

Table S1: primary discharge diagnoses for patients receiving ECT, based on PECCS categories, and under each category are individual *ICD-10-CM* codes contributing to that category, with codes diagnosed >10 times included for each category.

<b>n</b>	<b>PECCS Category</b>	<b>PECCS Description</b>
270	662000	Suicide and intentional self-inflicted injury
166	651000	Anxiety disorders
76	661000	Substance-related disorders
58	670000	Miscellaneous mental health disorders
55	255000	Administrative/social admission
50	58000	Other nutritional; endocrine; and metabolic disorders
48	257000	Other aftercare
45	155004	Constipation
43	651001	Posttraumatic stress disorder
42	106000	Cardiac dysrhythmias
42	652001	Attention-deficit hyperactivity disorder
41	259001	Sleep disturbances
37	128000	Asthma
37	658000	Personality disorders
36	58004	Obesity
34	651002	Phobias
34	655001	Autistic disorder
33	657003	Mood disorders (major depressive disorder)
32	253000	Allergic reactions
32	651003	OCD
31	52002	Vitamin deficiency
30	654000	Developmental disorders
28	659000	Schizophrenia and other psychotic disorders
28	95000	Other nervous system disorders
27	84000	Headache; including migraine
25	663000	Screening and history of mental health and substance abuse codes
25	98000	Essential hypertension
20	138002	Gastroesophageal reflux and esophagitis
19	163000	Genitourinary symptoms and ill-defined conditions
19	655000	Disorders usually diagnosed in infancy childhood or adolescence
18	117000	Other circulatory disease
17	134001	Allergic rhinitis
17	233000	Intracranial injury
16	48000	Thyroid disorders
14	250000	Nausea and vomiting
14	657002	Mood disorders (bipolar disorder)
13	656000	Impulse control disorders NEC
13	657000	Mood disorders
12	200000	Other skin disorders
12	205000	Spondylosis; intervertebral disc disorders; other back problems

12	2621	External cause codes: place of occurrence
11	10000	Immunizations and screening for infectious disease
11	211000	Other connective tissue disease
11	231000	Other fractures
11	236000	Open wounds of extremities
11	2617	Adverse effects of medical drugs
11	55001	Dehydration

Table S2: PECCS categories for the secondary discharge diagnoses for patients receiving ECT.

Included are all categories diagnosed >10 times.

<b>Code</b>	<b>n</b>	<b>%</b>	<b>Diagnosis</b>	<b>PECCS Category</b>
<b>Psychiatric Diagnoses</b>				
<b>R45851</b>	153	48.6	Suicidal ideations	Suicide and intentional self-inflicted injury
<b>Z915</b>	83	26.3	Personal history of self-harm	Suicide and intentional self-inflicted injury
<b>Z818</b>	78	24.8	Family history of other mental and behavioral disorders	Residual codes; unclassified
<b>F419</b>	77	24.4	Anxiety disorder, unspecified	Anxiety disorders
<b>F411</b>	51	16.2	Generalized anxiety disorder	Anxiety disorders
<b>F4310</b>	40	12.7	Post-traumatic stress disorder, unspecified	Posttraumatic stress disorder
<b>G4700</b>	39	12.4	Insomnia, unspecified	Sleep disturbances
<b>F840</b>	34	10.8	Autistic disorder	Autistic disorder
<b>F4010</b>	32	10.2	Social phobia, unspecified	Phobias
<b>F429</b>	32	10.2	Obsessive-compulsive disorder, unspecified	OCD
<b>F603</b>	32	10.2	Borderline personality disorder	Personality disorders
<b>Z781</b>	31	9.8	Physical restraint status	Residual codes; unclassified
<b>F909</b>	30	9.5	Attention-deficit hyperactivity disorder, unspecified type	Attention-deficit hyperactivity disorder
<b>F061</b>	27	8.6	Catatonic disorder due to known physiological condition	Miscellaneous mental health disorders
<b>F1290</b>	20	6.3	Cannabis use, unspecified, uncomplicated	Substance-related disorders
<b>F410</b>	19	6.0	Panic disorder [episodic paroxysmal anxiety]	Anxiety disorders
<b>F1210</b>	18	5.7	Cannabis abuse, uncomplicated	Substance-related disorders
<b>F329</b>	16	5.1	Major depressive disorder, single episode, unspecified	Mood disorders (major depressive disorder)
<b>F509</b>	12	3.8	Eating disorder, unspecified	Miscellaneous mental health disorders
<b>R451</b>	11	3.5	Restlessness and agitation	Residual codes; unclassified
<b>Medical Diagnoses</b>				
<b>K5900</b>	40	12.7	Constipation, unspecified	Constipation
<b>Z79899</b>	36	11.4	Other long term (current) drug therapy	Other aftercare
<b>R000</b>	33	10.5	Tachycardia, unspecified	Cardiac dysrhythmias
<b>E559</b>	29	9.2	Vitamin D deficiency, unspecified	Vitamin deficiency
<b>J45909</b>	28	8.9	Unspecified asthma, uncomplicated	Asthma
<b>I10</b>	25	7.9	Essential (primary) hypertension	Essential hypertension
<b>E669</b>	22	7.0	Obesity, unspecified	Obesity
<b>K219</b>	19	6.0	Gastro-esophageal reflux disease without esophagitis	Gastroesophageal reflux and esophagitis
<b>R51</b>	15	4.8	Headache	Headache; including migraine
<b>Z6854</b>	14	4.4	BMI pediatric, greater than or equal to 95% for age	Other nutritional; endocrine; and metabolic disorders

<b>Z87820</b>	14	4.4	Personal history of traumatic brain injury	Intracranial injury
<b>Z9114</b>	13	4.1	Patient's other noncompliance with medication regimen	Residual codes; unclassified
<b>J302</b>	12	3.8	Other seasonal allergic rhinitis	Allergic rhinitis

Table S3: secondary *ICD-10-CM* discharge diagnoses for hospitalizations involving ECT.

Diagnostic codes listed in descending order of frequency, along with the associated CCSR code and category for each *ICD-10-CM* code, and are separated by psychiatric vs. medical diagnoses.