Procedure	HCPCS

**Appendix AE. List of Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System, Level II (HCPCS) Codes Used to Define Covariates in this Request**

Code	Description	Code Category	Code Type
J7618	Albuterol, all formulations including separated isomers, inhalation solution administered through DME, concentrated form, per 1 mg (albuterol) or per 0.5 mg (levalbuterol)	Procedure	HCPCS
J7619	Albuterol, all formulations including separated isomers, inhalation solution administered through DME, unit dose, per 1 mg (albuterol) or per 0.5 mg (levalbuterol)	Procedure	HCPCS
J7620	Albuterol, up to 2.5 mg and ipratropium bromide, up to 0.5 mg, FDA-approved final product, noncompounded, administered through DME	Procedure	HCPCS
J7621	Albuterol, all formulations, including separated isomers, up to 5 mg (albuterol) or 2.5 mg (levoalbuterol), and ipratropium bromide, up to 1 mg, compounded inhalation solution, administered through dme	Procedure	HCPCS
J7625	Albuterol sulfate, 0.5%, per ml, inhalation solution administered through DME	Procedure	HCPCS
J7644	Ipratropium bromide, inhalation solution, FDA-approved final product, noncompounded, administered through DME, unit dose form, per mg	Procedure	HCPCS
J7645	Ipratropium bromide, inhalation solution, compounded product, administered through DME, unit dose form, per mg	Procedure	HCPCS
J7667	Metaproterenol sulfate, inhalation solution, compounded product, concentrated form, per 10	Procedure	HCPCS
J7668	Metaproterenol sulfate, inhalation solution, FDA-approved final product, noncompounded, administered through DME, concentrated form, per 10 mg	Procedure	HCPCS
J7669	Metaproterenol sulfate, inhalation solution, FDA-approved final product, noncompounded, administered through DME, unit dose form, per 10 mg	Procedure	HCPCS
J7670	Metaproterenol sulfate, inhalation solution, compounded product, administered through DME, unit dose form, per 10 mg	Procedure	HCPCS
J7672	Metaproterenol sulfate, 0.6%, per 2.5 ml, inhalation solution administered through DME	Procedure	HCPCS
J7675	Metaproterenol sulfate, 5.0%, per ml, inhalation solution administered through DME	Procedure	HCPCS
J7680	Terbutaline sulfate, inhalation solution, compounded product, administered through DME, concentrated form, per mg	Procedure	HCPCS
J7681	Terbutaline sulfate, inhalation solution, compounded product, administered through DME, unit dose form, per mg	Procedure	HCPCS
K0504	Albuterol, inhalation solution administered through DME, concentrated form, per milligram	Procedure	HCPCS
K0505	Albuterol, inhalation solution administered through DME, unit dose form, per milligram	Procedure	HCPCS
K0518	Ipratropium bromide, inhalation solution administered through DME, unit dose form, per	Procedure	HCPCS
K0523	Metaproterenol sulfate, inhalation solution administered through DME, concentrated form, per 10 milligrams	Procedure	HCPCS
K0524	Metaproterenol sulfate, inhalation solution administered through DME, unit dose form, per 10 milligrams	Procedure	HCPCS
K0525	Terbutaline sulfate, inhalation solution administered through DME, concentrated form, per	Procedure	HCPCS
K0526	Terbutaline sulfate, inhalation solution administered through DME, unit dose form, per	Procedure	HCPCS
Q4093	Albuterol, all formulations including separated isomers, inhalation solution, FDA-approved final product, non-compounded, administered through DME, concentrated form, per 1 mg (Albuterol) or per 0.5 mg (Levalbuterol)	Procedure	HCPCS
Q4094	Albuterol, all formulations including separated isomers, inhalation solution, FDA-approved final product, non-compounded, administered through DME, unit dose, per 1 mg (Albuterol) or per 0.5 mg (Levalbuterol)	Procedure	HCPCS

**Appendix AF. Specifications Defining Parameters for Covariates in this Request**

Covariate	Table 1	Propensity Score	Subgroup	Care Setting	Principal Diagnosis Position	Evaluation		Dispensing Evaluation	Number of Instances the Covariate Should be Found in Evaluation Period
						Period Start	Period End		
Combined Comorbidity Score	Yes	Yes	--	Any	Any	-183	0	N/A	1
Age	Yes (categorical)	Yes (continuous)	Yes (10-24, 25-54, 55+)	N/A	N/A	N/A	N/A	N/A	N/A
Sex	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
Year	Yes	Yes	--	N/A	N/A	N/A	N/A	N/A	N/A
Pre/post boxed warning (March 2020)	Yes	Yes (but not subgroup PS models)	Yes	N/A	N/A	N/A	N/A	N/A	N/A
Pre boxed warning	Yes	No	--	N/A	N/A	N/A	N/A	N/A	N/A
Post boxed warning	Yes	No	--	N/A	N/A	N/A	N/A	N/A	N/A
4-Level Seasonality	Yes (categorical)	Yes (categorical)	--	N/A	N/A	N/A	N/A	N/A	N/A
Winter	Yes	Yes	--	N/A	N/A	N/A	N/A	N/A	N/A
Spring	Yes	Yes	--	N/A	N/A	N/A	N/A	N/A	N/A
Summer	Yes	Yes	--	N/A	N/A	N/A	N/A	N/A	N/A
Fall	Yes	Yes	--	N/A	N/A	N/A	N/A	N/A	N/A
Psychiatric history	Yes	Yes	Yes	Any	Any	-183	0	Dispensing and days supply	1
Psychiatric drug dispensings	Yes	No	--	Any	Any	-183	0	Dispensing and days supply	1
Self harm encounter (Patrick algorithm for ICD-9 era)	Yes	No	--	Any	Any	-183	-1	N/A	1
Encounter for any other psychiatric event (inpatient, outpatient, ER; including psychotherapy)	Yes	No	--	Any	Any	-183	0	N/A	1
Asthma Severity									
Asthma, Emergency encounter	Yes (continuous)	Yes (dichotomous)	--	Emergency	N/A	-183	0	N/A	1
Asthma, Inpatient encounter	Yes (continuous)	Yes (dichotomous)	--	Inpatient	Primary	-183	0 <sup>1</sup>	N/A	1
Asthma, Outpatient encounter	Yes (continuous)	Yes (dichotomous)	--	Ambulatory, Other Ambulatory	N/A	-183	0	N/A	1
Oral Corticosteroid Dispensing	Yes	Yes	--	N/A	N/A	-183	-1	Dispensing and days supply	1

**Appendix AF. Specifications Defining Parameters for Covariates in this Request**

Covariate	Table 1	Propensity Score	Subgroup	Care Setting	Principal Diagnosis Position	Evaluation Period Start	Evaluation Period End	Dispensing Evaluation	Number of Instances the Covariate Should be Found in Evaluation Period
Use of other asthma medications (short-acting beta-agonists, anticholinergic agents, phosphodiesterase inhibitors) (dichotomous)	Yes	Yes	--	N/A	N/A	-183	0	Dispensing and days supply	1
Moderate asthma exacerbation event	Yes	No	--	Ambulatory, Emergency, Other Ambulatory	No	-183	-1	Dispensing and days supply	1
Severe asthma exacerbation event	Yes	Yes	--	Inpatient	No	-183	-1	Dispensing and days supply	1
Allergic Rhinitis	Yes	Yes	--	Any	Any	-183	0	N/A	1
Past Medical History									
Anxiety	Yes	Yes	--	Any	Any	-183	0	N/A	1
Depression	Yes	Yes	--	Any	Any	-183	0	N/A	1
Sleep disorder	Yes	Yes	--	Any	Any	-183	0	N/A	1
Substance Abuse	Yes	Yes	--	Any	Any	-183	0	N/A	1
Past History of Drug Use									
Analgesic opiates	Yes	Yes	--	N/A	N/A	-183	0	Dispensing and days supply	1
Antipsychotics	Yes	Yes	--	N/A	N/A	-183	0	Dispensing and days supply	1
Anxiolytics/hypnotics	Yes	Yes	--	N/A	N/A	-183	0	Dispensing and days supply	1
Lithium and other mood stabilizers	Yes	Yes	--	N/A	N/A	-183	0	Dispensing and days supply	1
Antidepressants	Yes	Yes	--	N/A	N/A	-183	0	Dispensing and days supply	1
Health Service Utilization Intensity									
Mean number of ambulatory encounters (continuous)	Yes (continuous)	Yes		Ambulatory	N/A	-183	0	N/A	N/A
Mean number of inpatient encounters	Yes (continuous)	Yes		Inpatient	N/A	-183	0	N/A	N/A
Mean number of ED visits	Yes (continuous)	Yes		Emergency	N/A	-183	0	N/A	N/A
Count of dispensings	Yes (continuous)	Yes		N/A	N/A	-183	0	N/A	N/A

**Appendix AF. Specifications Defining Parameters for Covariates in this Request**

Covariate	Table 1	Propensity Score	Subgroup	Care Setting	Principal Diagnosis Position	Evaluation Period Start	Evaluation Period End	Dispensing Evaluation	Number of Instances the Covariate Should be Found in Evaluation Period
Count of unique generic names dispensed (continuous)	Yes (continuous)	Yes		N/A	N/A	-183	0	N/A	N/A
Count of unique class names dispensed (continuous)	Yes (continuous)	Yes		N/A	N/A	-183	0	N/A	N/A
Number of inpatient visits for respiratory disorders (continuous)	Yes (continuous)	Yes	--	Inpatient	Any	-183	0	N/A	1
Number of emergency dept visits for respiratory disorders	Yes (continuous)	Yes	--	Emergency	Any	-183	0	N/A	1
Number of outpatient visits for respiratory disorders (continuous)	Yes (continuous)	Yes	--	Ambulatory, Other Ambulatory	Any	-183	0	N/A	1

<sup>1</sup> Evaluation on day 0 is limited to those members entering the cohort

For Self-harm, which is also an outcome, members are dropped for evidence of the outcome on the index date due to the blackout.



**Appendix AG. Specifications Defining Parameters for Asthma Exacerbation Events in this Request**

**Asthma exacerbation episode definition**

Outcome	Description	Care setting	Episode gap	Episode extension
Severe exacerbation event	Asthma Exacerbation Codes in any position OR Asthma diagnosis in the primary position OR Acute respiratory failure diagnosis in the primary position + Asthma diagnosis in any position	Inpatient	14 days	14 days
Moderate exacerbation event	Asthma Exacerbation Codes AND Oral Corticosteroids (+/- 7 days) OR Asthma Diagnosis Codes AND Oral Corticosteroids (+/- 7 days)  Events will be evaluated sequentially for patients in the cohort from their left censor date (earliest time frame of required data) to their right censor date. In this query, this will be [index dt – 183, end of available data]. Events will be processed and event dates assigned to the earlier of the paired RX and DX. A valid RX code can be assigned to be paired with one DX code alone.	Ambulatory, Emergency, Other Ambulatory	14 days	14 days

**Exacerbation episodes order of processing:**

For every patient with qualifying index date, generate patient record of exacerbation episodes as follows:

Starting with leftmost censor date (183 days prior to 1st qualifying index) through available enrollment data, calculate exacerbation episodes by:

1. Find all evidence of serious exacerbations as defined by code lists, retaining admission date (ADATE) and discharge date (DDATE)
2. Find all evidence of moderate exacerbation events defined by code lists with required concomitant OCS/ABX medications, retaining ADATE and DDATE (which should be same for these events and is the FIRST of the RX/DX pair to occur)

This should result in various points-in-times (flags) for exacerbation events as described above.

3. Concatenate exacerbation episodes similarly to how treatment episodes are concatenated by a) dropping overlapping exacerbation events - i.e., no "stockpiling" equivalent, b) using gap parameter of 14 days to concatenate exacerbation events and c) adding final 14 day extension to last exacerbation event. These exacerbation episodes are formed from earliest to latest exacerbation using event date flags created in earlier steps. 14 day gap parameter looks ahead from DDATE.

If exacerbation episode has ANY serious exacerbation flag within it, assign episode as serious. Otherwise, assign as moderate.

Create standalone analytic dataset of PATID, exacerbation episode numbers, exacerbation episode start and end dates, exacerbation event dates (ADATE, DDATE) within episode, flag for serious or moderate exacerbations.

### Appendix AH. Specifications Defining Parameters In this Request

We executed the Cohort Identification and Descriptive Analysis (CIDA) tool version 12.0.0 with additional programming, to investigate if there is an increased risk of intentional self-harm associated with montelukast compared to Inhaled Corticosteroids (ICS) in the Sentinel Distributed Database (SDD).

**Query Period:** 10/1/2015 - 6/30/2022  
**Coverage Requirement:** Medical and Drug Coverage  
**Pre-index enrollment requirement:** 183 days  
**Post-index enrollment requirement:** None  
**Restrictions:** Male and Female only  
**Age:** 10-24, 25-54, 55+  
**Enrollment gap:** 45 days  
**Envelope macro:** On: Reclassify encounters during inpatient stay as inpatient  
**Never-exposed cohort:** None  
**Additional Output (Dist of Index, MFU):** Censoring  
**Freeze data:** Yes

	Comparison 1		Comparison 2	
Logic	Composite Outcome		Composite Outcome	
Group	Mont	ICS	Mont_sens	ICS_sens
<b>Drug/Exposure</b>	Montelukast		ICS monotherapy	
<b>Index Exposure/Comparator</b>	First valid incident treatment episode during the query period		First valid incident treatment episode during the query period	
<b>Cohort Definition</b>				
<b>Incidence Exposure washout period</b>	-183 days		-183 days	
<b>Incident w/ Respect to:</b>	Montelukast, ICS monotherapy, LABAs, ICS combination therapies, or other LTRAs	Montelukast, other LTRAs, ICS monotherapy, LABAs, ICS combination therapies	Montelukast, ICS monotherapy, LABAs, ICS combination therapies, or other LTRAs	Montelukast, other LTRAs, ICS monotherapy, LABAs, ICS combination therapies
<b>Exclude evidence of days supply if exposure washout include dispensings</b>	Washout lookback period should search for evidence of days supply		Washout lookback period should search for evidence of days supply	
<b>Stockpiling</b>	Generic Name		Generic Name	
<b>Point Exposure</b>	No		No	
<b>Treatment Episode Gap</b>	30 days Fixed		30 days Fixed	
<b>Exposure Episode Extension</b>	30 days		30 days	
<b>Incidence Criteria Care Setting/PDX</b>	Any		Any	
<b>Create Baseline Table?</b>	Yes		Yes	
<b>Inclusion/Exclusion Criteria</b>				
<b>Criteria</b>	Asthma with or without allergic rhinitis		Asthma with or without allergic rhinitis	

**Appendix AH. Specifications Defining Parameters In this Request**

	Comparison 1		Comparison 2	
Logic	Composite Outcome		Composite Outcome	
Group	Mont	ICS	Mont_sens	ICS_sens
<b>Type</b>	Inclusion		Inclusion	
<b>Evaluation Window</b>	-183, 0		-183, 0	
<b>Care Setting/PDX</b>	Any		Any	
<b>Number of instances the criteria should be found in the evaluation period</b>	1		1	
<b>Criteria</b>	COPD		COPD	
<b>Type</b>	Exclusion		Exclusion	
<b>Evaluation Window</b>	-183, 0		-183, 0	
<b>Care Setting/PDX</b>	Any		Any	
<b>Number of instances the criteria should be found in the evaluation period</b>	1		1	
<b>Criteria</b>	ICS Monotherapy	Montelukast	ICS Monotherapy	Montelukast
<b>Type</b>	Exclusion		Exclusion	
<b>Evaluation Window</b>	0,0		0,1	
<b>Care Setting/PDX</b>	Any		Any	
<b>Number of instances the criteria should be found in the evaluation period</b>	1		1	
<b>At Risk Time</b>				
<b>Minimum exposure episode duration</b>	----		----	
<b>Maximum exposure episode duration</b>	----		----	

**Appendix AH. Specifications Defining Parameters In this Request**

	Comparison 1		Comparison 2	
Logic	Composite Outcome		Composite Outcome	
Group	Mont	ICS	Mont_sens	ICS_sens
<b>Censoring Criteria</b>	(1) Dispensing of ICS monotherapy, LABAs, ICS combination therapies, or another LTRA (2) Dispensing of oral corticosteroid (3) Asthma-related hospitalization in the primary position (4) Death (5) DP End Date (6) Query End Date (7) Disenrollment (8) Outcome (9) End of treatment episode (10) Hospitalization or Institutional Stay unrelated to the outcome	(1) Dispensing of montelukast, LABAs, ICS combination therapies, or LTRAs (2) Dispensing of oral corticosteroid (3) Asthma-related hospitalization in the primary position (4) Death (5) DP End Date (6) Query End Date (7) Disenrollment (8) Outcome (9) End of treatment episode (10) Hospitalization or Institutional Stay unrelated to the outcome	(1) Dispensing of ICS monotherapy, LABAs, ICS combination therapies, or another LTRA (2) Dispensing of oral corticosteroid (3) Asthma-related hospitalization in the primary position (4) Death (5) DP End Date (6) Query End Date (7) Disenrollment (8) Outcome (9) End of treatment episode (10) Hospitalization or Institutional Stay unrelated to the outcome	(1) Dispensing of montelukast, LABAs, ICS combination therapies, or LTRAs (2) Dispensing of oral corticosteroid (3) Asthma-related hospitalization in the primary position (4) Death (5) DP End Date (6) Query End Date (7) Disenrollment (8) Outcome (9) End of treatment episode (10) Hospitalization or Institutional Stay unrelated to the outcome
<b>Blackout Period</b>	1 (no same day exposure outcome)		1 (no same day exposure outcome)	
<b>Event/Outcome</b>				
<b>Event/Outcome</b>	Any Intentional Self-Harm Outcome (ICD-10)		Any Intentional Self-Harm Outcome (ICD-10)	
<b>Incident event washout period</b>	0		0	
<b>Care Setting</b>	Any		Inpatient, Emergency Department	
<b>Event de-duplication</b>	De-duplicates occurrences of the same event group on the same day		De-duplicates occurrences of the same event group on the same day	
<b>Propensity Score Matching</b>				
<b>Covariates</b>	See covariates tab		See covariates tab	
<b>IP Weight</b>	ATT		ATT	
<b>Truncate</b>	0, 2.5, 5.0		0, 2.5, 5.0	
<b>Apply Firth Correction</b>	No		No	

**Appendix AH. Specifications Defining Parameters In this Request**

	Comparison 1		Comparison 2	
Logic	Composite Outcome		Composite Outcome	
Group	Mont	ICS	Mont_sens	ICS_sens
<b>Additional Covariates to Adjust for in Cox Model</b>	-----		-----	
<b>Subgroup Analysis</b>	(1) Label change via dichotomous periods (2015-2020, 2021-forward) (2) Sex (Male and Female) (3) Age (12-24, 25-54, 55+) (4) History of psych disorder (y/n)		(1) Label change via dichotomous periods (2015-2020, 2021-forward) (2) Sex (Male and Female) (3) Age (12-24, 25-54, 55+) (4) History of psych disorder (y/n)	
<b>Re-estimate PS within subgroups</b>	Yes		Yes	
<b>Effect Estimation</b>	Risk set level		Risk set level	
<b>Kaplan Meier Plot</b>	No		No	
	Comparison 3		Comparison 4	
Logic	Composite Outcome		Composite Outcome	
Group	Mont_0gap	ICS_0gap	Mont_15gap	ICS_15gap
<b>Drug/Exposure</b>				
<b>Index Exposure/Comparator</b>	Montelukast	ICS monotherapy	Montelukast	ICS monotherapy
<b>Cohort Definition</b>	First valid incident treatment episode during the query period		First valid incident treatment episode during the query period	
<b>Incidence Exposure washout period</b>	-183 days		-183 days	
<b>Incident w/ Respect to:</b>	Montelukast, ICS monotherapy, LABAs, ICS combination therapies, or other LTRAs	Montelukast, other LTRAs, ICS monotherapy, LABAs, ICS combination therapies	Montelukast, ICS monotherapy, LABAs, ICS combination therapies, or other LTRAs	Montelukast, other LTRAs, ICS monotherapy, LABAs, ICS combination therapies
<b>Exclude evidence of days supply if exposure washout include dispensings</b>	Washout lookback period should search for evidence of days supply		Washout lookback period should search for evidence of days supply	
<b>Stockpiling</b>	Generic Name		Generic Name	
<b>Point Exposure</b>	No		No	
<b>Treatment Episode Gap</b>	0 days Fixed		15 days Fixed	
<b>Exposure Episode Extension</b>	0 days		15 days	
<b>Incidence Criteria Care Setting/PDX</b>	Any		Any	
<b>Create Baseline Table?</b>	Yes		Yes	

**Appendix AH. Specifications Defining Parameters In this Request**

	Comparison 3		Comparison 4	
Logic	Composite Outcome		Composite Outcome	
Group	Mont_0gap	ICS_0gap	Mont_15gap	ICS_15gap
<b>Inclusion/Exclusion Criteria</b>				
<b>Criteria</b>	Asthma with or without allergic rhinitis		Asthma with or without allergic rhinitis	
<b>Type</b>	Inclusion		Inclusion	
<b>Evaluation Window</b>	-183, 0		-183, 0	
<b>Care Setting/PDX</b>	Any		Any	
<b>Number of instances the criteria should be found in the evaluation period</b>	1		1	
<b>Criteria</b>	COPD		COPD	
<b>Type</b>	Exclusion		Exclusion	
<b>Evaluation Window</b>	-183, 0		-183, 0	
<b>Care Setting/PDX</b>	Any		Any	
<b>Number of instances the criteria should be found in the evaluation period</b>	1		1	
<b>Criteria</b>	ICS Monotherapy	Montelukast	ICS Monotherapy	Montelukast
<b>Type</b>	Exclusion		Exclusion	
<b>Evaluation Window</b>	0,1		0,1	
<b>Care Setting/PDX</b>	Any		Any	
<b>Number of instances the criteria should be found in the evaluation period</b>	1		1	
<b>At Risk Time</b>				
<b>Minimum exposure episode duration</b>	----		----	
<b>Maximum exposure episode duration</b>	----		----	

**Appendix AH. Specifications Defining Parameters In this Request**

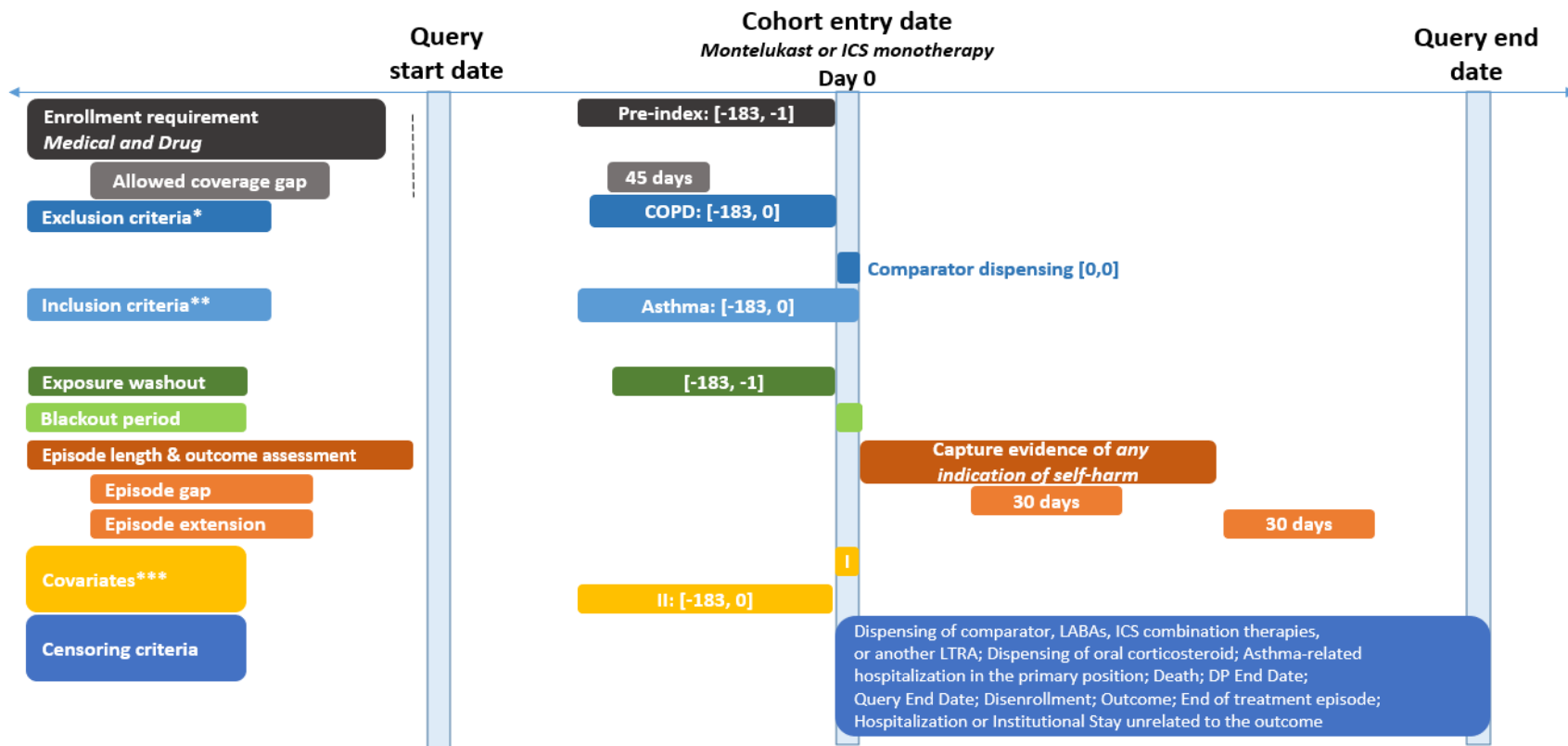
	Comparison 3		Comparison 4	
Logic	Composite Outcome		Composite Outcome	
Group	Mont_Ogap	ICS_Ogap	Mont_15gap	ICS_15gap
<b>Censoring Criteria</b>	(1) Dispensing of ICS monotherapy, LABAs, ICS combination therapies, or another LTRA (2) Dispensing of oral corticosteroid (3) Asthma-related hospitalization in the primary position (4) Death (5) DP End Date (6) Query End Date (7) Disenrollment (8) Outcome (9) End of treatment episode (10) Hospitalization or Institutional Stay unrelated to the outcome	(1) Dispensing of montelukast, LABAs, ICS combination therapies, or LTRAs (2) Dispensing of oral corticosteroid (3) Asthma-related hospitalization in the primary position (4) Death (5) DP End Date (6) Query End Date (7) Disenrollment (8) Outcome (9) End of treatment episode (10) Hospitalization or Institutional Stay unrelated to the outcome	(1) Dispensing of ICS monotherapy, LABAs, ICS combination therapies, or another LTRA (2) Dispensing of oral corticosteroid (3) Asthma-related hospitalization in the primary position (4) Death (5) DP End Date (6) Query End Date (7) Disenrollment (8) Outcome (9) End of treatment episode (10) Hospitalization or Institutional Stay unrelated to the outcome	(1) Dispensing of montelukast, LABAs, ICS combination therapies, or LTRAs (2) Dispensing of oral corticosteroid (3) Asthma-related hospitalization in the primary position (4) Death (5) DP End Date (6) Query End Date (7) Disenrollment (8) Outcome (9) End of treatment episode (10) Hospitalization or Institutional Stay unrelated to the outcome
<b>Blackout Period</b>	1 (no same day exposure outcome)		1 (no same day exposure outcome)	
<b>Event/Outcome</b>	Any Intentional Self-Harm Outcome (ICD-10)		Any Intentional Self-Harm Outcome (ICD-10)	
<b>Incident event washout period</b>	0		0	
<b>Care Setting</b>	Any		Any	
<b>Event de-duplication</b>	De-duplicates occurrences of the same event group on the same day		De-duplicates occurrences of the same event group on the same day	
<b>Propensity Score Matching</b>				
<b>Covariates</b>	See covariates tab		See covariates tab	
<b>IP Weight</b>	ATT		ATT	
<b>Truncate</b>	0, 2.5, 5.0		0, 2.5, 5.0	
<b>Apply Firth Correction</b>	No		No	
<b>Additional Covariates to Adjust for in Cox Model</b>	----		----	

**Appendix AH. Specifications Defining Parameters In this Request**

	Comparison 3		Comparison 4	
Logic	Composite Outcome		Composite Outcome	
Group	Mont_0gap	ICS_0gap	Mont_15gap	ICS_15gap
<b>Subgroup Analysis</b>	(1) Label change via dichotomous periods (2015-2020, 2021-forward) (2) Sex (Male and Female) (3) Age (12-24, 25-54, 55+) (4) History of psych disorder (y/n)		(1) Label change via dichotomous periods (2015-2020, 2021-forward) (2) Sex (Male and Female) (3) Age (12-24, 25-54, 55+) (4) History of psych disorder (y/n)	
<b>Re-estimate PS within subgroups</b>	Yes		Yes	
<b>Effect Estimation</b>	Risk set level		Risk set level	
<b>Kaplan Meier Plot</b>	No		No	
<i>ICD-9-CM, HCPCS, and CPT codes are provided by Optum360. NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."</i>				



Appendix AI. Diagram Detailing the Design of this Request



\*\*\*Covariates

Window I: Age, year, sex, pre- or post-March2020 (boxed warning), seasonality

Window II: Comorbidity score; psychiatric history; asthma severity; allergic rhinitis; Medical history: anxiety, depression, sleep disorder, substance abuse; health service utilization intensity; number of visits for respiratory disorders; Drug use: analgesic opiates, antipsychotics, anxiolytics/hypnotics, lithium, antidepressants