

Supplemental Table. Case definitions using ninth and 10 revision of the *International Classification of Diseases Clinical Modification and Related Health Problems* (ICD-9-CM and ICD-10-CM) diagnostic codes

Endocarditis

ICD-9-CM codes

421.0: Acute and subacute endocarditis
421.1: Acute and subacute endocarditis not elsewhere classified
421.9: Acute endocarditis unspecified
424.9: Endocarditis, valve unspecified

ICD-10-CM codes

I33.0 Acute and subacute infective endocarditis
I39 Endocarditis and heart valve disorders in diseases classified elsewhere
I33.9 Acute and subacute endocarditis, unspecified
I38 Endocarditis, valve unspecified
I39 Endocarditis and heart valve disorders in diseases classified elsewhere

Medication or drug overdose/dependence

ICD-9-CM Codes, 900/E codes

960–979.9
E850–E858.9
E950–E950.5
E962.0
E980–E980.5
292.0 Drug withdrawal
304.0–304.02: Opioid type dependence
304.20–304.22: Cocaine dependence
304.40–304.42: Amphetamine and other psychostimulant dependence, unspecified use
304.5–304.52: Hallucinogen dependence
304.60–304.62: Other specified drug dependence
304.70–304.72: Combinations of opioid type drug with any other drug dependence, unspecified use
304.80–304.82: Combinations of drug dependence excluding opioid type drug, unspecified use
304.90: Unspecified drug dependence, unspecified

ICD-10-CM T Codes

T36–T50 (ending in A or D only and EXCLUDING all codes in which the second to last character (7th position) is a 5 (adverse effect) or 6 (underdosing)).

F19.939: Drug withdrawal
F14.20: Cocaine dependence, uncomplicated
F15.20: Other stimulant dependence, uncomplicated
F11.20: Opioid dependence, uncomplicated;
F16.20: Hallucinogen dependence, uncomplicated
F19.20: Other psychoactive substance dependence, uncomplicated

Hepatitis C codes

ICD-9 Codes 070.41, 070.44, 070.51, 070.54, 070.70/1; V02.62
ICD-10 Codes B1711, B182, B170, B1920, B1921, Z2252

Human immunodeficiency virus codes

ICD-9 Codes 070.41, 070.44, 070.51, 070.54, 070.70/1; V02.62

ICD-10 Codes B20, B21-B24, B9735, Z21, R75, B97