CENTER FOR HEALTH INFORMATION AND ANALYSIS

# Massachusetts Acute Care Hospital Outpatient Observation Data – Quarterly Update

October 2019 through June 2025 (Preliminary)

November 2025

Technical Appendix



## Massachusetts Acute Care Hospital Outpatient Observation Data (Quarterly Update):

### October 2019 through June 2025 (Preliminary)

#### **TECHNICAL APPENDIX**

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#### Introduction

This technical appendix provides details on the methodology used for the report *Massachusetts Acute Care Hospital Outpatient Observation Data (Quarterly Update): October 2019 through June 2025 (Preliminary)* released by the Massachusetts Center for Health Information and Analysis (CHIA) in November 2025. This appendix describes the main characteristics of Massachusetts acute care hospitals, as well as details on several of the calculated measures, data categorizations, and groupings used in the report.

#### **Data Source**

For this report, the Outpatient Observation Database (OOD) of CHIA's Acute Care Hospital Case Mix Databases (Case Mix) was used as the source data. The OOD is a visit-level file including patient socio-demographics, diagnostic information, treatment and service information, and hospital charges. For general information about CHIA's Case Mix Data, including the OOD and other Case Mix databases, please see the **Overview of the Massachusetts Acute Hospital Case Mix Databases** and additional information about the Case Mix data on **CHIA's website**.

Interim OOD data for Quarter 3 of Federal Fiscal Year (FFY) 2025 (April 2025 to June 2025) are used in this quarterly update, which means the processing, verification and cleaning that occurs at CHIA is not final; hence the data are considered preliminary. Future updates to the Case Mix Data may result in slightly different estimates than are presented here as more complete data are made available.

Due to quality concerns, data for a small number of acute care hospitals are not reported in this publication for select months and will be updated in following quarters. Hospitals that have no data reported for select months include:

Due to Temporary Closure:

- North Adams Regional Hospital (October 2019-March 2024)
- Signature Healthcare Brockton Hospital (March 2023-July 2024)

Data on Average Length of Stay Not Reported:

- MetroWest Medical Center (Tenet Healthcare) (July 2023-August 2025)
- Saint Vincent Hospital (Tenet Healthcare) (July 2023- August 2025)

#### **Hospital Characteristics**

#### **Acute Care Hospital**

Due to small numbers of visits for several months (<11 visits), four hospitals, Dana-Farber Cancer Institute, New England Baptist Hospital, and Shriners Hospital for Children – Boston and Springfield, were excluded from the acute care hospital section. Shriners Hospital for Children was additionally excluded from the statewide utilization by hospital system section. Visits from these hospitals were included in all other sections. Following closure in March 2014, North Adams Regional Hospital reopened as an acute care hospital in March 2024. Following temporary closure due to fire in February 2023, Signature Healthcare Brockton Hospital reopened in August 2024.

Several hospitals resubmitted Case Mix data from FFY 2023 through FFY 2024 Q2 to reclassify certain emergency department and outpatient observation visits. OOD data at these hospitals now includes visits that began in the

emergency department but ended in an outpatient observation stay. This resulted in fewer ED visits and more OOD visits reported compared to previous years but does not reflect a true increase in volume.

After filing for bankruptcy in May 2024, Steward Health Care sold and transferred control of five out of seven of its acute care hospitals in Massachusetts beginning FFY 2025 (October 2024). Two hospitals, Steward Carney Hospital and Nashoba Valley Medical Center, were not purchased and closed in August 2024. Norwood Hospital (formerly Steward Norwood Hospital) remains closed after a flood in 2020. From FFY 2025 Q1 onward, quarterly data for the former Steward hospitals will reflect their new ownership and name changes:

- Boston Medical Center Brighton (formerly St. Elizabeth's Medical Center)
- Boston Medical Center South (formerly Good Samaritan Medical Center)
- Morton Hospital (formerly Steward Morton Hospital)
- Saint Anne's Hospital (formerly Steward Saint Anne's Hospital)
- Holy Family Hospital (formerly Steward Holy Family Hospital)

#### **Hospital Cohort**

Hospitals are assigned to one of five mutually exclusive groups of similar hospitals: academic medical centers (AMCs), teaching hospitals, community-High Public Payer (HPP) hospitals, other community hospitals, and specialty hospitals.

- AMCs are characterized by extensive research and teaching programs, comprehensive resources for tertiary and quaternary care, being principal teaching hospitals for their respective medical schools, and being full-service hospitals with case mix intensity greater than 5% above the statewide average.
- Teaching hospitals are hospitals that report at least 25 full-time equivalent medical school residents per one hundred inpatient beds in accordance with the Medicare Payment Advisory Commission (MedPAC) and are not classified as AMCs.
- Community-High Public Payer (HPP) hospitals are hospitals that do not meet the MedPAC definition to be classified as teaching hospitals and have 63% or greater of Gross Patient Service Revenue (GPSR) attributable to Medicare, MassHealth, and other government payers, including the Health Safety Net.
- Community hospitals are hospitals that do not meet the MedPAC definition to be classified as teaching hospitals and have a public payer mix of less than 63%.
- Specialty hospitals are hospitals that serve unique patient populations or provide unique sets of services.

#### **Multi-Acute Hospital System Affiliation**

Some Massachusetts hospitals are affiliated with a larger health system. Health systems may include multiple hospitals and/or provider organizations while others may have only one hospital with associated providers or provider organizations. Multi-acute hospital system membership identifies those health systems with more than one acute hospital. This information was derived from Audited Financial Statements. Hospitals not affiliated with a larger health

system were categorized as an independent hospital; these hospitals were grouped together only for the purpose of reporting at the hospital system level.

Beginning FFY 2025 (October 2024), Steward Health Care is no longer active in Massachusetts. Following the sale of the former Steward hospitals to new operators, 3 new multi-hospital systems were established or gained presence in Massachusetts, including Boston Medical Center (BMC) Health System (after purchasing St. Elizabeth's Medical Center and Good Samaritan Medical, now called BMC – Brighton and BMC – South, respectively), Lawrence General Hospital and Affiliates (after purchasing Holy Family Hospital), and Brown University Health (an existing health system based out of Rhode Island, after purchasing St. Anne's Hospital and Morton Hospital).

Below is a list of Massachusetts multi-acute hospital systems and their acute hospital members as of the time of this publication:

Table 1. Acute Hospitals by Multi-Acute Hospital System Affiliation

| MULTI-ACUTE HOSPITAL SYSTEM              | ACUTE HOSPITAL MEMBER  |
|--|--|
| Baystate Health                          | Baystate Franklin Medical Center                                   |
|  | Baystate Medical Center  |
|  | Baystate Noble   |
|  | Baystate Wing Hospital   |
| Berkshire Health Systems                 | Berkshire Medical Center   |
|  | Fairview Hospital  |
| Beth Israel Lahey Health                 | Anna Jaques Hospital   |
| ·  | Beth Israel Deaconess Hospital – Milton                            |
|  | Beth Israel Deaconess Hospital – Needham                           |
|  | Beth Israel Deaconess Hospital – Plymouth                          |
|  | Beth Israel Deaconess Medical Center                               |
|  | Lahey Hospital & Medical Center                                    |
|  | Mount Auburn Hospital  |
|  | New England Baptist Hospital                                       |
|  | Northeast Hospital   |
|  | Winchester Hospital  |
| Boston Medical Center Health System      | Boston Medical Center  |
|  | Boston Medical Center – Brighton (formerly Steward St. Elizabeth's |
|  | Medical Center)  |
|  | Boston Medical Center – South (formerly Steward Good Samaritan     |
|  | Medical Center)  |
| Brown University Health*                 | Morton Hospital (formerly Steward Morton Hospital)                 |
|  | Saint Anne's Hospital (formerly Steward Saint Anne's Hospital)     |
| Cape Cod Healthcare                      | Cape Cod Hospital  |
|  | Falmouth Hospital  |
| Heywood Healthcare                       | Athol Hospital   |
|  | Heywood Hospital   |
| Lawrence General Hospital and Affiliates | Lawrence General Hospital  |
|  | Holy Family Hospital   |
| Mass General Brigham                     | Brigham and Women's Hospital                                       |
|  | Brigham and Women's Faulkner Hospital                              |
|  | Cooley Dickinson Hospital  |
|  | Martha's Vineyard Hospital   |
|  | Massachusetts Eye and Ear Infirmary                                |
|  | Massachusetts General Hospital                                     |

|                               | Mantualist Cattago Hagnital            |
|-------------------------------|--|
|                               | Nantucket Cottage Hospital             |
|                               | Newton-Wellesley Hospital              |
|                               | North Shore Medical Center             |
| UMass Memorial Health Care    | HealthAlliance-Clinton Hospital        |
|                               | Marlborough Hospital                   |
|                               | UMass Memorial Medical Center          |
|                               | Harrington Memorial Hospital           |
| Tufts Medicine                | Lowell General Hospital                |
|                               | MelroseWakefield Hospital              |
|                               | Tufts Medical Center                   |
| Tenet Healthcare <sup>^</sup> | MetroWest Medical Center               |
|                               | Saint Vincent Hospital                 |
| Independent Health System     | Boston Children's Hospital             |
| ·                             | Cambridge Health Alliance              |
|                               | Dana-Farber Cancer Institute           |
|                               | Emerson Hospital                       |
|                               | Harrington Memorial Hospital           |
|                               | Holyoke Medical Center                 |
|                               | Mercy Medical Center                   |
|                               | Milford Regional Medical Center        |
|                               | Signature Healthcare Brockton Hospital |
|                               | South Shore Hospital                   |
|                               | Southcoast Hospitals Group             |
|                               | Sturdy Memorial Hospital               |
|                               | Caray momenta ricopital                |

<sup>\*</sup>Brown University Health is a not-for-profit health system based in Rhode Island.

#### **High Public Payer Status**

A hospital is classified as High Public Payer (HPP) if 63% or greater of its GPSR come from public or government payers such as Medicare, MassHealth, or other government payers, as determined by the Executive Office of Health and Human Services (EOHHS) based on the hospital's Massachusetts Hospital Cost Report which are updated annually. Not all hospitals defined as HPP are Community-HPP; some non-Community hospitals are classified as HPP, but this distinction is not made in the cohort classification.

#### **Calculated Measures**

#### Age

Patient age in years was calculated from the date of the observation visit and the patient's date of birth. Visits were suppressed from the report if the date of birth was missing or invalid, or if the calculated age exceeded 115 years. The number of visits missing age data was 12 in FFY 2020, 28 in FFY 2021, 49 in FFY 2022, 115 in FFY 2023, 125 in FFY 2024, 32 in Q1 of FFY 2025, 29 in Q2 of FFY 2025, and 37 in Q3 of FFY 2025.

#### **Length of Stay**

Length of stay (LOS) was calculated by subtracting the arrival date and time from the departure date and time and is reported in hours. Average length of stay (ALOS) is an aggregate measure of the mean LOS within a certain category or group. The number of visits with missing length of stay due to missing date and/or time of arrival or

<sup>^</sup>Tenet Healthcare Corporation is a multi-state health system with a large presence outside of Massachusetts. Tenet owns MetroWest Medical Center and Saint Vincent Hospital.

departure, or invalid data, was 218 in FFY 2020, 378 in FFY 2021, 305 in FFY 2022, 171 in FFY 2023, 803 in FFY 2024, 530 in Q1 of FFY 2025, 522 in Q2 of FFY 2025, and 579 in Q3 of FFY 2025.

#### **Data Categorizations and Groupings**

#### Sex

The number of visits with missing or unknown sex was 2 in FFY 2020, 11 in FFY 2021, 19 in FFY 2022, 48 in FFY 2023, 58 in FFY 2024, 1,267 in Q1 of FFY 2025, 1,138 in Q2 of FFY 2025, and 1,296 in Q3 of FFY 2025.

Due to changes in the Case Mix data submission guidelines for FFY 2025, there was a higher number of missing or unknown sex reported by several hospitals; however, this may change as data transitions from preliminary to final.

#### Race/Ethnicity

Patient race and ethnicity were classified using a hierarchal grouping based on information entered by the facility. First, any patients of Hispanic/Latino/Spanish culture or origin regardless of race were classified as Hispanic of Any Race. Next, patients with valid primary race variables, and were not multiple races, were classified as non-Hispanic White, non-Hispanic Black, non-Hispanic Asian, non-Hispanic American Indian/Alaska Native, or non-Hispanic Native Hawaiian/Other Pacific Islander. Patients classified as Other Race or who had more than one race indicated were classified as non-Hispanic Other or Multiple Races. Due to small population sizes, non-Hispanic American Indian/Alaska Native and non-Hispanic Native Hawaiian/Other Pacific Islander are reported together with Other and Multiple Races in the Tableau workbook and in the databook. Visits that could not be classified into any of the above groups due to missing or invalid race/ethnicity information were reported as Missing.

#### **Payer Type**

Case Mix payer type categories were assigned to one of the following:

- Medicare: Fee-for-service Medicare or managed care Medicare
- Medicaid: MassHealth, including Medicaid managed care, or Commonwealth Care
- Commercial: Blue Cross and Blue Shield Managed Care, Commercial Insurance and Commercial Managed Care, HMO, PPO/Other managed care plans not elsewhere classified, point-of-service plans, exclusive provider organizations, and other non-managed care plans
- Other: Worker's Compensation, Other Government Payment, Auto Insurance, and Dental Plans
- Self-Pay: Self-Pay, Free Care, and Health Safety Net

For preliminary data (FFY 2025) only, payer type is the expected primary payer on the discharge as reported by the hospital. For final data through FFY 2024, payer type data provided by the hospital was enhanced through linkage to enrollment data in the Massachusetts All-Payer Claims Database and the Research Data Assistance Center's (ResDAC) Medicare fee-for-service beneficiary data. Payer type is considered enhanced in cases where patient information from the visit provided by the hospital was linked to enrollment data available from other sources. If no linkage could be made, then payer information associated with the visit provided in Case Mix was used to assign payer type.

The number of visits with missing enhanced payer type was 13 in FFY 2020, 8 in FFY 2021, 11 in FFY 2022, 12 in FFY 2023, and 4 in FFY 2024.

The number of visits with missing expected primary payer type was 7 in Q1 of FFY 2025, 3 in Q2 of FFY 2025, and 13 in Q3 of FFY 2025.

#### Clinical Classifications Software Refined (CCSR) for ICD-10-CM Diagnoses [1]

The CCSR for ICD-10-CM diagnoses was developed by the Agency for Healthcare Research and Quality (AHRQ) and aggregates over 70,000 ICD-10-CM diagnosis codes into more than 530 clinically meaningful categories, organized across 21 body systems. For this analysis, visits were classified into mutually exclusive categories based on the default outpatient CCSR category for the listed principal ICD-10-CM diagnosis code. This update used CCSR v. 2024.1. In the section Diagnoses, estimates among the top 10 most common CCSR categories are presented by age group.

#### **Behavioral Health**

For this analysis, visits were categorized into clinical meaningful independent behavioral health categories based on the listed principal diagnosis code using the CCSR categories for ICD-10-CM diagnoses defined by AHRQ as related to mental and behavioral disorders [1]. A visit may be associated with more than one behavioral health category because ICD-10-CM diagnoses may be associated with more than one CCSR category. Behavioral health conditions are classified as mental health or substance use based on the conditions and CCSR categories below:

Table 2. CCSR Categories Associated with Behavioral Health

| OVERALL CATEGORY | DIAGNOSIS CATEGORY   | CCSR CATEGORIES | CCSR DESCRIPTION   |
|------------------|--|-----------------|--|
| Mental Health    |  | MBD002          | Depressive disorders   |
|                  |  | MBD003          | Bipolar and related disorders                                  |
|                  | Mood disorders   | MBD004          | Other specified and unspecified mood disorders                 |
|                  |  | MBD005          | Anxiety and fear-related disorders                             |
|                  | Anxiety disorders  | MBD006          | Obsessive-compulsive and related disorders                     |
|                  | Trauma disorders   | MBD007          | Trauma and stressor-related disorders                          |
|                  |  | MBD012          | Suicidal ideation, attempt, and intentional self-harm          |
|                  | Intentional self-harm, suicidal ideation, and suicide attempts | MBD027          | Suicide attempt or intentional self-harm, subsequent encounter |
|                  | Schizophrenia and other psychotic disorders                    | MBD001          | Schizophrenia and other psychotic disorders                    |
|                  | Personality disorders  | MBD009          | Personality disorders  |

|               | Impulse control disorders not elsewhere classified | MBD008                                   | Disruptive, impulse-control and conduct disorders            |
|---------------|--|--|--|
|               |  | MBD010                                   | Feeding and eating disorders                                 |
|               |  | MBD011                                   | Somatic disorders  |
|               | Miscellaneous mental health conditions             | MBD013                                   | Miscellaneous mental and behavioral disorders and conditions |
| Substance Use | Alcohol-related disorders                          | MBD017                                   | Alcohol-related disorders                                    |
|               |  | MBD019                                   | Cannabis-related disorders                                   |
|               | Cannabis-related disorders                         | MBD030                                   | Cannabis-related disorders, subsequent encounter             |
|               |  | MBD018                                   | Opioid-related disorders                                     |
|               | Opioids-related disorders                          | MBD028                                   | Opioid-related disorders, subsequent encounter               |
|               |  | MBD021*                                  | Stimulant-related disorders                                  |
|               |  | MBD029*                                  | Stimulant-related disorders, subsequent encounter            |
|               | Cocaine-related disorders                          | *Only including those related to cocaine |  |
|               |  | MDB020                                   | Sedative-related disorders                                   |
|               | Sedatives-related disorders                        | MBD032                                   | Sedative-related disorders, subsequent encounter             |
|               |  | MBD021*                                  | Stimulant-related disorders                                  |
|               | Other Climulant related                            | MBD029*                                  | Stimulant-related disorders, subsequent encounter            |
|               | Other Stimulant-related disorders                  | *Except those related                    | to cocaine   |
|               |  | MBD022                                   | Hallucinogen-related disorders                               |
|               | Hallucinogens-related disorders                    | MBD031                                   | Hallucinogen-related disorders; subsequent encounter         |
|               |  | MBD023                                   | Inhalant-related disorders                                   |
|               |  | MBD025                                   | Other specified substance-<br>related disorders              |
|               | Miscellaneous substance-<br>related disorders      | MBD033                                   | Inhalant-related disorders, subsequent encounter             |

Additionally, ICD-10-CM diagnoses in CCSR categories MBD026 (Mental and substance use disorders in remission) and MBD034 (mental and substance use disorders; sequela) were manually associated with the diagnosis categories listed above. See Appendix A for a complete list of behavioral health ICD-10-CM codes and their classifications. Based on the behavioral health diagnosis categories, visits were aggregated into larger categories representing whether the principal diagnosis was associated with any behavioral health condition (that is, either a mental health condition or substance use disorder), and for behavioral health diagnoses, whether the visit was associated with a mental health condition, or a substance use disorder. Principal diagnoses were classified as either mental health or

substance use disorders; as such, the categories for Any Mental Health Condition and Any Substance Use Disorder are mutually exclusive.

For this analysis, behavioral health categories were also analyzed by age group, and only visits among patients aged 2 years and older were included. Some mental health and substance use categories had fewer than 11 visits for some quarters. These were suppressed for privacy reasons. They include:

- Pediatric (Age 2-17)
  - Mental health conditions Personality disorders (all quarters)
  - Substance Use Disorders Opioids, Cocaine, Sedatives, and Stimulants (all quarters)

#### **Notes**

[1] Clinical Classifications Software Refined (CCSR) for ICD-10-CM. October 2022. Healthcare Cost and Utilization Project (HCUP). Agency for Healthcare Research and Quality, Rockville, MD. Available from <a href="https://www.hcup-us.ahrq.gov/toolssoftware/ccsr/dxccsr.jsp">https://www.hcup-us.ahrq.gov/toolssoftware/ccsr/dxccsr.jsp</a>

#### Appendix A. CCSR Category MBD026 and MBD034 Behavioral Health Classification

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION                                   | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|---|------------------------|--------------------------|
| MBD026           | F1011       | Alcohol abuse, in remission                               | Substance Use          | Alcohol                  |
| MBD026           | F1021       | Alcohol dependence, in remission                          | Substance Use          | Alcohol                  |
| MBD026           | F1111       | Opioid abuse, in remission                                | Substance Use          | Opioids                  |
| MBD026           | F1121       | Opioid dependence, in remission                           | Substance Use          | Opioids                  |
| MBD026           | F1211       | Cannabis abuse, in remission                              | Substance Use          | Cannabis                 |
| MBD026           | F1221       | Cannabis dependence, in remission                         | Substance Use          | Cannabis                 |
| MBD026           | F1311       | Sedative, hypnotic or anxiolytic abuse, in remission      | Substance Use          | Sedatives                |
| MBD026           | F1321       | Sedative, hypnotic or anxiolytic dependence, in remission | Substance Use          | Sedatives                |
| MBD026           | F1411       | Cocaine abuse, in remission                               | Substance Use          | Cocaine                  |
| MBD026           | F1421       | Cocaine dependence, in remission                          | Substance Use          | Cocaine                  |
| MBD026           | F1511       | Other stimulant abuse, in remission                       | Substance Use          | Stimulants               |
| MBD026           | F1521       | Other stimulant dependence, in remission                  | Substance Use          | Stimulants               |
| MBD026           | F1611       | Hallucinogen abuse, in remission                          | Substance Use          | Hallucinogens            |
| MBD026           | F1621       | Hallucinogen dependence, in remission                     | Substance Use          | Hallucinogens            |
| MBD026           | F1811       | Inhalant abuse, in remission                              | Substance Use          | Other Substance Use      |
| MBD026           | F1821       | Inhalant dependence, in remission                         | Substance Use          | Other Substance Use      |
| MBD026           | F1911       | Other psychoactive substance abuse, in remission          | Substance Use          | Other Substance Use      |
| MBD026           | F1921       | Other psychoactive substance dependence, in remission     | Substance Use          | Other Substance Use      |
| MBD026           | F304        | Manic episode in full remission                           | Mental Health          | Mood                     |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION   | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|---|------------------------|--------------------------|
| MBD026           | F3170       | Bipolar disorder, currently in remission, most recent episode unspecified                           | Mental Health          | Mood                     |
| MBD026           | F3172       | Bipolar disorder, in full remission, most recent episode hypomanic                                  | Mental Health          | Mood                     |
| MBD026           | F3174       | Bipolar disorder, in full remission, most recent episode manic                                      | Mental Health          | Mood                     |
| MBD026           | F3176       | Bipolar disorder, in full remission, most recent episode depressed                                  | Mental Health          | Mood                     |
| MBD026           | F3178       | Bipolar disorder, in full remission, most recent episode mixed                                      | Mental Health          | Mood                     |
| MBD026           | F325        | Major depressive disorder, single episode, in full remission  | Mental Health          | Mood                     |
| MBD026           | F3340       | Major depressive disorder, recurrent, in remission, unspecified                                     | Mental Health          | Mood                     |
| MBD026           | F3342       | Major depressive disorder, recurrent, in full remission   | Mental Health          | Mood                     |
| MBD034           | T1491XS     | Suicide attempt, sequela  | Mental Health          | Suicide                  |
| MBD034           | T360X2S     | Poisoning by penicillins, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T361X2S     | Poisoning by cephalosporins and other beta-<br>lactam antibiotics, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T362X2S     | Poisoning by chloramphenicol group, intentional self-harm, sequela                                  | Mental Health          | Suicide                  |
| MBD034           | T363X2S     | Poisoning by macrolides, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T364X2S     | Poisoning by tetracyclines, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T365X2S     | Poisoning by aminoglycosides, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T366X2S     | Poisoning by rifampicins, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T367X2S     | Poisoning by antifungal antibiotics, systemically used, intentional self-harm, sequela              | Mental Health          | Suicide                  |
| MBD034           | T368X2S     | Poisoning by other systemic antibiotics, intentional self-harm, sequela                             | Mental Health          | Suicide                  |
| MBD034           | T3692XS     | Poisoning by unspecified systemic antibiotic, intentional self-harm, sequela                        | Mental Health          | Suicide                  |
| MBD034           | T370X2S     | Poisoning by sulfonamides, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T371X2S     | Poisoning by antimycobacterial drugs, intentional self-harm, sequela                                | Mental Health          | Suicide                  |
| MBD034           | T372X2S     | Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T373X2S     | Poisoning by other antiprotozoal drugs, intentional self-harm, sequela                              | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION   | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|---|------------------------|--------------------------|
| MBD034           | T374X2S     | Poisoning by anthelminthics, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T375X2S     | Poisoning by antiviral drugs, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T378X2S     | Poisoning by other specified systemic anti-<br>infectives and antiparasitics, intentional self-harm,<br>sequela         | Mental Health          | Suicide                  |
| MBD034           | T3792XS     | Poisoning by unspecified systemic anti-infective and antiparasitics, intentional self-harm, sequela                     | Mental Health          | Suicide                  |
| MBD034           | T380X2S     | Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, sequela                                    | Mental Health          | Suicide                  |
| MBD034           | T381X2S     | Poisoning by thyroid hormones and substitutes, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T382X2S     | Poisoning by antithyroid drugs, intentional self-<br>harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T383X2S     | Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, sequela                         | Mental Health          | Suicide                  |
| MBD034           | T384X2S     | Poisoning by oral contraceptives, intentional self-<br>harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T385X2S     | Poisoning by other estrogens and progestogens, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T386X2S     | Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T387X2S     | Poisoning by androgens and anabolic congeners, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T38802S     | Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, sequela                             | Mental Health          | Suicide                  |
| MBD034           | T38812S     | Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, sequela                             | Mental Health          | Suicide                  |
| MBD034           | T38892S     | Poisoning by other hormones and synthetic substitutes, intentional self-harm, sequela                                   | Mental Health          | Suicide                  |
| MBD034           | T38902S     | Poisoning by unspecified hormone antagonists, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T38992S     | Poisoning by other hormone antagonists, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T39012S     | Poisoning by aspirin, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T39092S     | Poisoning by salicylates, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T391X2S     | Poisoning by 4-Aminophenol derivatives, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T392X2S     | Poisoning by pyrazolone derivatives, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T39312S     | Poisoning by propionic acid derivatives, intentional self-harm, sequela   | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|--|------------------------|--------------------------|
| MBD034           | T39392S     | Poisoning by other nonsteroidal anti-inflammatory drugs [NSAID], intentional self-harm, sequela                    | Mental Health          | Suicide                  |
| MBD034           | T394X2S     | Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, sequela                              | Mental Health          | Suicide                  |
| MBD034           | T398X2S     | Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T3992XS     | Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, sequela        | Mental Health          | Suicide                  |
| MBD034           | T400X1S     | Poisoning by opium, accidental (unintentional), sequela  | Substance Use          | Opioids                  |
| MBD034           | T400X2S     | Poisoning by opium, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T400X3S     | Poisoning by opium, assault, sequela   | Substance Use          | Opioids                  |
| MBD034           | T400X4S     | Poisoning by opium, undetermined, sequela  | Substance Use          | Opioids                  |
| MBD034           | T400X5S     | Adverse effect of opium, sequela   | Substance Use          | Opioids                  |
| MBD034           | T401X1S     | Poisoning by heroin, accidental (unintentional), sequela   | Substance Use          | Opioids                  |
| MBD034           | T401X2S     | Poisoning by heroin, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T401X3S     | Poisoning by heroin, assault, sequela  | Substance Use          | Opioids                  |
| MBD034           | T401X4S     | Poisoning by heroin, undetermined, sequela   | Substance Use          | Opioids                  |
| MBD034           | T402X1S     | Poisoning by other opioids, accidental (unintentional), sequela  | Substance Use          | Opioids                  |
| MBD034           | T402X2S     | Poisoning by other opioids, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T402X3S     | Poisoning by other opioids, assault, sequela   | Substance Use          | Opioids                  |
| MBD034           | T402X4S     | Poisoning by other opioids, undetermined, sequela  | Substance Use          | Opioids                  |
| MBD034           | T402X5S     | Adverse effect of other opioids, sequela   | Substance Use          | Opioids                  |
| MBD034           | T403X1S     | Poisoning by methadone, accidental (unintentional), sequela  | Substance Use          | Opioids                  |
| MBD034           | T403X2S     | Poisoning by methadone, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T403X3S     | Poisoning by methadone, assault, sequela   | Substance Use          | Opioids                  |
| MBD034           | T403X4S     | Poisoning by methadone, undetermined, sequela  | Substance Use          | Opioids                  |
| MBD034           | T403X5S     | Adverse effect of methadone, sequela   | Substance Use          | Opioids                  |
| MBD034           | T40411S     | Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), sequela                                     | Substance Use          | Opioids                  |
| MBD034           | T40412S     | Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T40413S     | Poisoning by fentanyl or fentanyl analogs, assault, sequela  | Substance Use          | Opioids                  |
| MBD034           | T40414S     | Poisoning by fentanyl or fentanyl analogs, undetermined, sequela   | Substance Use          | Opioids                  |

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|------------------|-------------|---|------------------------|--------------------------|
| MBD034           | T40415S     | Adverse effect of fentanyl or fentanyl analogs, sequela                     | Substance Use          | Opioids                  |
| MBD034           | T40421S     | Poisoning by tramadol, accidental (unintentional), sequela                  | Substance Use          | Opioids                  |
| MBD034           | T40422S     | Poisoning by tramadol, intentional self-harm, sequela                       | Mental Health          | Suicide                  |
| MBD034           | T40423S     | Poisoning by tramadol, assault, sequela                                     | Substance Use          | Opioids                  |
| MBD034           | T40424S     | Poisoning by tramadol, undetermined, sequela                                | Substance Use          | Opioids                  |
| MBD034           | T40425S     | Adverse effect of tramadol, sequela   | Substance Use          | Opioids                  |
| MBD034           | T40491S     | Poisoning by other synthetic narcotics, accidental (unintentional), sequela | Substance Use          | Opioids                  |
| MBD034           | T40492S     | Poisoning by other synthetic narcotics, intentional self-harm, sequela      | Mental Health          | Suicide                  |
| MBD034           | T40493S     | Poisoning by other synthetic narcotics, assault, sequela                    | Substance Use          | Opioids                  |
| MBD034           | T40494S     | Poisoning by other synthetic narcotics, undetermined, sequela               | Substance Use          | Opioids                  |
| MBD034           | T40495S     | Adverse effect of other synthetic narcotics, sequela                        | Substance Use          | Opioids                  |
| MBD034           | T404X1S     | Poisoning by other synthetic narcotics, accidental (unintentional), sequela | Substance Use          | Opioids                  |
| MBD034           | T404X2S     | Poisoning by other synthetic narcotics, intentional self-harm, sequela      | Mental Health          | Suicide                  |
| MBD034           | T404X3S     | Poisoning by other synthetic narcotics, assault, sequela                    | Substance Use          | Opioids                  |
| MBD034           | T404X4S     | Poisoning by other synthetic narcotics, undetermined, sequela               | Substance Use          | Opioids                  |
| MBD034           | T404X5S     | Adverse effect of other synthetic narcotics, sequela                        | Substance Use          | Opioids                  |
| MBD034           | T405X1S     | Poisoning by cocaine, accidental (unintentional), sequela                   | Substance Use          | Cocaine                  |
| MBD034           | T405X2S     | Poisoning by cocaine, intentional self-harm, sequela                        | Mental Health          | Suicide                  |
| MBD034           | T405X3S     | Poisoning by cocaine, assault, sequela                                      | Substance Use          | Cocaine                  |
| MBD034           | T405X4S     | Poisoning by cocaine, undetermined, sequela                                 | Substance Use          | Cocaine                  |
| MBD034           | T405X5S     | Adverse effect of cocaine, sequela  | Substance Use          | Cocaine                  |
| MBD034           | T40601S     | Poisoning by unspecified narcotics, accidental (unintentional), sequela     | Substance Use          | Opioids                  |
| MBD034           | T40602S     | Poisoning by unspecified narcotics, intentional self-harm, sequela          | Mental Health          | Suicide                  |
| MBD034           | T40603S     | Poisoning by unspecified narcotics, assault, sequela                        | Substance Use          | Opioids                  |
| MBD034           | T40604S     | Poisoning by unspecified narcotics, undetermined, sequela                   | Substance Use          | Opioids                  |
| MBD034           | T40605S     | Adverse effect of unspecified narcotics, sequela                            | Substance Use          | Opioids                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
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| MBD034           | T40691S     | Poisoning by other narcotics, accidental (unintentional), sequela        | Substance Use          | Opioids                  |
| MBD034           | T40692S     | Poisoning by other narcotics, intentional self-harm, sequela             | Mental Health          | Suicide                  |
| MBD034           | T40693S     | Poisoning by other narcotics, assault, sequela                           | Substance Use          | Opioids                  |
| MBD034           | T40694S     | Poisoning by other narcotics, undetermined, sequela                      | Substance Use          | Opioids                  |
| MBD034           | T40695S     | Adverse effect of other narcotics, sequela                               | Substance Use          | Opioids                  |
| MBD034           | T407X1S     | Poisoning by cannabis (derivatives), accidental (unintentional), sequela | Substance Use          | Cannabis                 |
| MBD034           | T407X2S     | Poisoning by cannabis (derivatives), intentional self-harm, sequela      | Mental Health          | Suicide                  |
| MBD034           | T407X3S     | Poisoning by cannabis (derivatives), assault, sequela                    | Substance Use          | Cannabis                 |
| MBD034           | T407X4S     | Poisoning by cannabis (derivatives), undetermined, sequela               | Substance Use          | Cannabis                 |
| MBD034           | T407X5S     | Adverse effect of cannabis (derivatives), sequela                        | Substance Use          | Cannabis                 |
| MBD034           | T40711S     | Poisoning by cannabis, accidental (unintentional), sequela               | Substance Use          | Cannabis                 |
| MBD034           | T40712S     | Poisoning by cannabis, intentional self-harm, sequela                    | Substance Use          | Cannabis                 |
| MBD034           | T40712S     | Poisoning by cannabis, intentional self-harm, sequela                    | Mental Health          | Suicide                  |
| MBD034           | T40713S     | Poisoning by cannabis, assault, sequela                                  | Substance Use          | Cannabis                 |
| MBD034           | T40714S     | Poisoning by cannabis, undetermined, sequela                             | Substance Use          | Cannabis                 |
| MBD034           | T40721S     | Poisoning by synthetic cannabinoids, accidental (unintentional), sequela | Substance Use          | Cannabis                 |
| MBD034           | T40722S     | Poisoning by synthetic cannabinoids, intentional self-harm, seguela      | Mental Health          | Suicide                  |
| MBD034           | T40722S     | Poisoning by synthetic cannabinoids, intentional self-harm, sequela      | Substance Use          | Cannabis                 |
| MBD034           | T40723S     | Poisoning by synthetic cannabinoids, assault, sequela                    | Substance Use          | Cannabis                 |
| MBD034           | T40724S     | Poisoning by synthetic cannabinoids, undetermined, sequela               | Substance Use          | Cannabis                 |
| MBD034           | T408X1S     | Poisoning by lysergide [LSD], accidental (unintentional), sequela        | Substance Use          | Hallucinogens            |
| MBD034           | T408X2S     | Poisoning by lysergide [LSD], intentional self-harm, sequela             | Mental Health          | Suicide                  |
| MBD034           | T408X3S     | Poisoning by lysergide [LSD], assault, sequela                           | Substance Use          | Hallucinogens            |
| MBD034           | T408X4S     | Poisoning by lysergide [LSD], undetermined, sequela                      | Substance Use          | Hallucinogens            |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|--|------------------------|--------------------------|
| MBD034           | T40901S     | Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), sequela | Substance Use          | Hallucinogens            |
| MBD034           | T40902S     | Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, sequela      | Mental Health          | Suicide                  |
| MBD034           | T40903S     | Poisoning by unspecified psychodysleptics [hallucinogens], assault, sequela                    | Substance Use          | Hallucinogens            |
| MBD034           | T40904S     | Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, sequela               | Substance Use          | Hallucinogens            |
| MBD034           | T40905S     | Adverse effect of unspecified psychodysleptics [hallucinogens], sequela                        | Substance Use          | Hallucinogens            |
| MBD034           | T40991S     | Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), sequela       | Substance Use          | Hallucinogens            |
| MBD034           | T40992S     | Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, sequela            | Mental Health          | Suicide                  |
| MBD034           | T40993S     | Poisoning by other psychodysleptics [hallucinogens], assault, sequela                          | Substance Use          | Hallucinogens            |
| MBD034           | T40994S     | Poisoning by other psychodysleptics [hallucinogens], undetermined, sequela                     | Substance Use          | Hallucinogens            |
| MBD034           | T40995S     | Adverse effect of other psychodysleptics [hallucinogens], sequela                              | Substance Use          | Hallucinogens            |
| MBD034           | T410X1S     | Poisoning by inhaled anesthetics, accidental (unintentional), sequela                          | Substance Use          | Other Substance Use      |
| MBD034           | T410X2S     | Poisoning by inhaled anesthetics, intentional self-harm, sequela                               | Mental Health          | Suicide                  |
| MBD034           | T410X3S     | Poisoning by inhaled anesthetics, assault, sequela   | Substance Use          | Other Substance Use      |
| MBD034           | T410X4S     | Poisoning by inhaled anesthetics, undetermined, sequela  | Substance Use          | Other Substance Use      |
| MBD034           | T410X5S     | Adverse effect of inhaled anesthetics, sequela   | Substance Use          | Other Substance Use      |
| MBD034           | T411X2S     | Poisoning by intravenous anesthetics, intentional self-harm, sequela                           | Mental Health          | Suicide                  |
| MBD034           | T41202S     | Poisoning by unspecified general anesthetics, intentional self-harm, sequela                   | Mental Health          | Suicide                  |
| MBD034           | T41292S     | Poisoning by other general anesthetics, intentional self-harm, sequela                         | Mental Health          | Suicide                  |
| MBD034           | T413X2S     | Poisoning by local anesthetics, intentional self-<br>harm, sequela                             | Mental Health          | Suicide                  |
| MBD034           | T4142XS     | Poisoning by unspecified anesthetic, intentional self-harm, sequela                            | Mental Health          | Suicide                  |
| MBD034           | T415X2S     | Poisoning by therapeutic gases, intentional self-harm, sequela                                 | Mental Health          | Suicide                  |
| MBD034           | T420X2S     | Poisoning by hydantoin derivatives, intentional self-harm, sequela                             | Mental Health          | Suicide                  |
| MBD034           | T422X2S     | Poisoning by succinimides and oxazolidinediones, intentional self-harm, sequela                | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION   | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|---|------------------------|--------------------------|
| MBD034           | T423X2S     | Poisoning by barbiturates, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T424X2S     | Poisoning by benzodiazepines, intentional self-<br>harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T425X2S     | Poisoning by mixed antiepileptics, intentional self-<br>harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T426X1S     | Poisoning by other antiepileptic and sedative-<br>hypnotic drugs, accidental (unintentional), sequela         | Substance Use          | Sedatives                |
| MBD034           | T426X2S     | Poisoning by other antiepileptic and sedative-<br>hypnotic drugs, intentional self-harm, sequela              | Mental Health          | Suicide                  |
| MBD034           | T426X3S     | Poisoning by other antiepileptic and sedative-<br>hypnotic drugs, assault, sequela                            | Substance Use          | Sedatives                |
| MBD034           | T426X4S     | Poisoning by other antiepileptic and sedative-<br>hypnotic drugs, undetermined, sequela                       | Substance Use          | Sedatives                |
| MBD034           | T426X5S     | Adverse effect of other antiepileptic and sedative-<br>hypnotic drugs, sequela                                | Substance Use          | Sedatives                |
| MBD034           | T4271XS     | Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, accidental (unintentional), sequela       | Substance Use          | Sedatives                |
| MBD034           | T4272XS     | Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela            | Mental Health          | Suicide                  |
| MBD034           | T4273XS     | Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, assault, sequela                          | Substance Use          | Sedatives                |
| MBD034           | T4274XS     | Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, undetermined, sequela                     | Substance Use          | Sedatives                |
| MBD034           | T4275XS     | Adverse effect of unspecified antiepileptic and sedative-hypnotic drugs, sequela                              | Substance Use          | Sedatives                |
| MBD034           | T428X2S     | Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T43012S     | Poisoning by tricyclic antidepressants, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T43022S     | Poisoning by tetracyclic antidepressants, intentional self-harm, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | T431X2S     | Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, sequela                      | Mental Health          | Suicide                  |
| MBD034           | T43202S     | Poisoning by unspecified antidepressants, intentional self-harm, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | T43205S     | Adverse effect of unspecified antidepressants, sequela  | Substance Use          | Other Substance Use      |
| MBD034           | T43212S     | Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, sequela       | Mental Health          | Suicide                  |
| MBD034           | T43222S     | Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, sequela                          | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|--|------------------------|--------------------------|
| MBD034           | T43292S     | Poisoning by other antidepressants, intentional self-harm, sequela                         | Mental Health          | Suicide                  |
| MBD034           | T433X2S     | Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T434X2S     | Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, sequela    | Mental Health          | Suicide                  |
| MBD034           | T43502S     | Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T43592S     | Poisoning by other antipsychotics and neuroleptics, intentional self-harm, sequela         | Mental Health          | Suicide                  |
| MBD034           | T43601S     | Poisoning by unspecified psychostimulants, accidental (unintentional), sequela             | Substance Use          | Stimulants               |
| MBD034           | T43602S     | Poisoning by unspecified psychostimulants, intentional self-harm, sequela                  | Mental Health          | Suicide                  |
| MBD034           | T43603S     | Poisoning by unspecified psychostimulants, assault, sequela                                | Substance Use          | Stimulants               |
| MBD034           | T43604S     | Poisoning by unspecified psychostimulants, undetermined, sequela                           | Substance Use          | Stimulants               |
| MBD034           | T43605S     | Adverse effect of unspecified psychostimulants, sequela                                    | Substance Use          | Stimulants               |
| MBD034           | T43611S     | Poisoning by caffeine, accidental (unintentional), sequela                                 | Substance Use          | Stimulants               |
| MBD034           | T43612S     | Poisoning by caffeine, intentional self-harm, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | T43613S     | Poisoning by caffeine, assault, sequela  | Substance Use          | Stimulants               |
| MBD034           | T43614S     | Poisoning by caffeine, undetermined, sequela   | Substance Use          | Stimulants               |
| MBD034           | T43615S     | Adverse effect of caffeine, sequela  | Substance Use          | Stimulants               |
| MBD034           | T43621S     | Poisoning by amphetamines, accidental (unintentional), sequela                             | Substance Use          | Stimulants               |
| MBD034           | T43622S     | Poisoning by amphetamines, intentional self-harm, sequela                                  | Mental Health          | Suicide                  |
| MBD034           | T43623S     | Poisoning by amphetamines, assault, sequela  | Substance Use          | Stimulants               |
| MBD034           | T43624S     | Poisoning by amphetamines, undetermined, sequela   | Substance Use          | Stimulants               |
| MBD034           | T43625S     | Adverse effect of amphetamines, sequela  | Substance Use          | Stimulants               |
| MBD034           | T43631S     | Poisoning by methylphenidate, accidental (unintentional), sequela                          | Substance Use          | Stimulants               |
| MBD034           | T43632S     | Poisoning by methylphenidate, intentional self-<br>harm, sequela                           | Mental Health          | Suicide                  |
| MBD034           | T43633S     | Poisoning by methylphenidate, assault, sequela   | Substance Use          | Stimulants               |
| MBD034           | T43634S     | Poisoning by methylphenidate, undetermined, sequela  | Substance Use          | Stimulants               |
| MBD034           | T43635S     | Adverse effect of methylphenidate, sequela   | Substance Use          | Stimulants               |

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|------------------|-------------|---|------------------------|--------------------------|
| MBD034           | T43641S     | Poisoning by ecstasy, accidental (unintentional), sequela   | Substance Use          | Stimulants               |
| MBD034           | T43642S     | Poisoning by ecstasy, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T43643S     | Poisoning by ecstasy, assault, sequela  | Substance Use          | Stimulants               |
| MBD034           | T43644S     | Poisoning by ecstasy, undetermined, sequela   | Substance Use          | Stimulants               |
| MBD034           | T43691S     | Poisoning by other psychostimulants, accidental (unintentional), sequela  | Substance Use          | Stimulants               |
| MBD034           | T43692S     | Poisoning by other psychostimulants, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T43693S     | Poisoning by other psychostimulants, assault, sequela   | Substance Use          | Stimulants               |
| MBD034           | T43694S     | Poisoning by other psychostimulants, undetermined, sequela  | Substance Use          | Stimulants               |
| MBD034           | T43695S     | Adverse effect of other psychostimulants, sequela   | Substance Use          | Stimulants               |
| MBD034           | T438X2S     | Poisoning by other psychotropic drugs, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T4392XS     | Poisoning by unspecified psychotropic drug, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T440X2S     | Poisoning by anticholinesterase agents, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T441X2S     | Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T442X2S     | Poisoning by ganglionic blocking drugs, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T443X2S     | Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T444X2S     | Poisoning by predominantly alpha-adrenoreceptor agonists, intentional self-harm, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | T445X2S     | Poisoning by predominantly beta-adrenoreceptor agonists, intentional self-harm, sequela                                       | Mental Health          | Suicide                  |
| MBD034           | T446X2S     | Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T447X2S     | Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T448X2S     | Poisoning by centrally-acting and adrenergic-<br>neuron-blocking agents, intentional self-harm,<br>sequela                    | Mental Health          | Suicide                  |
| MBD034           | T44902S     | Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, sequela               | Mental Health          | Suicide                  |
| MBD034           | T44992S     | Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, sequela                      | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|--|------------------------|--------------------------|
| MBD034           | T450X2S     | Poisoning by antiallergic and antiemetic drugs, intentional self-harm, sequela                         | Mental Health          | Suicide                  |
| MBD034           | T451X2S     | Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, sequela                | Mental Health          | Suicide                  |
| MBD034           | T452X2S     | Poisoning by vitamins, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T453X2S     | Poisoning by enzymes, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T454X2S     | Poisoning by iron and its compounds, intentional self-harm, sequela                                    | Mental Health          | Suicide                  |
| MBD034           | T45512S     | Poisoning by anticoagulants, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T45522S     | Poisoning by antithrombotic drugs, intentional self-harm, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | T45602S     | Poisoning by unspecified fibrinolysis-affecting drugs, intentional self-harm, sequela                  | Mental Health          | Suicide                  |
| MBD034           | T45612S     | Poisoning by thrombolytic drug, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T45622S     | Poisoning by hemostatic drug, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T45692S     | Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, sequela                        | Mental Health          | Suicide                  |
| MBD034           | T457X2S     | Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T458X2S     | Poisoning by other primarily systemic and hematological agents, intentional self-harm, sequela         | Mental Health          | Suicide                  |
| MBD034           | T4592XS     | Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, sequela    | Mental Health          | Suicide                  |
| MBD034           | T460X2S     | Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T461X2S     | Poisoning by calcium-channel blockers, intentional self-harm, sequela                                  | Mental Health          | Suicide                  |
| MBD034           | T462X2S     | Poisoning by other antidysrhythmic drugs, intentional self-harm, sequela                               | Mental Health          | Suicide                  |
| MBD034           | T463X2S     | Poisoning by coronary vasodilators, intentional self-harm, sequela                                     | Mental Health          | Suicide                  |
| MBD034           | T464X2S     | Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, sequela                  | Mental Health          | Suicide                  |
| MBD034           | T465X2S     | Poisoning by other antihypertensive drugs, intentional self-harm, sequela                              | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION   | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|---|------------------------|--------------------------|
| MBD034           | T466X2S     | Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, sequela                  | Mental Health          | Suicide                  |
| MBD034           | T467X2S     | Poisoning by peripheral vasodilators, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T468X2S     | Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, sequela                    | Mental Health          | Suicide                  |
| MBD034           | T46902S     | Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T46992S     | Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, sequela         | Mental Health          | Suicide                  |
| MBD034           | T470X2S     | Poisoning by histamine H2-receptor blockers, intentional self-harm, sequela                                     | Mental Health          | Suicide                  |
| MBD034           | T471X2S     | Poisoning by other antacids and anti-gastric-<br>secretion drugs, intentional self-harm, sequela                | Mental Health          | Suicide                  |
| MBD034           | T472X2S     | Poisoning by stimulant laxatives, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T473X2S     | Poisoning by saline and osmotic laxatives, intentional self-harm, sequela                                       | Mental Health          | Suicide                  |
| MBD034           | T474X2S     | Poisoning by other laxatives, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T475X2S     | Poisoning by digestants, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T476X2S     | Poisoning by antidiarrheal drugs, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T477X2S     | Poisoning by emetics, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T478X2S     | Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, sequela           | Mental Health          | Suicide                  |
| MBD034           | T4792XS     | Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T480X2S     | Poisoning by oxytocic drugs, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T481X2S     | Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, sequela          | Mental Health          | Suicide                  |
| MBD034           | T48202S     | Poisoning by unspecified drugs acting on muscles, intentional self-harm, sequela                                | Mental Health          | Suicide                  |
| MBD034           | T48292S     | Poisoning by other drugs acting on muscles, intentional self-harm, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | T483X2S     | Poisoning by antitussives, intentional self-harm, sequela   | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|--|------------------------|--------------------------|
| MBD034           | T484X2S     | Poisoning by expectorants, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T485X2S     | Poisoning by other anti-common-cold drugs, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T486X2S     | Poisoning by antiasthmatics, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T48902S     | Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, sequela                 | Mental Health          | Suicide                  |
| MBD034           | T48992S     | Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, sequela                       | Mental Health          | Suicide                  |
| MBD034           | T490X2S     | Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, sequela                  | Mental Health          | Suicide                  |
| MBD034           | T491X2S     | Poisoning by antipruritics, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T492X2S     | Poisoning by local astringents and local detergents, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T493X2S     | Poisoning by emollients, demulcents and protectants, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T494X2S     | Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T495X2S     | Poisoning by ophthalmological drugs and preparations, intentional self-harm, sequela                                       | Mental Health          | Suicide                  |
| MBD034           | T496X2S     | Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, sequela                                 | Mental Health          | Suicide                  |
| MBD034           | T497X2S     | Poisoning by dental drugs, topically applied, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T498X2S     | Poisoning by other topical agents, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T4992XS     | Poisoning by unspecified topical agent, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T500X2S     | Poisoning by mineralocorticoids and their antagonists, intentional self-harm, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | T501X2S     | Poisoning by loop [high-ceiling] diuretics, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T502X2S     | Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, sequela          | Mental Health          | Suicide                  |
| MBD034           | T503X2S     | Poisoning by electrolytic, caloric and water-<br>balance agents, intentional self-harm, sequela                            | Mental Health          | Suicide                  |
| MBD034           | T504X2S     | Poisoning by drugs affecting uric acid metabolism, intentional self-harm, sequela  | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION   | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|---|------------------------|--------------------------|
| MBD034           | T505X2S     | Poisoning by appetite depressants, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T506X2S     | Poisoning by antidotes and chelating agents, intentional self-harm, sequela                                       | Mental Health          | Suicide                  |
| MBD034           | T507X2S     | Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, sequela                           | Mental Health          | Suicide                  |
| MBD034           | T508X2S     | Poisoning by diagnostic agents, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T50902S     | Poisoning by unspecified drugs, medicaments and biological substances, intentional self-harm, sequela             | Mental Health          | Suicide                  |
| MBD034           | T50912S     | Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, sequela    | Mental Health          | Suicide                  |
| MBD034           | T50992S     | Poisoning by other drugs, medicaments and biological substances, intentional self-harm, sequela                   | Mental Health          | Suicide                  |
| MBD034           | T50A12S     | Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T50A22S     | Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, sequela               | Mental Health          | Suicide                  |
| MBD034           | T50A92S     | Poisoning by other bacterial vaccines, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T50B12S     | Poisoning by smallpox vaccines, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T50B92S     | Poisoning by other viral vaccines, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T50Z12S     | Poisoning by immunoglobulin, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T50Z92S     | Poisoning by other vaccines and biological substances, intentional self-harm, sequela                             | Mental Health          | Suicide                  |
| MBD034           | T510X2S     | Toxic effect of ethanol, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T511X2S     | Toxic effect of methanol, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T512X2S     | Toxic effect of 2-Propanol, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T513X2S     | Toxic effect of fusel oil, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T518X2S     | Toxic effect of other alcohols, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T5192XS     | Toxic effect of unspecified alcohol, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T520X2S     | Toxic effect of petroleum products, intentional self-<br>harm, sequela  | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|--|------------------------|--------------------------|
| MBD034           | T521X2S     | Toxic effect of benzene, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T522X2S     | Toxic effect of homologues of benzene, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T523X2S     | Toxic effect of glycols, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T524X2S     | Toxic effect of ketones, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T528X2S     | Toxic effect of other organic solvents, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T5292XS     | Toxic effect of unspecified organic solvent, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T530X2S     | Toxic effect of carbon tetrachloride, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T531X2S     | Toxic effect of chloroform, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T532X2S     | Toxic effect of trichloroethylene, intentional self-<br>harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T533X2S     | Toxic effect of tetrachloroethylene, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T534X2S     | Toxic effect of dichloromethane, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T535X2S     | Toxic effect of chlorofluorocarbons, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T536X2S     | Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, sequela                    | Mental Health          | Suicide                  |
| MBD034           | T537X2S     | Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, sequela                     | Mental Health          | Suicide                  |
| MBD034           | T5392XS     | Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T540X2S     | Toxic effect of phenol and phenol homologues, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T541X2S     | Toxic effect of other corrosive organic compounds, intentional self-harm, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | T542X2S     | Toxic effect of corrosive acids and acid-like substances, intentional self-harm, sequela                               | Mental Health          | Suicide                  |
| MBD034           | T543X2S     | Toxic effect of corrosive alkalis and alkali-like substances, intentional self-harm, sequela                           | Mental Health          | Suicide                  |
| MBD034           | T5492XS     | Toxic effect of unspecified corrosive substance, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T550X2S     | Toxic effect of soaps, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T551X2S     | Toxic effect of detergents, intentional self-harm, sequela   | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|--|------------------------|--------------------------|
| MBD034           | T560X2S     | Toxic effect of lead and its compounds, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T561X2S     | Toxic effect of mercury and its compounds, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T562X2S     | Toxic effect of chromium and its compounds, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T563X2S     | Toxic effect of cadmium and its compounds, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T564X2S     | Toxic effect of copper and its compounds, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T565X2S     | Toxic effect of zinc and its compounds, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T566X2S     | Toxic effect of tin and its compounds, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T567X2S     | Toxic effect of beryllium and its compounds, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T56812S     | Toxic effect of thallium, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T56892S     | Toxic effect of other metals, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T5692XS     | Toxic effect of unspecified metal, intentional self-<br>harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T570X2S     | Toxic effect of arsenic and its compounds, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T571X2S     | Toxic effect of phosphorus and its compounds, intentional self-harm, sequela                                       | Mental Health          | Suicide                  |
| MBD034           | T572X2S     | Toxic effect of manganese and its compounds, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T573X2S     | Toxic effect of hydrogen cyanide, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T578X2S     | Toxic effect of other specified inorganic substances, intentional self-harm, sequela                               | Mental Health          | Suicide                  |
| MBD034           | T5792XS     | Toxic effect of unspecified inorganic substance, intentional self-harm, sequela                                    | Mental Health          | Suicide                  |
| MBD034           | T5802XS     | Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, sequela                         | Mental Health          | Suicide                  |
| MBD034           | T5812XS     | Toxic effect of carbon monoxide from utility gas, intentional self-harm, sequela                                   | Mental Health          | Suicide                  |
| MBD034           | T582X2S     | Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T588X2S     | Toxic effect of carbon monoxide from other source, intentional self-harm, sequela                                  | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|--|------------------------|--------------------------|
| MBD034           | T5892XS     | Toxic effect of carbon monoxide from unspecified source, intentional self-harm, sequela    | Mental Health          | Suicide                  |
| MBD034           | T590X2S     | Toxic effect of nitrogen oxides, intentional self-<br>harm, sequela                        | Mental Health          | Suicide                  |
| MBD034           | T591X2S     | Toxic effect of sulfur dioxide, intentional self-harm, sequela                             | Mental Health          | Suicide                  |
| MBD034           | T592X2S     | Toxic effect of formaldehyde, intentional self-harm, sequela                               | Mental Health          | Suicide                  |
| MBD034           | T593X2S     | Toxic effect of lacrimogenic gas, intentional self-harm, sequela                           | Mental Health          | Suicide                  |
| MBD034           | T594X2S     | Toxic effect of chlorine gas, intentional self-harm, sequela                               | Mental Health          | Suicide                  |
| MBD034           | T595X2S     | Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, sequela         | Mental Health          | Suicide                  |
| MBD034           | T596X2S     | Toxic effect of hydrogen sulfide, intentional self-<br>harm, sequela                       | Mental Health          | Suicide                  |
| MBD034           | T597X2S     | Toxic effect of carbon dioxide, intentional self-harm, sequela                             | Mental Health          | Suicide                  |
| MBD034           | T59812S     | Toxic effect of smoke, intentional self-harm, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | T59892S     | Toxic effect of other specified gases, fumes and vapors, intentional self-harm, sequela    | Mental Health          | Suicide                  |
| MBD034           | T5992XS     | Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, sequela        | Mental Health          | Suicide                  |
| MBD034           | T600X2S     | Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T601X2S     | Toxic effect of halogenated insecticides, intentional self-harm, sequela                   | Mental Health          | Suicide                  |
| MBD034           | T602X2S     | Toxic effect of other insecticides, intentional self-harm, sequela                         | Mental Health          | Suicide                  |
| MBD034           | T603X2S     | Toxic effect of herbicides and fungicides, intentional self-harm, sequela                  | Mental Health          | Suicide                  |
| MBD034           | T604X2S     | Toxic effect of rodenticides, intentional self-harm, sequela                               | Mental Health          | Suicide                  |
| MBD034           | T608X2S     | Toxic effect of other pesticides, intentional self-<br>harm, sequela                       | Mental Health          | Suicide                  |
| MBD034           | T6092XS     | Toxic effect of unspecified pesticide, intentional self-harm, sequela                      | Mental Health          | Suicide                  |
| MBD034           | T6102XS     | Ciguatera fish poisoning, intentional self-harm, sequela                                   | Mental Health          | Suicide                  |
| MBD034           | T6112XS     | Scombroid fish poisoning, intentional self-harm, sequela                                   | Mental Health          | Suicide                  |
| MBD034           | T61772S     | Other fish poisoning, intentional self-harm, sequela                                       | Mental Health          | Suicide                  |
| MBD034           | T61782S     | Other shellfish poisoning, intentional self-harm, sequela                                  | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|--|------------------------|--------------------------|
| MBD034           | T618X2S     | Toxic effect of other seafood, intentional self-harm, sequela                                    | Mental Health          | Suicide                  |
| MBD034           | T6192XS     | Toxic effect of unspecified seafood, intentional self-harm, sequela                              | Mental Health          | Suicide                  |
| MBD034           | T620X2S     | Toxic effect of ingested mushrooms, intentional self-harm, sequela                               | Mental Health          | Suicide                  |
| MBD034           | T621X2S     | Toxic effect of ingested berries, intentional self-<br>harm, sequela                             | Mental Health          | Suicide                  |
| MBD034           | T622X2S     | Toxic effect of other ingested (parts of) plant(s), intentional self-harm, sequela               | Mental Health          | Suicide                  |
| MBD034           | T628X2S     | Toxic effect of other specified noxious substances eaten as food, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T6292XS     | Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, sequela      | Mental Health          | Suicide                  |
| MBD034           | T63002S     | Toxic effect of unspecified snake venom, intentional self-harm, sequela                          | Mental Health          | Suicide                  |
| MBD034           | T63012S     | Toxic effect of rattlesnake venom, intentional self-<br>harm, sequela                            | Mental Health          | Suicide                  |
| MBD034           | T63022S     | Toxic effect of coral snake venom, intentional self-<br>harm, sequela                            | Mental Health          | Suicide                  |
| MBD034           | T63032S     | Toxic effect of taipan venom, intentional self-harm, sequela                                     | Mental Health          | Suicide                  |
| MBD034           | T63042S     | Toxic effect of cobra venom, intentional self-harm, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | T63062S     | Toxic effect of venom of other North and South American snake, intentional self-harm, sequela    | Mental Health          | Suicide                  |
| MBD034           | T63072S     | Toxic effect of venom of other Australian snake, intentional self-harm, sequela                  | Mental Health          | Suicide                  |
| MBD034           | T63082S     | Toxic effect of venom of other African and Asian snake, intentional self-harm, sequela           | Mental Health          | Suicide                  |
| MBD034           | T63092S     | Toxic effect of venom of other snake, intentional self-harm, sequela                             | Mental Health          | Suicide                  |
| MBD034           | T63112S     | Toxic effect of venom of gila monster, intentional self-harm, sequela                            | Mental Health          | Suicide                  |
| MBD034           | T63122S     | Toxic effect of venom of other venomous lizard, intentional self-harm, sequela                   | Mental Health          | Suicide                  |
| MBD034           | T63192S     | Toxic effect of venom of other reptiles, intentional self-harm, sequela                          | Mental Health          | Suicide                  |
| MBD034           | T632X2S     | Toxic effect of venom of scorpion, intentional self-<br>harm, sequela                            | Mental Health          | Suicide                  |
| MBD034           | T63302S     | Toxic effect of unspecified spider venom, intentional self-harm, sequela                         | Mental Health          | Suicide                  |
| MBD034           | T63312S     | Toxic effect of venom of black widow spider, intentional self-harm, sequela                      | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION   | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|---|------------------------|--------------------------|
| MBD034           | T63322S     | Toxic effect of venom of tarantula, intentional self-<br>harm, sequela                      | Mental Health          | Suicide                  |
| MBD034           | T63332S     | Toxic effect of venom of brown recluse spider, intentional self-harm, sequela               | Mental Health          | Suicide                  |
| MBD034           | T63392S     | Toxic effect of venom of other spider, intentional self-harm, sequela                       | Mental Health          | Suicide                  |
| MBD034           | T63412S     | Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T63422S     | Toxic effect of venom of ants, intentional self-harm, sequela                               | Mental Health          | Suicide                  |
| MBD034           | T63432S     | Toxic effect of venom of caterpillars, intentional self-harm, sequela                       | Mental Health          | Suicide                  |
| MBD034           | T63442S     | Toxic effect of venom of bees, intentional self-<br>harm, sequela                           | Mental Health          | Suicide                  |
| MBD034           | T63452S     | Toxic effect of venom of hornets, intentional self-<br>harm, sequela                        | Mental Health          | Suicide                  |
| MBD034           | T63462S     | Toxic effect of venom of wasps, intentional self-<br>harm, sequela                          | Mental Health          | Suicide                  |
| MBD034           | T63482S     | Toxic effect of venom of other arthropod, intentional self-harm, sequela                    | Mental Health          | Suicide                  |
| MBD034           | T63512S     | Toxic effect of contact with stingray, intentional self-harm, sequela                       | Mental Health          | Suicide                  |
| MBD034           | T63592S     | Toxic effect of contact with other venomous fish, intentional self-harm, sequela            | Mental Health          | Suicide                  |
| MBD034           | T63612S     | Toxic effect of contact with Portugese Man-o-war, intentional self-harm, sequela            | Mental Health          | Suicide                  |
| MBD034           | T63622S     | Toxic effect of contact with other jellyfish, intentional self-harm, sequela                | Mental Health          | Suicide                  |
| MBD034           | T63632S     | Toxic effect of contact with sea anemone, intentional self-harm, sequela                    | Mental Health          | Suicide                  |
| MBD034           | T63692S     | Toxic effect of contact with other venomous marine animals, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T63712S     | Toxic effect of contact with venomous marine plant, intentional self-harm, sequela          | Mental Health          | Suicide                  |
| MBD034           | T63792S     | Toxic effect of contact with other venomous plant, intentional self-harm, sequela           | Mental Health          | Suicide                  |
| MBD034           | T63812S     | Toxic effect of contact with venomous frog, intentional self-harm, sequela                  | Mental Health          | Suicide                  |
| MBD034           | T63822S     | Toxic effect of contact with venomous toad, intentional self-harm, sequela                  | Mental Health          | Suicide                  |
| MBD034           | T63832S     | Toxic effect of contact with other venomous amphibian, intentional self-harm, sequela       | Mental Health          | Suicide                  |
| MBD034           | T63892S     | Toxic effect of contact with other venomous animals, intentional self-harm, sequela         | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION   | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|---|------------------------|--------------------------|
| MBD034           | T6392XS     | Toxic effect of contact with unspecified venomous animal, intentional self-harm, sequela                            | Mental Health          | Suicide                  |
| MBD034           | T6402XS     | Toxic effect of aflatoxin, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T6482XS     | Toxic effect of other mycotoxin food contaminants, intentional self-harm, sequela                                   | Mental Health          | Suicide                  |
| MBD034           | T650X2S     | Toxic effect of cyanides, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T651X2S     | Toxic effect of strychnine and its salts, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T65212S     | Toxic effect of chewing tobacco, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T65222S     | Toxic effect of tobacco cigarettes, intentional self-<br>harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T65292S     | Toxic effect of other tobacco and nicotine, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T653X2S     | Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T654X2S     | Toxic effect of carbon disulfide, intentional self-<br>harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T655X2S     | Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, sequela                     | Mental Health          | Suicide                  |
| MBD034           | T656X2S     | Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, sequela                           | Mental Health          | Suicide                  |
| MBD034           | T65812S     | Toxic effect of latex, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T65822S     | Toxic effect of harmful algae and algae toxins, intentional self-harm, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | T65832S     | Toxic effect of fiberglass, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T65892S     | Toxic effect of other specified substances, intentional self-harm, sequela  | Mental Health          | Suicide                  |
| MBD034           | T6592XS     | Toxic effect of unspecified substance, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T71112S     | Asphyxiation due to smothering under pillow, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T71122S     | Asphyxiation due to plastic bag, intentional self-<br>harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T71132S     | Asphyxiation due to being trapped in bed linens, intentional self-harm, sequela                                     | Mental Health          | Suicide                  |
| MBD034           | T71152S     | Asphyxiation due to smothering in furniture, intentional self-harm, sequela   | Mental Health          | Suicide                  |
| MBD034           | T71162S     | Asphyxiation due to hanging, intentional self-harm, sequela   | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|--|------------------------|--------------------------|
| MBD034           | T71192S     | Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, sequela | Mental Health          | Suicide                  |
| MBD034           | T71222S     | Asphyxiation due to being trapped in a car trunk, intentional self-harm, sequela                       | Mental Health          | Suicide                  |
| MBD034           | T71232S     | Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, sequela        | Mental Health          | Suicide                  |
| MBD034           | X710XXS     | Intentional self-harm by drowning and submersion while in bathtub, sequela                             | Mental Health          | Suicide                  |
| MBD034           | X711XXS     | Intentional self-harm by drowning and submersion while in swimming pool, sequela                       | Mental Health          | Suicide                  |
| MBD034           | X712XXS     | Intentional self-harm by drowning and submersion after jump into swimming pool, sequela                | Mental Health          | Suicide                  |
| MBD034           | X713XXS     | Intentional self-harm by drowning and submersion in natural water, sequela                             | Mental Health          | Suicide                  |
| MBD034           | X718XXS     | Other intentional self-harm by drowning and submersion, sequela  | Mental Health          | Suicide                  |
| MBD034           | X719XXS     | Intentional self-harm by drowning and submersion, unspecified, sequela                                 | Mental Health          | Suicide                  |
| MBD034           | X72XXXS     | Intentional self-harm by handgun discharge, sequela  | Mental Health          | Suicide                  |
| MBD034           | X730XXS     | Intentional self-harm by shotgun discharge, sequela  | Mental Health          | Suicide                  |
| MBD034           | X731XXS     | Intentional self-harm by hunting rifle discharge, sequela  | Mental Health          | Suicide                  |
| MBD034           | X732XXS     | Intentional self-harm by machine gun discharge, sequela  | Mental Health          | Suicide                  |
| MBD034           | X738XXS     | Intentional self-harm by other larger firearm discharge, sequela                                       | Mental Health          | Suicide                  |
| MBD034           | X739XXS     | Intentional self-harm by unspecified larger firearm discharge, sequela                                 | Mental Health          | Suicide                  |
| MBD034           | X7401XS     | Intentional self-harm by airgun, sequela   | Mental Health          | Suicide                  |
| MBD034           | X7402XS     | Intentional self-harm by paintball gun, sequela  | Mental Health          | Suicide                  |
| MBD034           | X7409XS     | Intentional self-harm by other gas, air or spring-<br>operated gun, sequela                            | Mental Health          | Suicide                  |
| MBD034           | X748XXS     | Intentional self-harm by other firearm discharge, sequela  | Mental Health          | Suicide                  |
| MBD034           | X749XXS     | Intentional self-harm by unspecified firearm discharge, sequela  | Mental Health          | Suicide                  |
| MBD034           | X75XXXS     | Intentional self-harm by explosive material, sequela   | Mental Health          | Suicide                  |
| MBD034           | X76XXXS     | Intentional self-harm by smoke, fire and flames, sequela   | Mental Health          | Suicide                  |
| MBD034           | X770XXS     | Intentional self-harm by steam or hot vapors, sequela  | Mental Health          | Suicide                  |
| MBD034           | X771XXS     | Intentional self-harm by hot tap water, sequela  | Mental Health          | Suicide                  |

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION  | OVERALL BH<br>CATEGORY | BH DIAGNOSIS<br>CATEGORY |
|------------------|-------------|--|------------------------|--------------------------|
| MBD034           | X772XXS     | Intentional self-harm by other hot fluids, sequela                                 | Mental Health          | Suicide                  |
| MBD034           | X773XXS     | Intentional self-harm by hot household appliances, sequela                         | Mental Health          | Suicide                  |
| MBD034           | X778XXS     | Intentional self-harm by other hot objects, sequela                                | Mental Health          | Suicide                  |
| MBD034           | X779XXS     | Intentional self-harm by unspecified hot objects, sequela                          | Mental Health          | Suicide                  |
| MBD034           | X780XXS     | Intentional self-harm by sharp glass, sequela                                      | Mental Health          | Suicide                  |
| MBD034           | X781XXS     | Intentional self-harm by knife, sequela  | Mental Health          | Suicide                  |
| MBD034           | X782XXS     | Intentional self-harm by sword or dagger, sequela                                  | Mental Health          | Suicide                  |
| MBD034           | X788XXS     | Intentional self-harm by other sharp object, sequela                               | Mental Health          | Suicide                  |
| MBD034           | X789XXS     | Intentional self-harm by unspecified sharp object, sequela                         | Mental Health          | Suicide                  |
| MBD034           | X79XXXS     | Intentional self-harm by blunt object, sequela                                     | Mental Health          | Suicide                  |
| MBD034           | X80XXXS     | Intentional self-harm by jumping from a high place, sequela                        | Mental Health          | Suicide                  |
| MBD034           | X810XXS     | Intentional self-harm by jumping or lying in front of motor vehicle, sequela       | Mental Health          | Suicide                  |
| MBD034           | X811XXS     | Intentional self-harm by jumping or lying in front of (subway) train, sequela      | Mental Health          | Suicide                  |
| MBD034           | X818XXS     | Intentional self-harm by jumping or lying in front of other moving object, sequela | Mental Health          | Suicide                  |
| MBD034           | X828XXS     | Other intentional self-harm by crashing of motor vehicle, sequela                  | Mental Health          | Suicide                  |
| MBD034           | X830XXS     | Intentional self-harm by crashing of aircraft, sequela                             | Mental Health          | Suicide                  |
| MBD034           | X831XXS     | Intentional self-harm by electrocution, sequela                                    | Mental Health          | Suicide                  |
| MBD034           | X832XXS     | Intentional self-harm by exposure to extremes of cold, sequela                     | Mental Health          | Suicide                  |
| MBD034           | X838XXS     | Intentional self-harm by other specified means, sequela                            | Mental Health          | Suicide                  |