

APPENDIX 1

ICD-10 Codes and Corresponding Diagnoses Used for Case Identification from Encounters

ICD-10 Code	ICD-10 Diagnosis Description
F15.10	Other stimulant abuse, uncomplicated
F15.120	Other stimulant abuse with intoxication, uncomplicated
F15.121	Other stimulant abuse with intoxication delirium
F15.122	Other stimulant abuse with intoxication with perceptual disturbance
F15.129	Other stimulant abuse with intoxication, unspecified
F15.90	Other stimulant use, unspecified, uncomplicated
F15.920	Other stimulant use with intoxication, uncomplicated
F15.921	Other stimulant use with intoxication delirium
F15.922	Other stimulant use with intoxication with perceptual disturbance
F15.929	Other stimulant use with intoxication, unspecified
T43.601A	Poisoning by unspecified psychostimulants, accidental (unintentional), initial encounter
T43.602A	Poisoning by unspecified psychostimulants, intentional self-harm, initial encounter
T43.604A	Poisoning by unspecified psychostimulants, undetermined, initial encounter
T43.651A	Poisoning by amphetamines, accidental (unintentional), initial encounter
T43.652A	Poisoning by amphetamines, intentional self-harm, initial encounter
T43.654A	Poisoning by amphetamines, undetermined, initial encounter
F14.10	Cocaine abuse, uncomplicated
F14.120	Cocaine abuse with intoxication, uncomplicated
F14.121	Cocaine abuse with intoxication delirium
F14.122	Cocaine abuse with intoxication with perceptual disturbance
F14.129	Cocaine abuse with intoxication, unspecified
F14.221	Cocaine dependence with intoxication delirium
F14.222	Cocaine dependence with intoxication with perceptual disturbance
F14.229	Cocaine dependence with intoxication, unspecified
F14.90	Cocaine use, unspecified, uncomplicated
F14.920	Cocaine use with intoxication, uncomplicated
F14.921	Cocaine use with intoxication delirium
F14.922	Cocaine use with intoxication with perceptual disturbance
F14.929	Cocaine use with intoxication, unspecified
T40.5X1A	Poisoning by cocaine, accidental (unintentional), initial encounter
T40.5X2A	Poisoning by cocaine, intentional self-harm, initial encounter
T40.5X4A	Poisoning by cocaine, undetermined, initial encounter

T40.721A	Poisoning by synthetic cannabinoids, accidental (unintentional), initial encounter
T40.722A	Poisoning by synthetic cannabinoids, intentional self-harm, initial encounter
T40.724A	Poisoning by synthetic cannabinoids, undetermined, initial encounter
F19.10	Other psychoactive substance abuse, uncomplicated
F19.920	Other psychoactive substance use with intoxication, uncomplicated
F19.921	Other psychoactive substance use with intoxication delirium
F19.922	Other psychoactive substance use with intoxication with perceptual disturbance
F12.929	Cannabinoid use, unspecified with intoxication, unspecified
T44.901A	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, accidental (unintentional), initial encounter
T44.902A	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, initial encounter
T44.904A	Poisoning by unspecified drugs primarily affecting the autonomic nervous system, undetermined, initial encounter

APPENDIX 2

Stratification of discharge length of stay (DCLOS) by multiple linear regression modeling

in post-hoc analysis assessing the association between DCLOS and IVF administration,

controlling for the listed variables, among 100 patients discharged after presenting for stimulant intoxication.

Acronyms: IVF = intravenous fluids; DCLOS = discharge length of stay

Regression Model – Adding Presenting Shock Index (SI) Variable			
Variable	Coefficient (β)	95% Confidence Interval	p-value
IVF	38.7	(-7.3, 397.8)	.16
Age	2.4	(-0.4, 5.1)	.09
Sex – Male	-67.6	(-128.0, -7.2)	.03
Alcohol Involved	15.7	(-43.8, 75.2)	.60
Advanced Imaging Ordered	74.6	(5.2, 144.0)	.04
Received Sedation	36.2	(-23.0, 95.4)	.23
Escort at Discharge	-2.4	(-103.1, 98.3)	.96
Presenting SI	68.6	(-131.6, 268.9)	.50

R-square = 0.162

Regression Model – Adding Presenting Heart Rate (HR) Variable			
Variable	Coefficient (β)	95% CI	p-value
IVF	37.7	(-17.7, 93.0)	.18
Age	2.4	(-0.4, 5.2)	.09
Sex – Male	-69.5	(-129.6, -9.5)	.02
Alcohol Involved	17.4	(-41.8, 76.6)	.56
Advanced Imaging Ordered	76.5	(7.3, 145.8)	.03
Received Sedation	33.4	(-26.3, 93.0)	.27
Escort at Discharge	-5.0	(-105.5, 95.5)	.92
Presenting HR	0.5	(-1.6, 2.6)	.64

R-square = 0.164

Regression Model – Adding Presenting Systolic Blood Pressure (SBP) Variable			
Variable	Coefficient (β)	95% CI	p-value
IVF	42.0	(-12.4, 96.2)	.13
Age	2.3	(-0.4, 5.1)	.10
Sex – Male	-69.4	(-129.2, -9.6)	.02
Alcohol Involved	17.3	(-41.7, 76.4)	.56
Advanced Imaging Ordered	75.0	(5.6, 144.4)	.03
Received Sedation	38.4	(-21.6, 98.4)	.21
Escort at Discharge	-7.0	(-106.1, 92.1)	.89
Presenting SBP	-0.5	(-1.9, 1.0)	.53

R-square = 0.166