

SUGGESTED ONLINE SUPPLEMENTAL INFORMATION

Additional Coding Definitions from the Main Text

Glucose testing was defined as any CPT code for a metabolic panel including a glucose test, or glucose testing alone whether or not fasting occurred (80048, 80050, 80053, 82947, 82948, 82950, 82951, 83036, 83037, 82952, 82962, 3044F, 3045F, and 3046F). Lipid testing was defined as any CPT code for a fasting lipid panel or individual lipid test whether or not fasting occurred (80061, 82465, 84478, 83721, 83715, 83700, 83716, 83701, 83704, 83718, 83719, 3048F, 3049F, 3050F) or ICD-9-CM code V7791.

Case management was defined by the presence of Healthcare Common Procedure Coding System Level II code H0036 or T1017 in the 12-months preceding the index prescription.

Diagnoses and medication use were assessed with claims related to the 365 days prior to Index.

Diagnoses codes were reported using the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM). Clinically meaningful diagnostic categories, identified by clustering of ICD-9-CM codes, as defined by the Single-Level diagnoses of the Clinical Classifications Software (CCS) developed by the Agency for Healthcare Research and Quality were used to identify physical and mental health comorbidities of interest.

Source: <http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs.jsp>

Physical Health: Diabetes, dyslipidemia, and hypertension were defined by the presence of one or more diagnoses or prescription medication claims related to the disease of interest. Heart disease was defined by the presence of one or more diagnoses of interest.

Diabetes	
CCS	49, 50
ICD-9-CM	791.5, 791.6, 790.2, 249.00, 250.00, 250.01, 790.21, 790.22, 790.29, V45.85, V53.91, V65.46, 249.01, 249.10, 249.11, 249.20, 249.21, 249.30, 249.31, 249.40, 249.41, 249.50, 249.51, 249.60, 249.61, 249.70, 249.71, 249.80, 249.81, 249.90, 249.91, 250.02, 250.03, 250.10, 250.11, 250.12, 250.13, 250.20, 250.21, 250.22, 250.23, 250.30, 250.31, 250.32, 250.33, 250.40, 250.41, 250.42, 250.43, 250.50, 250.51, 250.52, 250.53, 250.60, 250.61, 250.62, 250.63, 250.70, 250.71, 250.72, 250.73, 250.80, 250.81, 250.82, 250.83, 250.90, 250.91, 250.92, 250.93
Medication	ACARBOSE, ACTOPLUS MET, ACTOPLUS MET XR, ACTOS, AMARYL, APIDRA, APIDRA SOLOSTAR, AVANDAMET, AVANDARYL, AVANDIA, BYETTA, GLIMEPIRIDE, GLIPIZIDE, GLIPIZIDE-METFORMIN, GLUCOPHAGE, GLUCOVANCE, GLUMETZA, GLYBURIDE, GLYBURIDE MICRONIZED, GLYBURIDE-METFORMIN HCL, GLYSET, HUMALOG, HUMALOG MIX 50-50, HUMALOG MIX 75-25, HUMULIN 50-50, HUMULIN 70-30, HUMULIN N, HUMULIN R, JANUMET, JANUVIA, LANTUS, LANTUS SOLOSTAR, LEVEMIR, METFORMIN HCL, METFORMIN HCL ER, NATEGLINIDE, NOVOLIN 70-30, NOVOLIN 70-30 INNOLET, NOVOLIN N, NOVOLIN N INNOLET, NOVOLIN R, NOVOLOG, NOVOLOG MIX 70-30, ONGLYZA, PRANDIN, PRECOSE, STARLIX, SYMLIN, SYMLINPEN 120,

SYMLINPEN 60, VICTOZA 2-PAK, VICTOZA 3-PAK, WELCHOL

Disorders of Lipid Metabolism

CCS 53

ICD-9-CM 272.0, 272.1, 272.2, 272.3, 272.4

Medication ADVICOR, ALTOPREV, ANTARA, CADUET, CHOLESTYRAMINE, CHOLESTYRAMINE LIGHT, COLESTID, COLESTIPOL HCL, CRESTOR, FENOFIBRATE, FENOFIBRIC ACID, GEMFIBROZIL, LESCOL, LIPITOR, LIPOFEN, LIVALO, LOFIBRA, LOPID, LOVASTATIN, NIACOR, NIASPAN, PRAVACHOL, PRAVASTATIN SODIUM, PREVALITE, QUESTRAN, SIMCOR, SIMVASTATIN, TRICOR, TRIGLIDE, TRILIPIX, VYTORIN, ZOCOR

Hypertension

CCS 98, 99

ICD-9-CM 401.1, 401.9, 401.0, 403.0, 403.1, 403.9, 404.0, 404.1, 404.9, 437.2, 402.00, 402.01, 402.10, 402.11, 402.90, 402.91, 403.00, 403.01, 403.10, 403.11, 403.90, 403.91, 404.00, 404.01, 404.02, 404.03, 404.10, 404.11, 404.12, 404.13, 404.90, 404.91, 404.92, 404.93, 405.01, 405.09, 405.11, 405.19, 405.91, 405.99

Medication ACCUPRIL, ACEON, ALDACTAZIDE, ALDACTONE, ALTACE, AMILORIDE HCL, AMILORIDE-HYDROCHLOROTHIAZIDE, AMLODIPINE BESYLATE, AMLODIPINE BESYLATE-BENAZEPRIL, ATACAND, ATACAND HCT, ATENOLOL, ATENOLOL-CHLORTHALIDONE, AVALIDE, AVAPRO, AZOR, BENAZEPRIL HCL, BENAZEPRIL-HYDROCHLOROTHIAZIDE, BENICAR, BENICAR HCT, BETAXOLOL HCL, BISOPROLOL FUMARATE, BISOPROLOL FUMARATE-HCTZ, BISOPROLOL-HYDROCHLOROTHIAZIDE, BUMETANIDE, BYSTOLIC, CADUET, CAPTOPRIL, CAPTOPRIL-HYDROCHLOROTHIAZIDE, CARDENE SR, CARDIZEM CD, CARDIZEM LA, CARDURA, CARVEDILOL, CATAPRES, CATAPRES-TTS 1, CATAPRES-TTS 2, CATAPRES-TTS 3, CHLOROTHIAZIDE, CHLORTHALIDONE, CLONIDINE, CLONIDINE HCL, CLORPRES, COREG, COREG CR, CORGARD, COVARYX H.S., COZAAR, DILTIAZEM 24HR ER, DILTIAZEM ER, DILTIAZEM HCL, DIOVAN, DIOVAN HCT, DIURIL, DOXAZOSIN MESYLATE, DYAZIDE, DYRENIUM, ENALAPRIL MALEATE, ENALAPRIL-HYDROCHLOROTHIAZIDE, EPLERENONE, EXFORGE, EXFORGE HCT, FELODIPINE ER, FOSINOPRIL SODIUM, FOSINOPRIL-HYDROCHLOROTHIAZIDE, FUROSEMIDE, HYDRALAZINE HCL, HYDROCHLOROTHIAZIDE, HYZAAR, INDAPAMIDE, INDERAL LA, INNOPRAN XL, INSPRA, ISRADIPINE, LABETALOL HCL, LASIX, LISINOPRIL, LISINOPRIL-HCTZ, LISINOPRIL-HYDROCHLOROTHIAZIDE, LOPRESSOR, LOSARTAN POTASSIUM, LOSARTAN-HYDROCHLOROTHIAZIDE, LOTREL, MAVIK, MAXZIDE-25 MG, METHYLDOPA, METHYLDOPA-HYDROCHLOROTHIAZIDE, METOLAZONE, METOPROLOL SUCCINATE, METOPROLOL TARTRATE, METOPROLOL-HYDROCHLOROTHIAZIDE, MICARDIS, MICARDIS HCT, MINIPRESS, MINOXIDIL, NADOLOL, NADOLOL-BENDROFLUMETHIAZIDE, NICARDIPINE HCL, NIFEDIPINE, NIFEDIPINE ER, NORVASC, PERINDOPRIL ERBUMINE, PINDOLOL, PRAZOSIN HCL, PRINIVIL, PROPRANOLOL HCL, PROPRANOLOL-HYDROCHLOROTHIAZID, QUINAPRIL HCL, QUINAPRIL-HYDROCHLOROTHIAZIDE, RAMIPRIL, RESERPINE, SOTALOL, SOTALOL AF, SPIRONOLACTONE, SPIRONOLACTONE-HCTZ, TARKA, TEKTRUNA, TEKTRUNA HCT, TENEX, TENORMIN, TERAZOSIN HCL, TEVETEN,

TEVETEN HCT, TIAZAC, TIMOLOL MALEATE, TOPROL XL, TORSEMIDE, TRANDOLAPRIL, TRANDOLAPRIL-VERAPAMIL, TRIAMTERENE-HCTZ, TRIAMTERENE-HYDROCHLOROTHIAZID, TRIBENZOR, TWYNSTA, UNIRETIC, UNIVASC, VALTURNA, VERAPAMIL ER, VERAPAMIL HCL, ZAROXOLYN, ZEBETA, ZESTORETIC, ZIAC

Diseases of the Heart

CCS 96, 97, 100, 101, 102, 103, 104, 105, 106, 107, 108

ICD-9-CM 393, 412, 394.0, 394.1, 394.2, 394.9, 395.0, 395.1, 395.2, 395.9, 396.0, 396.1, 396.2, 396.3, 396.8, 396.9, 397.0, 397.1, 397.9, 424.0, 424.1, 424.2, 424.3, 785.2, 785.3, V42.2, V43.3, 130.3, 391.0, 391.1, 391.2, 391.8, 391.9, 392.0, 398.0, 420.0, 421.0, 421.1, 421.9, 422.0, 423.0, 423.1, 423.2, 423.3, 423.8, 423.9, 425.0, 425.1, 425.2, 425.3, 425.4, 425.7, 425.8, 425.9, 429.0, 410.0, 410.1, 410.2, 410.3, 410.4, 410.5, 410.6, 410.7, 410.8, 410.9, 411.0, 411.1, 411.8, 413.0, 413.1, 413.9, 414.0, 414.2, 414.3, 414.8, 414.9, 415.0, 415.1, 416.0, 416.1, 416.2, 416.8, 416.9, 417.0, 417.1, 417.8, 417.9, 429.1, 429.2, 429.3, 429.5, 429.6, 429.9, 426.0, 426.2, 426.3, 426.4, 426.6, 426.7, 426.9, V45.0, V53.3, 427.0, 427.1, 427.2, 427.9, 785.0, 785.1, 427.5, 428.0, 428.1, 428.9, 424.90, 424.91, 424.99, 032.82, 036.40, 036.41, 036.42, 036.43, 074.20, 074.21, 074.22, 074.23, 112.81, 115.03, 115.04, 115.13, 115.14, 115.93, 115.94, 398.90, 398.99, 420.90, 420.91, 420.99, 422.90, 422.91, 422.92, 422.93, 422.99, 410.00, 410.01, 410.02, 410.10, 410.11, 410.12, 410.20, 410.21, 410.22, 410.30, 410.31, 410.32, 410.40, 410.41, 410.42, 410.50, 410.51, 410.52, 410.60, 410.61, 410.62, 410.70, 410.71, 410.72, 410.80, 410.81, 410.82, 410.90, 410.91, 410.92, 411.81, 411.89, 414.00, 414.01, 414.06, V45.81, V45.82, 786.50, 786.51, 786.59, 415.12, 415.19, 414.10, 414.11, 414.12, 414.19, 429.71, 429.79, 429.81, 429.82, 429.83, 429.89, 426.10, 426.11, 426.12, 426.13, 426.50, 426.51, 426.52, 426.53, 426.54, 426.81, 426.82, 426.89, V45.00, V45.01, V45.02, V45.09, V53.31, V53.32, V53.39, 427.31, 427.32, 427.60, 427.61, 427.69, 427.81, 427.89, 427.41, 427.42, 398.91, 428.20, 428.21, 428.22, 428.23, 428.30, 428.31, 428.32, 428.33, 428.40, 428.41, 428.42, 428.43

Mental Health: Number of unique mental health diagnoses categories was defined by the CCS

Schizophrenia and other psychotic disorders

CCS 659

ICD-9-CM 297.0, 297.1, 297.2, 297.3, 297.8, 297.9, 298.0, 298.1, 298.2, 298.3, 298.4, 298.8, 298.9, 293.81, 293.82, 295.00, 295.01, 295.02, 295.03, 295.04, 295.05, 295.10, 295.11, 295.12, 295.13, 295.14, 295.15, 295.20, 295.21, 295.22, 295.23, 295.24, 295.25, 295.30, 295.31, 295.32, 295.33, 295.34, 295.35, 295.40, 295.41, 295.42, 295.43, 295.44, 295.45, 295.50, 295.51, 295.52, 295.53, 295.54, 295.55, 295.60, 295.61, 295.62, 295.63, 295.64, 295.65, 295.70, 295.71, 295.72, 295.73, 295.74, 295.75, 295.80, 295.81, 295.82, 295.83, 295.84, 295.85, 295.90, 295.91, 295.92, 295.93, 295.94, 295.95

Adjustment disorders

CCS 650

ICD-9-CM 309.0, 309.1, 309.3, 309.4, 309.9, 309.22, 309.23, 309.24, 309.28, 309.29, 309.82, 309.83, 309.89

Anxiety disorders	
CCS	651
ICD-9-CM	300.3, 300.5, 300.9, 308.0, 308.1, 308.2, 308.3, 308.4, 308.9, 313.0, 313.1, 313.3, 293.84, 300.00, 300.01, 300.02, 300.09, 300.10, 300.20, 300.21, 300.22, 300.23, 300.29, 300.89, 309.81, 313.21, 313.22, 313.82, 313.83
Attention-deficit, conduct, and disruptive behavior disorders	
CCS	652
ICD-9-CM	312.4, 312.8, 312.9, 314.1, 314.2, 314.8, 314.9, 312.00, 312.01, 312.02, 312.03, 312.10, 312.11, 312.12, 312.13, 312.20, 312.21, 312.22, 312.23, 312.81, 312.82, 312.89, 313.81, 314.00, 314.01
Delirium, dementia, and amnestic and other cognitive disorders	
CCS	653
ICD-9-CM	797, 290.0, 290.3, 290.8, 290.9, 293.0, 293.1, 294.0, 294.1, 294.8, 294.9, 310.0, 310.2, 310.8, 310.9, 331.0, 331.1, 331.2, 290.10, 290.11, 290.12, 290.13, 290.20, 290.21, 290.40, 290.41, 290.42, 290.43, 294.10, 294.11, 331.11, 331.19, 331.82
Developmental disorders	
CCS	654
ICD-9-CM	317, 319, 307.0, 307.9, 315.1, 315.2, 315.4, 315.5, 315.8, 315.9, 318.0, 318.1, 318.2, V400, V401, 315.00, 315.01, 315.02, 315.09, 315.31, 315.32, 315.34, 315.35, 315.39
Disorders usually diagnosed in infancy, childhood, or adolescence	
CCS	655
ICD-9-CM	307.3, 307.6, 307.7, 313.9, 299.00, 299.01, 299.10, 299.11, 299.80, 299.81, 299.90, 299.91, 307.20, 307.21, 307.22, 307.23, 309.21, 313.23, 313.89
Impulse control disorders, NEC	
CCS	656
ICD-9-CM	312.30, 312.31, 312.32, 312.33, 312.34, 312.35, 312.39
Mood disorders	
CCS	657
ICD-9-CM	311, 296.7, 300.4, 293.83, 296.00, 296.01, 296.02, 296.03, 296.04, 296.05, 296.06, 296.10, 296.11, 296.12, 296.13, 296.14, 296.15, 296.16, 296.20, 296.21, 296.22, 296.23, 296.24, 296.25, 296.26, 296.30, 296.31, 296.32, 296.33, 296.34, 296.35, 296.36, 296.40, 296.41, 296.42, 296.43, 296.44, 296.45, 296.46, 296.50, 296.51, 296.52, 296.53, 296.54, 296.55, 296.56, 296.60, 296.61, 296.62, 296.63, 296.64, 296.65, 296.66, 296.80, 296.81, 296.82, 296.89, 296.90, 296.99
Personality disorders	
CCS	658
ICD-9-CM	301.0, 301.3, 301.4, 301.6, 301.7, 301.9, 301.10, 301.11, 301.12, 301.13, 301.20, 301.21, 301.22, 301.50, 301.51, 301.59, 301.81, 301.82, 301.83, 301.84, 301.89
Alcohol-related disorders	
CCS	660
ICD-9-CM	291.0, 291.1, 291.2, 291.3, 291.4, 291.5, 291.8, 291.9, 980.0, 291.81, 291.82, 291.89, 303.00, 303.01, 303.02, 303.03, 303.90, 303.91, 303.92, 303.93, 305.00, 305.01, 305.02, 305.03, 760.71
Substance-related disorders	
CCS	661

ICD-9-CM	292.0, 292.2, 292.9, 779.5, 292.11, 292.12, 292.81, 292.82, 292.83, 292.84, 292.85, 292.89, 304.00, 304.01, 304.02, 304.03, 304.10, 304.11, 304.12, 304.13, 304.20, 304.21, 304.22, 304.23, 304.30, 304.31, 304.32, 304.33, 304.40, 304.41, 304.42, 304.43, 304.50, 304.51, 304.52, 304.53, 304.60, 304.61, 304.62, 304.63, 304.70, 304.71, 304.72, 304.73, 304.80, 304.81, 304.82, 304.83, 304.90, 304.91, 304.92, 304.93, 305.20, 305.21, 305.22, 305.23, 305.30, 305.31, 305.32, 305.33, 305.40, 305.41, 305.42, 305.43, 305.50, 305.51, 305.52, 305.53, 305.60, 305.61, 305.62, 305.63, 305.70, 305.71, 305.72, 305.73, 305.80, 305.81, 305.82, 305.83, 305.90, 305.91, 305.92, 305.93, 648.30, 648.31, 648.32, 648.33, 648.34, 655.50, 655.51, 655.53, 760.72, 760.73, 760.75, 965.00, 965.01, 965.02, 965.09, V65.42
Suicide and intentional self-inflicted injury	
CCS	662
ICD-9-CM	E954, E956, E959, E950.0, E950.1, E950.2, E950.3, E950.4, E950.5, E950.6, E950.7, E950.8, E950.9, E951.0, E951.1, E951.8, E952.0, E952.1, E95.28, E95.29, E953.0, E953.1, E953.8, E953.9, E955.0, E955.1, E955.2, E955.3, E955.4, E955.5, E955.6, E955.7, E955.9, E957.0, E957.1, E957.2, E957.9, E958.0, E958.1, E958.2, E958.3, E958.4, E958.5, E958.6, E958.7, E958.8, E958.9, V62.84

Psychotropic Medications

Antidepressants
SYMBYAX
PERPHENAZINE-AMITRIPTYLINE
AMITRIPTYLINE-CHLORDIAZEPOXIDE
CHLORDIAZEPOXIDE-AMITRIPTYLINE
AMITRIPTYLINE HCL
AMOXAPINE
APLENZIN
BUDEPRION SR
BUDEPRION XL
BUPROBAN
BUPROPION HCL
BUPROPION HCL ER
BUPROPION HCL SR
BUPROPION XL
CELEXA
CITALOPRAM
CITALOPRAM HBR
CLOMIPRAMINE HCL
CYMBALTA
DESIPRAMINE HCL
DOXEPIN HCL
EFFEXOR

EFFEXOR XR
EMSAM
FLUOXETINE DR
FLUOXETINE HCL
FLUVOXAMINE MALEATE
IMIPRAMINE HCL
IMIPRAMINE PAMOATE
LEXAPRO
LUVOX CR
MAPROTILINE HCL
MARPLAN
MIRTAZAPINE
NARDIL
NORTRIPTYLINE HCL
PARNATE
PAROXETINE HCL
PAXIL
PAXIL CR
PEXEVA
PHENELZINE SULFATE
PRISTIQ
PROTRIPTYLINE HCL
PROZAC
PROZAC WEEKLY
REMERON
SARAFEM
SELEGILINE HCL
SELFEMRA
SERTRALINE HCL
SURMONTIL
TOFRANIL-PM
TRANLYCYPROMINE SULFATE
TRIMIPRAMINE MALEATE
VENLAFAXINE HCL
VENLAFAXINE HCL ER
VIVACTIL
WELLBUTRIN
WELLBUTRIN SR
WELLBUTRIN XL
ZELAPAR
ZOLOFT
ZYBAN
Mood Stabilizers
LITHIUM
LITHIUM CARBONATE

LITHIUM CITRATE
LITHOBID
CARBAMAZEPINE
CARBAMAZEPINE XR
CARBATROL
DEPAKENE
DEPAKOTE
DEPAKOTE ER
DEPAKOTE SPRINKLE
DIVALPROEX SODIUM
DIVALPROEX SODIUM ER
EPITOL
EQUETRO
LAMICTAL
LAMICTAL (BLUE)
LAMICTAL (GREEN)
LAMICTAL (ORANGE)
LAMICTAL ODT
LAMOTRIGINE
OXCARBAZEPINE
STAVZOR
TEGRETOL
TEGRETOL XR
TRILEPTAL
VALPROIC ACID
Benzodiazepines
AMITRIPTYLINE-CHLORDIAZEPOXIDE
CHLORDIAZEPOXIDE-AMITRIPTYLINE
ALPRAZOLAM
ALPRAZOLAM ER
ALPRAZOLAM INTENSOL
ALPRAZOLAM XR
ATIVAN
CHLORDIAZEPOXIDE HCL
CHLORDIAZEPOXIDE-CLIDINIUM
CLONAZEPAM
CLORAZEPATE DIPOTASSIUM
DIASTAT
DIASTAT ACUDIAL
DIAZEPAM
ESTAZOLAM
FLURAZEPAM HCL
KLONOPIN
LORAZEPAM
LORAZEPAM INTENSOL

MIDAZOLAM HCL
NIRAVAM
OXAZEPAM
RESTORIL
TEMAZEPAM
TRANXENE SD
TRIAZOLAM
XANAX
XANAX XR
Other Antipsychotics
CHLORPROMAZINE HCL
FLUPHENAZINE HCL
HALDOL
HALOPERIDOL
HALOPERIDOL LACTATE
LOXAPINE
LOXITANE
MOBAN
NAVANE
ORAP
PERPHENAZINE
PERPHENAZINE-AMITRIPTYLINE
THIORIDAZINE HCL
THIOTHIXENE
TRIFLUOPERAZINE HCL
RISPERDAL CONSTA (long-acting)
ZYPREXA RELPREVV (long-acting)

Additional Footnotes from the Primary Table:

Results reflect Missouri Medicaid patients initiating oral SGA treatment from August 2009 thru April 2010. Index is defined, for each patient, as the date of the first oral second-generation antipsychotic claim during this period. Patients were included if they had no claim for an oral second-generation antipsychotic in during the 12 months preceding Index and were continuously enrolled in Medicaid for the 12 months before and after the Index with no dual coverage. Diagnoses, healthcare utilization, and medication use were assessed with claims from the 12 month pre-period. Diabetes, dyslipidemia, and hypertension are defined by the presence of one or more diagnoses or prescription claims related to the disease of interest. Heart disease is defined by one or more diagnoses. An emergency department encounter resulting in hospitalization is captured as an inpatient claim. Outpatient encounters are defined as outpatient claims with one or more of the following Current Procedural Terminology (4th Edition) Evaluation and Management codes: 99201-99205, 99211-99215. In addition to the variables presented in the table, urbanicity and count of diabetes risk factors were considered for the model. Multivariable logistic regression was used to create the models. Variables with a high proportion of missingness (urban versus rural indicator), sparse distributions (Youth: diabetes, dyslipidemia, benzodiazepine claim, psychotropic claim; Adults: none) or those highly correlated (as evaluated by tetrachoric/polychoric correlation > 0.65) with variables presented

(count of diabetes risk factors) were not entered into the model. Youth models, c-statistic=0.69 (glucose) and 0.73 (lipid). Adult models, c-statistic=0.72 (glucose) and 0.77 (lipid).

^cCase Management was defined by a Healthcare Common Procedure Coding System Level II code of H0036 or T1017 in the 12 month pre-period. Per Case Management Technologies, CMHC indicates patient care at a CMHC at some point from August 2008 - April 2011. We found case management to happen almost exclusively in CMHC patients: two adult patients had case management but no CMHC indicator and for simplification have been excluded from the analysis.

^dUnique mental health categories were defined as follows by Clinical Classifications Software: (1) Adjustment disorders, (2) Anxiety disorders, (3) Attention-deficit, conduct, and disruptive behavior disorders, (4) Delirium, dementia, and amnesic and other cognitive disorders, (5) Developmental disorders, (6) Disorders usually diagnosed in infancy, childhood, or adolescence, (7) Impulse control disorders, NEC, (8) Mood disorders, (9) Personality disorders, (10) Schizophrenia and other psychotic disorders, (11) Alcohol-related disorders, (12) Substance-related disorders, (13) Suicide and intentional self-inflicted injury.